

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

Rig #

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/3/2017

2

040671

\$5,817,472.00

\$113,943.27

\$109,919.93

Asset Team Identifier

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020002

42-461-40446-0000

949805-004

SPRABERRY (TREND AREA)

WOLFCAMP B3 (WFMP B3)

11/10/2016

19,320.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCM

2/1/2017

AFE APPROVED

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

MILESTONE

TURN OVER TO PRODUCTION

Date

Type

Subtype

Note

MILESTONE

READY TO START (RTS)

Date

Type

Subtype

Note

3/2/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

07:00

MEETING

JSA

Held Meeting W/ Supreme, Discussed overhead Loads, Trip Hazards, Pinch Points

17:30

MEETING

PRE-TOUR

NIGHT

Discussed JSA's Potential hazards,muster points,& nearest hospital

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

MORALES, JAMES

SUPERINTENDE NT

432-634-4135

ROBERTS, JOE

FOREMAN

DAY

580-736-4046

ELLIS, BOBBY

FOREMAN

DAY

325-574-3651

WINKLER, RYAN

FOREMAN

DAY

254-205-8247

BELCHER, BOB

FOREMAN

NIGHT

940-257-5660

940-257-4658

HATHCOAT, ANDREW

SUPERVISOR

NIGHT

903-439-5529

TREJO, JEREMIAH

FOREMAN

NIGHT

682-229-0983

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

Wait on Pad ops

Operations Summary

NU Frac Stack, Set Containments, MIRU Frac Tanks, CBL Logs

Operations Next Report Period

Open Toes Sleeves // Perf Stage 1

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

14:30

8.5

PRESTIM, PRE OPS

SETUP

FRAC_STAC

NU Frac Stack

NORMAL

14:30

16:00

1.5

PRESTIM, PRE OPS

SETUP

RURD

RU WL FOR CBL

NORMAL

16:00

17:30

1.5

PRESTIM, PRE OPS

WIRELINE

WL_GR/JB

RIH W/ CCL,4.625"GR, & JB to 9060', POOH

NORMAL

17:30

19:40

2.167

PRESTIM, PRE OPS

NONOPS

PAD

Wait on Pad ops

NORMAL

19:40

21:30

1.833

PRESTIM, PRE OPS

WIRELINE

WL_CBL

RIH w/ CCL GR,& RCBL tools to a depth of 9,100',Run RCBL while POOH.Est TOC @ 6,765'

NORMAL

21:30

06:00

8.5

PRESTIM, PRE OPS

NONOPS

PAD

Wait on Pad ops

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

BULLPEN

2/2/2017 14:00

PUMPDOWN

<Supply Item Description?>, <Type?>

Total Received

Total Consumed

Total Returned

Stimulations Summary

Stim/Treat Company

Diversion Company

Diversion Method

Start Date

End Date

Job

PIONEER PUMPING SERVICES

COMPOSITE PLUG

OCM, 2/1/2017 20:00

Number of Treatment Intervals

Design Number of Treatment Intervals

Volume Clean Total (bbl)

Proppant Total (lb)

0

66

0.00

0.0

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

Rig #

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/4/2017

3

040671

\$5,817,472.00

\$134,417.52

\$20,474.25

Asset Team Identifier

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020002

42-461-40446-0000

949805-004

SPRABERRY (TREND AREA)

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Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCM

2/1/2017

AFE APPROVED

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

MILESTONE

TURN OVER TO PRODUCTION

Date

Type

Subtype

Note

MILESTONE

READY TO START (RTS)

Date

Type

Subtype

Note

3/2/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

17:30

MEETING

PRE-TOUR

NIGHT

Discussed JSA's Potential hazards,muster points,& nearest hospital

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

MORALES, JAMES

SUPERINTENDE NT

432-634-4135

ROBERTS, JOE

FOREMAN

DAY

580-736-4046

ELLIS, BOBBY

FOREMAN

DAY

325-574-3651

WINKLER, RYAN

FOREMAN

DAY

254-205-8247

BELCHER, BOB

FOREMAN

NIGHT

940-257-5660

940-257-4658

HATHCOAT, ANDREW

SUPERVISOR

NIGHT

903-439-5529

TREJO, JEREMIAH

FOREMAN

NIGHT

682-229-0983

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

Wait on Pad ops

Operations Summary

Open Toe Sleeve / Perf Stg 1

Operations Next Report Period

MIRU PPS 3

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

10:00

4

IDLE, WO PRESTIM OPS

TEST

TEST_LINE

Test Lines / PD and FB / Repair multiple FB side Leaks

NORMAL

1

2.17

10:00

13:04

3.08

PRESTIM, OPS

NONOPS

PAD

Wait on 6H, 5H Wells

NORMAL

13:04

13:20

0.26

PRESTIM, OPS

TEST

TEST_CSG

Test Casing to 7843 PSI / Good Test

NORMAL

13:20

14:01

0.68

PRESTIM, OPS

PUMP DOWN

PD_SLEEVE

Brought PSI up to 9532 psi @ 1-2 bpm, Sleeve opened in 11 min and leveled off @ 3384 psi / - Increased Rate to 18 bpm @ 5950 psi for Injection Test / Pumped 425 BBLS to Flush well to make sure we would not psi up due to excessive grease when running Gauge Ring and JB.

NORMAL

14:01

19:31

5.5

PRESTIM, OPS

NONOPS

PAD

Wait on Pad Ops

NORMAL

2

0.02

19:31

00:26

4.917

PRESTIM, OPS

PUMP DOWN

PD_ACID

Pumped 500 gallons Limonene,& 1,000 gallons 15% HCL & flushed with 475 bbls fresh water, EIR of 16 bpm @ 5,040 psi.

NORMAL

2

3.73

00:26

01:02

0.61

PRESTIM, OPS

WIRELINE

WL_LUB_RU

RU & Test Lube to 9,000 psi.

NORMAL

01:02

02:57

1.905

PRESTIM, OPS

WIRELINE

WL_RUNDN

RIH w/ plug & guns

NORMAL

02:57

03:01

0.08

PRESTIM, OPS

WIRELINE

WL_PERF

P/P Stage 1

NORMAL

03:01

04:24

1.38

PRESTIM, OPS

WIRELINE

WL_LOG

Run CCL Log of Lateral while POOH

NORMAL

04:24

04:29

0.08

PRESTIM, OPS

WIRELINE

WL_LUB_RD

RD Lube

NORMAL

04:29

06:00

1.52

PRESTIM, POST OPS

NONOPS

PAD

Wait on Pad Ops

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

WELL FLUID

1,671.0

1,671.0

0.0

0.0

1,671.0

Interval Problems

PAD DOWN, PAD, OFFSET WELL, 2/3/2017 07:45

Ref #

End Date

Dur (Net) (hr)

Excl....

Accountable Party

Est Cost (Cost)

Comment

1

2/3/2017 09:55

2.17

No

F2 OILFIELD SERVICES LLC

Had to fix Several Leaks on Flow Back Iron

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/4/2017
3
040671
\$5,817,472.00
\$134,417.52
\$20,474.25

Interval Problems

MISC. SERVICES, PUMP DOWN PUMP, CENTRIFUGAL PUMP, 2/3/2017 19:30

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
2	2/3/2017 23:15	3.75	No	PNR PUMPING SERVICES LLC		Cetrifugal on transfer pump not working,respotted acid transport & ran off of frac pump

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELINE
PIONEER PUMPING SERVICES	BULLPEN	2/2/2017 14:00		PUMPDOWN

DIESEL, DYED

Total Received	Total Consumed	Total Returned
0.0	0.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
1	No	CONVENTIONAL PERF	19,032.0	19,034.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
1	No	CONVENTIONAL PERF	19,062.0	19,064.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
1	No	CONVENTIONAL PERF	19,092.0	19,094.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
1	No	CONVENTIONAL PERF	19,122.0	19,124.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
1	No	CONVENTIONAL PERF	19,152.0	19,154.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG			OCM, 2/1/2017 20:00
Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)		
0	66	0.00	0.0		

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/4/2017 02:56	4.38	19,169.0	19,171.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/5/2017

4

040671

\$5,817,472.00

\$154,810.05

\$23,369.14

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
Date	Type	Subtype	Note
	MILESTONE	READY TO START (RTS)	
Date	Type	Subtype	Note
3/2/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Discussed JSA's Potential hazards,muster points,& nearest hospital
17:00	MEETING	PRE-TOUR	DAY / NIGHT	Held Pre-Frac Safety Meeting W/ all vendors, Discuss Scope of Work, Job Design, Vendor Expectations, Potential Hazards, R2LB,

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL	COMPLETION ENGINEER		214-908-8152		
MORALES, JAMES	SUPERINTENDE NT		432-634-4135		
ROBERTS, JOE	FOREMAN	DAY	580-736-4046		
ELLIS, BOBBY	FOREMAN	DAY	325-574-3651		
WINKLER, RYAN	FOREMAN	DAY	254-205-8247		
BELCHER, BOB	FOREMAN	NIGHT	940-257-5660	940-257-4658	
HATHCOAT, ANDREW	SUPERVISOR	NIGHT	903-439-5529		
TREJO, JEREMIAH	FOREMAN	NIGHT	682-229-0983		

Personnel Log

Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
Wait on Pad ops		
Operations Summary		
MIRU PPS 3		
Operations Next Report Period		
Stim Ops		
Remarks		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	18:00	12	STIM, PRE OPS	SETUP	RURD	MIRU PPS 3	NORMAL			
18:00	06:00	12	STIM, PRE OPS	NONOPS	PAD	Wait on Coil Ops on 6H Well	NORMAL	3	12.00	

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
WELL FLUID	1,671.0	0.0	0.0	0.0	1,671.0

Interval Problems

PAD DOWN, PAD, OFFSET WELL, 2/4/2017 18:00

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
3			No	PIONEER NATURAL RESOURCES USA INC		Wait on 6H Coil OPS

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELINE
PIONEER PUMPING SERVICES	BULLPEN	2/2/2017 14:00		PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
0.0	0.0	0.0

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG			OCM, 2/1/2017 20:00
Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)		
0	66	0.00	0.0		

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/6/2017

5

040671

\$5,817,472.00

\$274,729.47

\$119,919.42

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/4/2017

MILESTONE

TURN OVER TO PRODUCTION

3/2/2017

MILESTONE

READY TO START (RTS)

3/2/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Discussed JSA's Potential hazards,muster points,& nearest hospital

17:30

MEETING

PRE-TOUR

NIGHT

Discussed JSA's Potential hazards,muster points,& nearest hospital

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

MORALES, JAMES

SUPERINTENDE NT

432-634-4135

ROBERTS, JOE

FOREMAN

DAY

580-736-4046

ELLIS, BOBBY

FOREMAN

DAY

325-574-3651

WINKLER, RYAN

FOREMAN

DAY

254-205-8247

BELCHER, BOB

FOREMAN

NIGHT

940-257-5660

940-257-4658

HATHCOAT, ANDREW

SUPERVISOR

NIGHT

903-439-5529

TREJO, JEREMIAH

FOREMAN

NIGHT

682-229-0983

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

WL Stage 2

STAGES PER DAY

1.0

Operations Summary

MIRU PPS 3

Frac Stage 1

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

10:15

4.25

STIM, OPS

NONOPS

PAD

Wait on Coil Ops on 6H Well

NORMAL

3

4.25

10:15

18:00

7.75

STIM, OPS

SETUP

RURD

Finish RU PPS 3

NORMAL

18:00

01:30

7.5

STIM, OPS

NONOPS

PAD

Wait on on Stim OPS

NORMAL

4

0.77

01:30

01:37

0.13

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

01:37

01:48

0.17

STIM, OPS

TEST

TEST_PRIME

Prime Pumps

NORMAL

5

0.17

01:48

02:16

0.48

STIM, OPS

TEST

TEST_LINE

Test Lines to 9,500 psi

NORMAL

5

0.45

02:16

04:39

2.38

STIM, OPS

FRAC

STIM

Frac Stage 1

NORMAL

1

04:39

04:44

0.08

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

04:44

05:00

0.27

STIM, OPS

WIRELINE

WL_LUB_RU

RU & Test Lube to 9,000 psi

NORMAL

05:00

06:00

0.99

STIM, OPS

WIRELINE

WL_RUNDN

RIH w/ plug & guns

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

WELL FLUID

12,275.0

10,604.0

0.0

0.0

12,275.0

Interval Problems

PAD DOWN, PAD, OFFSET WELL, 2/4/2017 18:00

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

3

2/5/2017 10:15

16.25

No

PIONEER NATURAL RESOURCES USA INC

Wait on 6H Coil OPS

PAD DOWN, PAD, OFFSET WELL, 2/5/2017 22:10

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

4

2/5/2017 22:56

0.77

No

PNR PUMPING SERVICES LLC

PPS bucket testing LA pumps before starting stage on the 5H

PAD DOWN, PAD, OFFSET WELL, 2/6/2017 01:38

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

5

2/6/2017 02:15

0.62

No

PRO OILFIELD SERVICES LLC

Unplanned rehead before perf run on the 5H

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

BULLPEN

2/2/2017 14:00

PUMPDOWN



UNIVERSITY 3-310PU 4H

Job: OCM
Report Date: 2/6/2017
Report #: 5
AFE #: 040671
Total AFE + Sup: \$5,817,472.00
Cum Field Estimate: \$274,729.47
Daily Field Estimate: \$119,919.42

Rigs				
Contractor	Rig #	Start Date	RR Date	Rig Type
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED		
Total Received 0.0	Total Consumed 0.0	Total Returned 0.0

Stimulations Summary						
Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company	Diversion Method COMPOSITE PLUG	Start Date	End Date	Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 1	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 10,650.00		Proppant Total (lb) 385,921.0		

Stimulation Intervals								
Frac Stage 1 on 2/6/2017 02:18								
Proposed? No	Type HYDRAULIC FRACTURE	Date 2/6/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB		Top Depth (ftKB) 19,032.0	Bottom Depth (ftKB) 19,154.0	
Post Job Frac Gradient (...)		Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb)	Proppant In Wellbore (lb)	Proppant Total (lb) 385,921.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 10,650.00
Open Wellhead (psi) 2,482.0	End of Job ISIP (psi)	Close Wellhead (psi)	Breakdown Pressure (psi) 5,349.0	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min)	Avg Slurry Rate (bbl/min)	

Pumping Summary								
Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/6/2017 02:18	2/6/2017 02:30	48.00	48.00				
PAD	2/6/2017 02:30	2/6/2017 02:56	1,429.00	1,477.00				
SLURRY	2/6/2017 02:56	2/6/2017 03:02	595.00	2,072.00	BROWN SAND, 100 MESH	0.25	6,073.0	6,073.0
SLURRY	2/6/2017 03:02	2/6/2017 03:11	714.00	2,786.00	BROWN SAND, 100 MESH	0.50	15,095.0	21,168.0
SLURRY	2/6/2017 03:11	2/6/2017 03:19	786.00	3,572.00	BROWN SAND, 100 MESH	0.75	24,893.0	46,061.0
SLURRY	2/6/2017 03:19	2/6/2017 03:27	714.00	4,286.00	BROWN SAND, 40/70	0.50	14,151.0	60,212.0
SLURRY	2/6/2017 03:27	2/6/2017 03:34	714.00	5,000.00	BROWN SAND, 40/70	0.75	21,980.0	82,192.0
SLURRY	2/6/2017 03:34	2/6/2017 03:41	595.00	5,595.00	BROWN SAND, 40/70	1.00	24,308.0	106,500.0
SLURRY	2/6/2017 03:41	2/6/2017 03:47	595.00	6,190.00	BROWN SAND, 40/70	1.50	37,428.0	143,928.0
SLURRY	2/6/2017 03:47	2/6/2017 03:52	500.00	6,690.00	BROWN SAND, 40/70	1.75	36,522.0	180,450.0
SLURRY	2/6/2017 03:52	2/6/2017 04:02	952.00	7,642.00	BROWN SAND, 30/50	0.50	22,005.0	202,455.0
SLURRY	2/6/2017 04:02	2/6/2017 04:10	738.00	8,380.00	BROWN SAND, 30/50	1.00	31,047.0	233,502.0
SLURRY	2/6/2017 04:10	2/6/2017 04:17	595.00	8,975.00	BROWN SAND, 30/50	1.50	36,828.0	270,330.0
SLURRY	2/6/2017 04:17	2/6/2017 04:23	476.00	9,451.00	BROWN SAND, 30/50	2.00	40,378.0	310,708.0
SLURRY	2/6/2017 04:23	2/6/2017 04:27	295.00	9,746.00	BROWN SAND, 30/50	3.00	34,576.0	345,284.0
SLURRY	2/6/2017 04:27	2/6/2017 04:31	382.00	10,128.00	BROWN SAND, 20/40	3.00	40,637.0	385,921.0
FLUSH	2/6/2017 04:31	2/6/2017 04:40	522.00	10,650.00				385,921.0
PUMP DOWN	2/6/2017 00:00	2/6/2017 00:00		10,650.00				385,921.0

Proppants		
Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/7/2017

6

040671

\$5,817,472.00

\$564,282.24

\$230,894.77

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)				
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0				
Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2					
ORIG COMPLETION	OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS					
Job Dates										
Date	Type	Subtype			Note					
	MILESTONE	TURN OVER TO PRODUCTION								
Date	Type	Subtype			Note					
2/4/2017	MILESTONE	READY TO START (RTS)								
Date	Type	Subtype			Note					
3/2/2017	PLAN	STIMULATION END								
Safety Checks										
Time	Type	Des	Tour	Com						
06:01	MEETING	PRE-TOUR	DAY	Discussed JSA's Potential hazards,muster points,& nearest hospital, R2LB						
17:30	MEETING	PRE-TOUR	NIGHT	Discussed JSA's Potential hazards,muster points,& nearest hospital, R2LB						
Daily Contacts on Location										
Contact Name		Title	Tour	Mobile	Alt Mobile #	Note				
THOMAS, MICHAEL		COMPLETION ENGINEER		214-908-8152						
MORALES, JAMES		SUPERINTENDE NT		432-634-4135						
ROBERTS, JOE		FOREMAN	DAY	580-736-4046						
ELLIS, BOBBY		FOREMAN	DAY	325-574-3651						
WINKLER, RYAN		FOREMAN	DAY	254-205-8247						
BELCHER, BOB		FOREMAN	NIGHT	940-257-5660	940-257-4658					
HATHCOAT, ANDREW		SUPERVISOR	NIGHT	903-439-5529						
TREJO, JEREMIAH		FOREMAN	NIGHT	682-229-0983						
Personnel Log										
Company					Count					
SUPREME PRODUCTION SERVICES INC					4					
PRO OILFIELD SERVICES LLC					6					
PIONEER NATURAL RESOURCES USA INC					6					
PNR PUMPING SERVICES LLC					6					
Daily Operations										
Operations at Report Time				Daily Goal Description		Daily Goal - Last 24				
Frac Stage 4				STAGES PER DAY		3.0				
Operations Summary										
Frac Stage 2,3										
Perf Stg 2,3,4										
Operations Next Report Period										
Stim Ops										
Remarks										
Time Log										
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	06:15	0.25	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 2	NORMAL			
06:15	07:22	1.13	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
07:22	07:31	0.15	STIM, OPS	WIRELINE	WL_LUB_RD	RD LUB	NORMAL			
07:31	08:00	0.47	STIM, OPS	WIRELINE	WL_REHEAD	RE-Head	NORMAL			
08:00	10:25	2.43	STIM, OPS	NONOPS	PAD	Wait on Stim Ops	NORMAL			
10:25	10:34	0.15	STIM, OPS	FRAC	IRON	Swap Lines	NORMAL			
10:34	10:45	0.18	STIM, OPS	TEST	TEST_PRIME	PU	NORMAL			
10:45	10:56	0.18	STIM, OPS	TEST	TEST_LINE	PSI Test	NORMAL			
10:56	13:14	2.3	STIM, OPS	FRAC	STIM	Frac Stg 2	NORMAL			2
13:14	16:26	3.2	STIM, OPS	NONOPS	PAD	Wait on 5H WL OPS / MIS RUN	NORMAL	6	2.52	
16:26	16:48	0.37	STIM, OPS	WIRELINE	WL_REHEAD	RE-Head	NORMAL			
16:48	16:56	0.13	STIM, OPS	WIRELINE	WL_LUB_RU	RU LUB / Test 9K	NORMAL			
16:56	17:48	0.87	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
17:48	17:53	0.08	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 3	NORMAL			
17:53	18:41	0.8	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
18:41	19:28	0.78	STIM, OPS	NONOPS	PAD	WL @ 200' Waiting on pad ops	NORMAL			
19:28	19:31	0.05	STIM, OPS	WIRELINE	WL_LUB_RD	RD LUB	NORMAL			
19:31	19:41	0.167	STIM, OPS	TEST	TEST_PRIME	Prime up	NORMAL			
19:41	20:01	0.333	STIM, OPS	NONOPS	PAD	Wait on WL Rehead	NORMAL			

Job:	OCM
Report Date:	2/7/2017
Report #:	6
A/E #:	040671
Total A/E + Sup:	\$5,817,472.00
Cum Field Estimate:	\$564,282.24
Daily Field Estimate:	\$230,894.77



UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 2/7/2017

Report #: 6

AFE #: 040671

Total AFE + Sup: \$5,817,472.00

Cum Field Estimate: \$564,282.24

Daily Field Estimate: \$230,894.77

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
SLURRY	2/6/2017 22:23	2/6/2017 22:28	429.00	10,118.00	BROWN SAND, 20/40	3.00	42,343.0	383,404.0
FLUSH	2/6/2017 22:28	2/6/2017 22:37	515.00	10,633.00				383,404.0
PUMP DOWN	2/6/2017 02:16	2/6/2017 03:23	447.00	11,080.00				383,404.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/6/2017 06:00	4.38	19,015.0	19,017.0			
No	Yes	FRAC PLUG	2/6/2017 17:49	4.38	18,869.0	18,871.0			
No	Yes	FRAC PLUG	2/7/2017 03:18	4.38	18,719.0	18,721.0			

<div><div>PIONEER</div><div>NATURAL RESOURCES</div></div>			<div>UNIVERSITY 3-310PU 4H</div>			<div><div>Job:</div><div>Report Date:</div><div>Report #:</div><div>AFE #:</div><div>Total AFE + Sup:</div><div>Cum Field Estimate:</div><div>Daily Field Estimate:</div></div> <div><div>OCM</div><div>2/8/2017</div><div>7</div><div>040671</div><div>\$5,817,472.00</div><div>\$899,114.29</div><div>\$334,832.05</div></div>				
<div>FRAC FLEET / CREW #</div>										
Contractor				Rig #						
PIONEER PUMPING SERVICES				3						

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0

Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2
ORIG COMPLETION	OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS

Job Dates			
Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

Safety Checks				
Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Discussed JSA's Potential hazards,muster points,& nearest hospital, R2LB
17:30	MEETING	PRE-TOUR	NIGHT	Discussed JSA's Potential hazards,muster points,& nearest hospital, R2LB

Daily Contacts on Location						
Contact Name		Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL		COMPLETION ENGINEER		214-908-8152		
MORALES, JAMES		SUPERINTENDE NT		432-634-4135		
ROBERTS, JOE		FOREMAN	DAY	580-736-4046		
ELLIS, BOBBY		FOREMAN	DAY	325-574-3651		
WINKLER, RYAN		FOREMAN	DAY	254-205-8247		
BELCHER, BOB		FOREMAN	NIGHT	940-257-5660	940-257-4658	
HATHCOAT, ANDREW		SUPERVISOR	NIGHT	903-439-5529		
TREJO, JEREMIAH		FOREMAN	NIGHT	682-229-0983		

Personnel Log	
Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations		
Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
WL Stage 7	STAGES PER DAY	3.0
Operations Summary		
Frac Stage 4,5,6		
Perf Stg 5,6		
Operations Next Report Period		
Stim Ops		
Remarks		

Time Log										
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	07:55	1.93	STIM, OPS	FRAC	STIM	Frac Stg 4	NORMAL			4
07:55	10:52	2.95	STIM, OPS	NONOPS	PAD	Wait on Pad Ops	NORMAL			
10:52	11:03	0.17	STIM, OPS	WIRELINE	WL_LUB_RU	RU LUB / Test 9K	NORMAL			
11:03	11:49	0.78	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
11:49	11:54	0.08	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 5	NORMAL			
11:54	12:43	0.82	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
12:43	13:40	0.95	STIM, OPS	NONOPS	PAD	WL @ 200' Waiting on pad ops	NORMAL			
13:40	13:46	0.1	STIM, OPS	WIRELINE	WL_LUB_RD	RD LUB	NORMAL			
13:46	13:52	0.1	STIM, OPS	FRAC	IRON	Swap Lines	NORMAL			
13:52	14:03	0.18	STIM, OPS	TEST	TEST_PRIME	Prime Pumps	NORMAL			
14:03	14:14	0.18	STIM, OPS	TEST	TEST_LINE	Test Lines	NORMAL			
14:14	14:26	0.2	STIM, OPS	NONOPS	PAD	Wait on WL	NORMAL			
14:26	16:39	2.22	STIM, OPS	FRAC	STIM	Frac Stg 5	NORMAL			5
16:39	19:23	2.73	STIM, OPS	NONOPS	PAD	Wait on Pad Ops	NORMAL			
19:23	19:34	0.18	STIM, OPS	WIRELINE	WL_LUB_RU	RU LUB / Test 9K	NORMAL			
19:34	20:29	0.92	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
20:29	20:34	0.08	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 6	NORMAL			
20:34	23:15	2.68	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL	7	1.62	
23:15	23:57	0.7	STIM, OPS	NONOPS	PAD	WL @ 200' Waiting on pad ops	NORMAL			

Job:	OCM
Report Date:	2/8/2017
Report #:	7
A/E #:	040671
Total A/E + Sup:	\$5,817,472.00
Cum Field Estimate:	\$899,114.29
Daily Field Estimate:	\$334,832.05



UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/8/2017
7
040671
\$5,817,472.00
\$899,114.29
\$334,832.05

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/8/2017 00:42	2/8/2017 00:46	24.00	24.00				
PAD	2/8/2017 00:46	2/8/2017 01:09	1,429.00	1,453.00				
SLURRY	2/8/2017 01:09	2/8/2017 01:16	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,181.0	6,181.0
SLURRY	2/8/2017 01:16	2/8/2017 01:25	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,775.0	20,956.0
SLURRY	2/8/2017 01:25	2/8/2017 01:33	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	25,184.0	46,140.0
SLURRY	2/8/2017 01:33	2/8/2017 01:41	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,089.0	61,229.0
SLURRY	2/8/2017 01:41	2/8/2017 01:48	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,496.0	83,725.0
SLURRY	2/8/2017 01:48	2/8/2017 01:54	595.00	5,571.00	BROWN SAND, 40/70	1.00	24,535.0	108,260.0
SLURRY	2/8/2017 01:54	2/8/2017 02:01	595.00	6,166.00	BROWN SAND, 40/70	1.50	36,614.0	144,874.0
SLURRY	2/8/2017 02:01	2/8/2017 02:06	476.00	6,642.00	BROWN SAND, 40/70	1.75	36,287.0	181,161.0
SLURRY	2/8/2017 02:06	2/8/2017 02:16	952.00	7,594.00	BROWN SAND, 30/50	0.50	20,146.0	201,307.0
SLURRY	2/8/2017 02:16	2/8/2017 02:23	738.00	8,332.00	BROWN SAND, 30/50	1.00	30,867.0	232,174.0
SLURRY	2/8/2017 02:23	2/8/2017 02:31	595.00	8,927.00	BROWN SAND, 30/50	1.50	38,079.0	270,253.0
SLURRY	2/8/2017 02:31	2/8/2017 02:36	476.00	9,403.00	BROWN SAND, 30/50	2.00	40,149.0	310,402.0
SLURRY	2/8/2017 02:36	2/8/2017 02:40	286.00	9,689.00	BROWN SAND, 30/50	3.00	35,556.0	345,958.0
SLURRY	2/8/2017 02:40	2/8/2017 02:45	453.00	10,142.00	BROWN SAND, 20/40	3.00	36,078.0	382,036.0
FLUSH	2/8/2017 02:45	2/8/2017 02:52	508.00	10,650.00				382,036.0
PUMP DOWN	2/8/2017 00:00	2/8/2017 00:00		10,650.00				382,036.0

Proppants		
Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole									
Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/7/2017 11:50	4.38	18,567.0	18,569.0			Move 2' DTC
No	Yes	FRAC PLUG	2/7/2017 20:30	4.38	18,419.0	18,421.0			

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

UNIVERSITY 3-310PU 4H

Well Status COMPLETION	Open Formation WOLFCAMP B3 (WFMP B3)	Spud Date 11/10/2016 06:00	On Production Date
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Job: ORIG COMPLETION , Job Start Date: 2/1/2017 20:00

Job Category ORIG COMPLETION	Job Status AFE APPROVED	Permit Num... 819033	Start Date 2/1/2017 20:00	End Date	Job Type OCM	Primary Wellbore Affected SIDETRACK 1	Responsible Grp 2 STIM ENG - MICHAEL THOMAS
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Job Dates			
Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

Rigs					
Proposed?	Contractor	Rig #	Start Date	RR Date	Rig Type
No	PRO OILFIELD SERVICES	1	2/2/2017		WIRELINE
No	PIONEER PUMPING SERVICES	BULLPEN	2/2/2017		PUMPDOWN
No	PIONEER PUMPING SERVICES	3	2/3/2017		FRAC FLEET

Phases					
Phase	Step	Wellbore	Actual Start Date	Actual End Date	Actual Phase Field Est (Cost)
PRESTIM	PRE OPS	ORIGINAL	2/1/2017 20:00	2/3/2017 07:00	170,983.39
IDLE	WO PRESTIM OPS	ORIGINAL	2/3/2017 07:00	2/3/2017 07:00	0.00
PRESTIM	OPS	ORIGINAL	2/3/2017 07:00	2/4/2017 04:30	15,674.97
PRESTIM	POST OPS	ORIGINAL	2/4/2017 04:30	2/4/2017 04:30	0.00
IDLE	WO STIM	ORIGINAL	2/4/2017 04:30	2/4/2017 04:30	0.00
STIM	PRE OPS	ORIGINAL	2/4/2017 04:30	2/4/2017 18:00	12,778.17
STIM	OPS	ORIGINAL	2/4/2017 18:00		928,761.14
STIM	POST OPS	ORIGINAL			
IDLE	WO POSTSTIM	ORIGINAL			
POSTSTIM	PRE OPS	ORIGINAL			
POSTSTIM	DRL OUT	ORIGINAL			
POSTSTIM	POST DO	ORIGINAL			
POSTSTIM	SET PROD	ORIGINAL			
POSTSTIM	POST OPS	ORIGINAL			

Safety Checks						
Date	Type	Safety Checks Per Day	Tour	Inspected By	Des	Com
2/8/2017 06:01	MEETING		DAY	Oscar Chaidez	PRE-TOUR	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.
2/8/2017 17:30	MEETING		NIGHT	R.Winkler/J.Roberts/B.Ellis	PRE-TOUR	Discussed JSA's Potential hazards,muster points,& nearest hospital, R2LB

Daily Operations Data From: 2/8/2017 06:00 - Date To: 2/9/2017 06:00

Report Start Date 2/8/2017 06:00		Report End Date 2/9/2017 06:00	
Operations at Report Time Frac Stg 9		Operations Next Report Period Stim Ops	
Daily Goal Description STAGES PER DAY	Daily Goal - Last 24 3.0	Daily Goal - Next 24 3.0	Goal Comments
Operations Summary Frac Stages 7,8, WL Stages 7,8,9			
Remarks			

Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Activity	Operation	Ops Category	Wellbore	Com	Problem ?	Prob Ref #	Frac Stage
06:00	06:45	0.75	0.75	STIM, OPS	WIRELIN E	WL_RUNDN	NORMAL	SIDETR ACK 1	RIH	No		
06:45	06:50	0.09	0.84	STIM, OPS	WIRELIN E	WL_PERF	NORMAL	SIDETR ACK 1	Plug @ 18,269'	No		
06:50	07:40	0.83	1.67	STIM, OPS	WIRELIN E	WL_RUNUP	NORMAL	SIDETR ACK 1	POOH	No		
07:40	08:45	1.08	2.75	STIM, OPS	NONOPS	PAD	NORMAL	SIDETR ACK 1	Waiting on off set well	No		

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Time Log													Problem ?	Prob Ref #	Frac Stage
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Activity	Operation	Ops Category	Wellbore	Com						
08:45	08:51	0.1	2.85	STIM, OPS	WIRELINE	WL_LUB_R D	NORMAL	SIDETR ACK 1	RD Lub				No		
08:51	08:55	0.08	2.93	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron				No		
08:55	08:58	0.05	2.98	STIM, OPS	TEST	TEST_PRIME	NORMAL	SIDETR ACK 1	Prime				No		
08:58	09:04	0.09	3.07	STIM, OPS	TEST	TEST_LINE	NORMAL	SIDETR ACK 1	Test lines				No		
09:04	13:41	4.62	7.69	STIM, OPS	FRAC	STIM	NORMAL	SIDETR ACK 1	Frac stage 7/Waited on WL to come off the 5H and go in the 6H in order to catch up with WL ops.				Yes	8	7
13:41	13:46	0.08	7.77	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron				No		
13:46	13:58	0.2	7.97	STIM, OPS	WIRELINE	WL_LUB_R U	NORMAL	SIDETR ACK 1	RU Lub/Test to 9,000 psi				No		
13:58	14:47	0.82	8.79	STIM, OPS	WIRELINE	WL_RUNDN	NORMAL	SIDETR ACK 1	RIH				No		
14:47	14:52	0.08	8.87	STIM, OPS	WIRELINE	WL_PERF	NORMAL	SIDETR ACK 1	Plug @ 18,119'				No		
14:52	15:38	0.77	9.64	STIM, OPS	WIRELINE	WL_RUNUP	NORMAL	SIDETR ACK 1	POOH				No		
15:38	15:47	0.15	9.79	STIM, OPS	WIRELINE	WL_LUB_R D	NORMAL	SIDETR ACK 1	RD Lub				No		
15:47	18:50	3.05	12.84	STIM, OPS	NONOPS	PAD	NORMAL	SIDETR ACK 1	Waiting on off set well				No		
18:50	18:55	0.08	12.92	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron				No		
18:55	19:06	0.18	13.1	STIM, OPS	TEST	TEST_PRIME	NORMAL	SIDETR ACK 1	Prime				No		
19:06	19:28	0.37	13.47	STIM, OPS	TEST	TEST_LINE	NORMAL	SIDETR ACK 1	Test lines				No		
19:28	21:38	2.17	15.64	STIM, OPS	FRAC	STIM	NORMAL	SIDETR ACK 1	Frac stage 8				No		8
21:38	21:54	0.27	15.91	STIM, OPS	WIRELINE	WL_LUB_R U	NORMAL	SIDETR ACK 1	RU Lub/Test to 9,000 psi				No		
21:54	22:46	0.87	16.78	STIM, OPS	WIRELINE	WL_RUNDN	NORMAL	SIDETR ACK 1	RIH				No		
22:46	22:51	0.08	16.86	STIM, OPS	WIRELINE	WL_PERF	NORMAL	SIDETR ACK 1	P/P Stg 9				No		
22:51	23:36	0.75	17.61	STIM, OPS	WIRELINE	WL_RUNUP	NORMAL	SIDETR ACK 1	POOH				No		
23:36	23:41	0.08	17.69	STIM, OPS	WIRELINE	WL_LUB_R D	NORMAL	SIDETR ACK 1	RD Lub				No		
23:41	00:11	0.5	18.19	STIM, OPS	WIRELINE	WL_REHEAD	NORMAL	SIDETR ACK 1	Re-Head				No		
00:11	02:53	2.7	20.89	STIM, OPS	NONOPS	PAD	NORMAL	SIDETR ACK 1	Waiting on off set well				No		
02:53	02:58	0.08	20.97	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron				No		
02:58	03:03	0.08	21.05	STIM, OPS	TEST	TEST_PRIME	NORMAL	SIDETR ACK 1	Prime				No		
03:03	03:51	0.8	21.85	STIM, OPS	TEST	TEST_LINE	NORMAL	SIDETR ACK 1	Test lines/Bad Flapper Valve on Missile / Change out Flapper Valve				Yes	9	
03:51	06:00	2.15	24	STIM, OPS	FRAC	STIM	NORMAL	SIDETR ACK 1	Frac stage 9				No		9

Recurring Costs																			
Item Des	Gen	Sub	Sub C	Day Use Rate (Cost/day)	Other Rate 1 (Cost/unit)	Vendor	Note	Ticket	Carry forward?	Ops Category	Qty	Day Charge	Additional Amount (Cost)	Other Rate 1	Field Est (Cost)	Custom Phase Allocation	Custom AFE Allocation	Custom Interval Pr	Note
SUPERVISION	016	319	02	353.34		PIONEER NATURAL RESOURCES USA INC	OTHER SUPERVISION (3 WELL PAD)	NA	Yes	NORMAL		Yes			353.34		040671		

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Recurring Costs

Item Des	Gen	Sub	Sub Cat	Day Use Rate (Cost/day)	Other Rate 1 (Cost/day)	Vendor	Note	Ticket	Carry forward?	Ops Category	Qty	Day Charge	Additonal Amount (Cost)	Other Rate 1	Field Est (Cost)	Custom Phase Allocation	Custom AFE Allocation	Custom Interval	Note
SUPERVISOR	016	319	0	1,835.00		PIONEER NATURAL RESOURCES USA INC	WELLSITE CONSULTANTS QTY = (# MEN / # WELLS) EXAMPLE 5 GUYS ON 3 WELL PAD = 5/3. WELLVIEW WILL AUTOMATICALLY CHANGE FRACTION TO DECIMAL PIONT AND DUE CALCUALTION WHEN YOU HIT RUN CALCS	NA	Yes	NOR MAL	2.0	Yes			3,670.00		040671		
WATER - COMMODITY	016	367	0		1.25	PIONEER WATER MANAGEMENT	PWM PRICE PER BARREL	NA	Yes	NOR MAL		Yes		407.0	508.75		040671		Perf Stg 7
WATER - COMMODITY	016	367	0		1.25	PIONEER WATER MANAGEMENT	PWM PRICE PER BARREL	NA	Yes	NOR MAL		Yes		10,894.0	13,617.50		040671		Frac Stg 7 / Perf Stg 8
WATER - COMMODITY	016	367	0		1.25	PIONEER WATER MANAGEMENT	PWM PRICE PER BARREL	NA	Yes	NOR MAL		Yes		10,891.0	13,613.75		040671		Frac Stg 8 / Perf Stg 9

Daily Costs

Carry forward?	Cost Des	Gen	Sub	Sub Cat	Ops Category	Field Est (Cost)	Vendor	Fld Tkt	Note	Custom Phase Allocation	Custom AFE Allocation	Custom Interval Problem Allocation
Yes	CATERING/ WELLSITE SUBSISTENCE	016	361	00	NORMAL	466.67	TANMAR RENTALS LLC	N/A	2 Living trailers, 1 office trailer / \$1400 Total Avg Daily Cost for Rental, Cleaning, Fueling etc. / Split 3 Wells / \$466.67 per well			040671
Yes	RENTAL: FRAC VALVES	016	312	28	NORMAL	570.00	SUPREME PRODUCTION SERVICES INC	N/A	Daily Cost for Frac Stack			040671
Yes	RENTAL EQUIPMENT	016	312	00	NORMAL	85.00	DOUBLE T OILFIELD SERVICE LLC	N/A	Well Head Stands			040671
Yes	RENTAL EQUIPMENT	016	312	00	NORMAL	571.00	ENERGY WASTE	N/A	LP,ML,FL,POJ's daily cost / \$1117 Total Cost / \$571 daily Cost for Toe Prep			040671
Yes	RENTAL: PUMP DOWN PUMP/SERVICES	016	312	32	NORMAL	1,566.66	PNR PUMPING SERVICES LLC	N/A	Pump Down Pumps			040671
Yes	FUEL (DIESEL/PROPANE/BUTANE)	016	324	00	NORMAL	250.00	PNR PUMPING SERVICES LLC	N/A	Fuel Surcharge for Pump Down			040671
Yes	RENTAL EQUIPMENT	016	312	00	NORMAL	187.00	PIONEER WELL SERVICES LLC	N/A	Tank Rentals - 7 Frac tanks (\$28), 3-FB Tanks (\$65), 2-Acid Tanks(\$85), \$561 Total, Split 3 Wells, \$187 per well			040671
Yes	RENTAL: SAFETY/ MONITORING/CONTAINMENT	016	312	39	NORMAL	83.33	SAFETY AUTOMATION TECH	N/A	H2S Monitors/ \$250 Total Daily Cost / Split 3 Wells / \$83.33 per well			040671

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Daily Costs

Carry forward?	Cost Des	Gen	Sub	Sub Cat	Ops Category	Field Est (Cost)	Vendor	Fld Tkt	Note	Custom Phase Allocation	Custom AFE Allocation	Custom Interval Problem Allocation
Yes	RENTAL: FRAC VALVES	016	312	28	NORMAL	600.00	SUPREME PRODUCTION SERVICES INC	N/A	Valve Operator / \$1800 a day / Split 3 Wells / \$600 per well		040671	
Yes	RENTAL: SAFETY/ MONITORING/CONTAINMENT	016	312	39	NORMAL	245.47	SELECT ENERGY SERVICES LLC	N/A	Containment Rental/ \$736.40 Total Daily Cost/ Split 3 Wells/ \$245.47 per well		040671	
Yes	RENTAL EQUIPMENT	016	312	00	NORMAL	80.00	ENVIRO VAT	N/A	Envirovat / \$240 Total Daily Cost/Split 3 Wells/ \$80 per well		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	566.67	BAKER HUGHES	N/A	Plug Hand 1,700.00 Per Day / Split 3 Wells / 566.67 per well		040671	
Yes	WIRELINE SERVICES	016	314	00	NORMAL	2,333.33	PRO OILFIELD SERVICES LLC	N/A	WL Daily Charge/\$7000 Daily Charge/ Split 3 Wells/\$2333.33 per well		040671	
Yes	WELL STIMULATION	016	315	00	NORMAL	91,892.26	PNR PUMPING SERVICES LLC	N/A	Frac Stage 7		040671	
Yes	WELL STIMULATION	016	315	00	NORMAL	91,919.60	PNR PUMPING SERVICES LLC	N/A	Frac Stage 8		040671	
Yes	WIRELINE SERVICES	016	314	00	NORMAL	1,750.00	PRO OILFIELD SERVICES LLC	N/A	Perf Stg 7 / \$1750 per run		040671	
Yes	WIRELINE SERVICES	016	314	00	NORMAL	1,750.00	PRO OILFIELD SERVICES LLC	N/A	Perf Stg 8 / \$1750 per run		040671	
Yes	WIRELINE SERVICES	016	314	00	NORMAL	1,750.00	PRO OILFIELD SERVICES LLC	N/A	Perf Stg 9 / \$1750 per run		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	1,000.00	BAKER HUGHES	N/A	Plug Stg 7 / \$1000 per plug		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	1,000.00	BAKER HUGHES	N/A	Plug Stg 8 / \$1000 per plug		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	1,000.00	BAKER HUGHES	N/A	Plug Stg 9 / \$1000 per plug		040671	

Daily Contacts

Job Contact	Tour	Office	Mobile	Alt Mobile #
THOMAS, MICHAEL, COMPLETION ENGINEER		972-969-3972	214-908-8152	
MORALES, JAMES, SUPERINTENDENT		432-571-2800	432-634-4135	
ROBERTS, JOE, FOREMAN	NIGHT		580-736-4046	
ELLIS, BOBBY, FOREMAN	NIGHT		325-574-3651	
WINKLER, RYAN, FOREMAN	NIGHT		254-205-8247	
CHAIDEZ, OSCAR, FOREMAN	DAY		432-413-0513	
VIETH, JONATHAN, FOREMAN	DAY			
TAYLOR, TRACE, FOREMAN	DAY		817-307-2535	

Personnel Log

Carry forward?	Company	Count
Yes	SUPREME PRODUCTION SERVICES INC	4
Yes	PRO OILFIELD SERVICES LLC	6
Yes	PIONEER NATURAL RESOURCES USA INC	6
Yes	PNR PUMPING SERVICES LLC	6

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Interval Problems

PAD DOWN, PAD, Reference #1

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	1	2/3/2017 07:45	2/3/2017 09:55	2.17	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			F2 OILFIELD SERVICES LLC		

Comment
Had to fix Several Leaks on Flow Back Iron

MISC. SERVICES, PUMP DOWN PUMP, Reference #2

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	2	2/3/2017 19:30	2/3/2017 23:15	3.75	MISC. SERVICES	PUMP DOWN PUMP	CENTRIFUGAL PUMP
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Cetrifugal on transfer pump not working,respotted acid transport & ran off of frac pump

PAD DOWN, PAD, Reference #3

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
Yes	3	2/4/2017 18:00	2/5/2017 10:15	16.25	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PIONEER NATURAL RESOURCES USA INC		

Comment
Wait on 6H Coil OPS

PAD DOWN, PAD, Reference #4

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	4	2/5/2017 22:10	2/5/2017 22:56	0.77	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
PPS bucket testing LA pumps before starting stage on the 5H

PAD DOWN, PAD, Reference #5

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	5	2/6/2017 01:38	2/6/2017 02:15	0.62	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		

Comment
Unplanned rehead before perf run on the 5H

PAD DOWN, PAD, Reference #6

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	6	2/6/2017 13:29	2/6/2017 16:00	2.52	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		

Comment
MISRUN on the 5H well/ Last 3 Shots did not fire

SURFACE CONDITIONS, HSE, Reference #7

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	7	2/7/2017 21:35	2/7/2017 23:12	1.62	SURFACE CONDITIONS	HSE	SAFETY
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			SAFETY AUTOMATION TECH		

Comment
H2S Alarm between 5 & 6H wells

PAD DOWN, PAD, Reference #8

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	8	2/8/2017 09:05	2/8/2017 10:20	1.25	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			SUPREME PRODUCTION SERVICES INC		

Comment
NTP due to Supreme having to torque up flange on goat head that's connected to PPS riser. By the time Supreme was finished, WL was already POOH on the 6H so we let them come off and stab on the 5H before starting stage 7 on the 4H. We were behind on WL ops.

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Interval Problems

FRAC/STIMULATION EQUIPMENT, MISSILE, Reference #9

Exclude From Problem Ti... No	Reference # 9	Start Date 2/9/2017 03:20	End Date 2/9/2017 03:42	Dur (Net) (hr) 0.37	Problem Type FRAC/STIMULATION EQUIPMENT	Problem Subtype MISSILE	Problem Description VALVE
Failed Item	Estimated Cost (Cost)	Wellbore SIDETRACK 1	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party PNR PUMPING SERVICES LLC		

Comment
Bad Flapper Valve on Missile / Change out Flapper Valve

Job Contacts

Contact Name	Title	Office	Mobile	Alt Mobile #	Email
TORRES, GERRY	VICE PRESIDENT	972-969-3937	972-302-2587		GERARDO.TORRES@PXD.COM
GIGUERE, BREANNE	AREA TEAM LEAD	972-969-5792	214-263-5143		BREANNE.GIGUERE@PXD.COM
THOMAS, MICHAEL	COMPLETION ENGINEER	972-969-3972	214-908-8152		MICHAEL.THOMAS@PXD.COM
MORALES, JAMES	SUPERINTENDENT	432-571-2800	432-634-4135		JAMES.MORALES@PXD.COM
ELLIS, BOBBY	FOREMAN		325-574-3651		BOBBY.ELLIS@PXD.COM
ROBERTS, JOE	FOREMAN		580-736-4046		JOE.ROBERTS@PXD.COM
WINKLER, RYAN	FOREMAN		254-205-8247		RYAN.WINKLER@PXD.COM
BELCHER, BOB	FOREMAN		940-257-5660	940-257-4658	ROBERT.BELCHER@PXD.COM
HATHCOAT, ANDREW	SUPERVISOR		903-439-5529		ANDREW.HATHCOAT@PXD.COM
TREJO, JEREMIAH	FOREMAN		682-229-0983		JEREMIAH.TREJO@PXD.COM
CHAIDEZ, OSCAR	FOREMAN		432-413-0513		OSCAR.CHAIDEZ@PXD.COM
VIETH, JONATHAN	FOREMAN				JONATHAN.VIETH@PXD.COM
TAYLOR, TRACE	FOREMAN		817-307-2535		TRACE.TAYLOR@PXD.COM

Stimulations Summary

Type FRAC	Stim/Treat Company PIONEER PUMPING SERVICES	Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date	Job OCM, 2/1/2017 20:00	Design Int # 66	Actual Int #	Int # 8
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Job Fluids Summary

Fluid	To well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED	0.0	220.0	-220.0
WELL FLUID	89,648.0	0.0	89,648.0

Job Supplies

Vendor SUN COAST RESOURCES INC	Supply Item Description DIESEL	Type DYED	Unit Label GAL
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Job Supply Amounts

DYED					
Date 2/9/2017	Received 2,468	Consumed 2,468	Cum Received 15,146.0	Cum Consumed 15,146.0	Note Stg 6 Frac
DYED					
Date 2/9/2017	Received 2,602	Consumed 2,602	Cum Received 17,748.0	Cum Consumed 17,748.0	Note Stg 7 Frac
DYED					
Date 2/9/2017	Received 2,460	Consumed 2,460	Cum Received 20,208.0	Cum Consumed 20,208.0	Note Stg 8 Frac
DYED					
Date 2/9/2017	Received 88	Consumed 88	Cum Received 20,296.0	Cum Consumed 20,296.0	Note Fuel For LP,ML,FL

Well Fluids

Fluid	To (bbl)	From (bbl)	Purpose	Note
WELL FLUID	407.0			Perf Stg 7
WELL FLUID	10,894.0			Frac Stg 7 / Perf Stg 8
WELL FLUID	10,891.0			Frac Stg 8 / Perf Stg 9

Job Type: OCM

Completions Daily Input

Date 2/9/2017

Report 8

Well Name: UNIVERSITY 3-310PU 4H

Equipment Pressure Tests

Test Type CASING	Test Subtype STANDARD	Date 2/3/2017 13:10	Item Tested PRODUCTION, 19,292.0ftKB	Job OCM, 2/1/2017 20:00	Well Pressure Used? No
Operator	Test Fluid Type	Failed? No	Volume Pumped (bbl) 10.0	Volume Lost (bbl)	Fluid Density (°API)
Comment					
Test Type CASING	Test Subtype TOE SLEEVE	Date 2/3/2017 13:20	Item Tested PRODUCTION, 19,292.0ftKB	Job OCM, 2/1/2017 20:00	Well Pressure Used? No
Operator	Test Fluid Type	Failed? No	Volume Pumped (bbl) 5.0	Volume Lost (bbl)	Fluid Density (°API)
Comment					

Job:	OCM
Report Date:	2/10/2017
Report #:	9
A/E #:	040671
Total A/E + Sup:	\$8,796,761.00
Cum Field Estimate:	\$1,583,171.37
Daily Field Estimate:	\$342,956.75

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/10/2017

9

040671

\$8,796,761.00

\$1,583,171.37

\$342,956.75

Job Supply Amounts								
Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
2/9/2017 13:58	DIESEL	DYED				20,296.0	20,296.0	0.0

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
12	No	CONVENTIONAL PERF	17,382.0	17,384.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
12	No	CONVENTIONAL PERF	17,412.0	17,414.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
12	No	CONVENTIONAL PERF	17,442.0	17,444.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
12	No	CONVENTIONAL PERF	17,472.0	17,474.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
12	No	CONVENTIONAL PERF	17,502.0	17,504.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
11	No	CONVENTIONAL PERF	17,532.0	17,534.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
11	No	CONVENTIONAL PERF	17,562.0	17,564.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
11	No	CONVENTIONAL PERF	17,592.0	17,594.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
11	No	CONVENTIONAL PERF	17,622.0	17,624.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
11	No	CONVENTIONAL PERF	17,652.0	17,654.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
10	No	CONVENTIONAL PERF	17,682.0	17,684.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
10	No	CONVENTIONAL PERF	17,712.0	17,714.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
10	No	CONVENTIONAL PERF	17,742.0	17,744.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
10	No	CONVENTIONAL PERF	17,772.0	17,774.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
10	No	CONVENTIONAL PERF	17,797.0	17,799.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary						
Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company	Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date	Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 11	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 121,627.00			Proppant Total (lb) 4,226,475.0	

Stimulation Intervals								
Frac Stage 10 on 2/9/2017 13:05								
Proposed? No	Type HYDRAULIC FRACTURE	Date 2/9/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 17,682.0	Bottom Depth (ftKB) 17,799.0
Post Job Frac Gradient (...) Pump Power Max (hp) 0.82		Proppant Designed (lb) 384,500.0		Proppant In Formation (lb) 387,067.0	Proppant In Wellbore (lb)	Proppant Total (lb) 387,067.0	Clean Volume Design (bbl/min) 10,523.00	Total Clean Volume (bbl) 11,316.00
Open Wellhead (psi) 2,936.0		End of Job ISIP (psi) 3,493.0	Close Wellhead (psi) 2,804.0	Breakdown Pressure (psi) 4,809.0	Max Treating Pressure (...) 9,138.0	Avg Treating Pressure (...) 8,574.0	Max Slurry Rate (bbl/min) 100.3	Avg Slurry Rate (bbl/min) 96.6
Comment								

Pumping Summary								
Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/9/2017 13:06	2/9/2017 13:10	24.00	24.00				
PAD	2/9/2017 13:10	2/9/2017 13:35	1,184.00	1,208.00				
PAD	2/9/2017 14:22	2/9/2017 14:28	489.00	1,697.00				
SLURRY	2/9/2017 14:28	2/9/2017 14:35	595.00	2,292.00	BROWN SAND, 100 MESH	0.25	6,961.0	6,961.0
SLURRY	2/9/2017 14:35	2/9/2017 14:42	714.00	3,006.00	BROWN SAND, 100 MESH	0.50	14,985.0	21,946.0
SLURRY	2/9/2017 14:42	2/9/2017 14:50	786.00	3,792.00	BROWN SAND, 100 MESH	0.75	24,693.0	46,639.0
SLURRY	2/9/2017 14:50	2/9/2017 14:58	714.00	4,506.00	BROWN SAND, 40/70	0.50	14,691.0	61,330.0
SLURRY	2/9/2017 14:58	2/9/2017 15:05	714.00	5,220.00	BROWN SAND, 40/70	0.75	22,199.0	83,529.0
SLURRY	2/9/2017 15:05	2/9/2017 15:12	595.00	5,815.00	BROWN SAND, 40/70	1.00	24,645.0	108,174.0
SLURRY	2/9/2017 15:12	2/9/2017 15:18	595.00	6,410.00	BROWN SAND, 40/70	1.50	37,449.0	145,623.0
SLURRY	2/9/2017 15:18	2/9/2017 15:23	476.00	6,886.00	BROWN SAND, 40/70	1.75	34,761.0	180,384.0
SLURRY	2/9/2017 15:23	2/9/2017 15:34	952.00	7,838.00	BROWN SAND, 30/50	0.50	18,612.0	198,996.0
SLURRY	2/9/2017 15:34	2/9/2017 15:41	738.00	8,576.00	BROWN SAND, 30/50	1.00	30,151.0	229,147.0
SLURRY	2/9/2017 15:41	2/9/2017 15:49	595.00	9,171.00	BROWN SAND, 30/50	1.50	38,594.0	267,741.0
SLURRY	2/9/2017 15:49	2/9/2017 15:57	815.00	9,986.00	BROWN SAND, 30/50	2.00	67,276.0	335,017.0
SLURRY	2/9/2017 15:57	2/9/2017 15:58	219.00	10,205.00	BROWN SAND, 30/50	3.00	11,084.0	346,101.0
SLURRY	2/9/2017 15:58	2/9/2017 16:03	280.00	10,485.00	BROWN SAND, 20/40	3.00	40,966.0	387,067.0
FLUSH	2/9/2017 16:03	2/9/2017 16:12	470.00	10,955.00				387,067.0
PUMP DOWN	2/9/2017 19:05	2/9/2017 20:01	361.00	11,316.00				387,067.0

Proppants		
Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 11 on 2/9/2017 22:05								
Proposed? No	Type HYDRAULIC FRACTURE	Date 2/9/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 17,532.0	Bottom Depth (ftKB) 17,654.0
Post Job Frac Gradient (...) Pump Power Max (hp) 0.82		Proppant Designed (lb) 384,500.0		Proppant In Formation (lb) 381,666.0	Proppant In Wellbore (lb)	Proppant Total (lb) 381,666.0	Clean Volume Design (bbl/min) 10,523.00	Total Clean Volume (bbl) 10,943.00
Open Wellhead (psi) 2,964.0		End of Job ISIP (psi) 3,517.0	Close Wellhead (psi) 3,423.0	Breakdown Pressure (psi) 4,841.0	Max Treating Pressure (...) 8,832.0	Avg Treating Pressure (...) 8,338.0	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 99.2
Comment								

Pumping Summary								
Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/9/2017 22:06	2/9/2017 22:10	24.00	24.00				
PAD	2/9/2017 22:10	2/9/2017 22:32	1,429.00	1,453.00				
SLURRY	2/9/2017 22:32	2/9/2017 22:38	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,587.0	6,587.0

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/10/2017
9
040671
\$8,796,761.00
\$1,583,171.37
\$342,956.75

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
SLURRY	2/9/2017 23:26	2/9/2017 23:36	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,259.0	202,393.0
SLURRY	2/9/2017 23:36	2/9/2017 23:44	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,117.0	233,510.0
SLURRY	2/9/2017 23:44	2/9/2017 23:51	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,332.0	270,842.0
SLURRY	2/9/2017 23:51	2/9/2017 23:56	476.00	9,403.00	BROWN SAND, 30/50	2.00	38,970.0	309,812.0
SLURRY	2/9/2017 23:56	2/9/2017 23:59	286.00	9,689.00	BROWN SAND, 30/50	3.00	24,762.0	334,574.0
SLURRY	2/9/2017 23:59	2/10/2017 00:04	405.00	10,094.00	BROWN SAND, 20/40	3.00	47,092.0	381,666.0
FLUSH	2/10/2017 00:04	2/10/2017 00:10	491.00	10,585.00				381,666.0
PUMP DOWN	2/10/2017 03:10	2/10/2017 04:12	358.00	10,943.00				381,666.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/9/2017 10:51	4.38	17,814.0	17,816.0			
No	Yes	FRAC PLUG	2/9/2017 19:56	4.38	17,669.0	17,671.0			
No	Yes	FRAC PLUG	2/10/2017 04:07	4.38	17,519.0	17,521.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/11/2017

10

040671

\$8,796,761.00

\$1,818,438.16

\$229,660.14

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020002

42-461-40446-0000

949805-004

SPRABERRY (TREND AREA)

WOLFCAMP B3 (WFMP B3)

11/10/2016

19,320.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCM

2/1/2017

AFE APPROVED

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/2/2017

MILESTONE

READY TO START (RTS)

3/2/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

17:30

MEETING

PRE-TOUR

NIGHT

Discussed OSHA's Potential hazards,muster points,& nearest hospital, R2LB

20:01

PROACTIVE MEASURES

HSE STAND DOWN

NIGHT

Held Stand Down Safety Meeting over washed out iron on 4H

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

MORALES, JAMES

SUPERINTENDE

432-634-4135

ROBERTS, JOE

FOREMAN

NIGHT

580-736-4046

ELLIS, BOBBY

FOREMAN

NIGHT

325-574-3651

WINKLER, RYAN

FOREMAN

NIGHT

254-205-8247

CHAIDEZ, OSCAR

FOREMAN

DAY

432-413-0513

VIETH, JONATHAN

FOREMAN

DAY

TAYLOR, TRACE

FOREMAN

DAY

817-307-2535

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

FRac Stg 14

STAGES PER DAY

3.0

Operations Summary

Frac Stages 12,13

WL Stages 13,14

WL had Misrun Stg 14

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:0

06:0

0.1

STIM, OPS

TEST

TEST_PRIME

Prime

NORMAL

06:0

06:2

0.35

STIM, OPS

TEST

TEST_LINE

Test lines

NORMAL

06:2

08:4

2.24

STIM, OPS

FRAC

STIM

Frac stage 12

NORMAL

12

08:4

12:0

3.32

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

12:0

12:0

0.12

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

12:0

12:2

0.25

STIM, OPS

WIRELINE

WL_LUB_RU

RU Lub/Test to 9,000 psi

NORMAL

12:2

13:0

0.72

STIM, OPS

WIRELINE

WL_RUNDN

RIH

NORMAL

13:0

13:1

0.08

STIM, OPS

WIRELINE

WL_PERF

Plug @ 17,369

NORMAL

13:1

13:5

0.78

STIM, OPS

WIRELINE

WL_RUNUP

POOH

NORMAL

13:5

14:4

0.75

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

14:4

14:4

0.1

STIM, OPS

WIRELINE

WL_LUB_RD

RD Lub

NORMAL

14:4

14:5

0.1

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

14:5

14:5

0.07

STIM, OPS

TEST

TEST_PRIME

Prime

NORMAL

14:5

15:2

0.4

STIM, OPS

TEST

TEST_LINE

Test lines

NORMAL

15:2

20:0

4.63

STIM, OPS

FRAC

STIM

Frac Stage 13

NORMAL

14

2.05

13

20:0

20:1

0.32

STIM, OPS

WIRELINE

WL_LUB_RU

RU Lub/Test to 9,000 psi

NORMAL

20:1

21:1

0.88

STIM, OPS

WIRELINE

WL_RUNDN

RIH

NORMAL

21:1

01:1

4.1

STIM, OPS

WIRELINE

WL_PERF

P/P Stg 14

NORMAL

15

3.95

01:1

02:0

0.73

STIM, OPS

WIRELINE

WL_RUNUP

POOH

NORMAL

02:0

02:3

0.5

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

02:3

02:3

0.08

STIM, OPS

WIRELINE

WL_LUB_RD

RD Lub

NORMAL

02:3

02:4

0.2

STIM, OPS

TEST

TEST_PRIME

Prime

NORMAL

02:4

03:2

0.65

STIM, OPS

NONOPS

PAD

Wait on rehead

NORMAL

03:2

03:4

0.22

STIM, OPS

TEST

TEST_LINE

Test lines

NORMAL

03:4

06:0

2.31

STIM, OPS

FRAC

STIM

Frac Stage 14

NORMAL

14

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED WELL FLUID

147,319.0

24,176.0

1,240.0

780.0

-1,240.0

147,319.0

Interval Problems

FRAC/STIMULATION EQUIPMENT, PUMPS, PACKING, 2/10/2017 07:40

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

12

2/10/2017 07:40

No

PNR PUMPING SERVICES LLC

Lost pumps #11132 & 11021 due to leaking packing.

FRAC/STIMULATION EQUIPMENT, PUMPS, VALVES/SEATS, 2/10/2017 07:55

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

13

2/10/2017 07:55

No

PNR PUMPING SERVICES LLC

Lost pump #11034 due to bad valves and seats.

FRAC/STIMULATION EQUIPMENT, TREATING IRON, STRAIGHT JOINT, 2/10/2017 16:20

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

14

2/10/2017 18:23

2.05

No

PNR PUMPING SERVICES LLC

During our brown .50# sand stage, we sprung a leak on a 20' straight joint due to a blown high pressure seal. Shut down immediately but sand and rate washed out a small section of joint. Flushed well bore with pump down (515 bbls). PPS is swapping out joint and will re prime/test before commencing. Clean out blender tub from being sanded off/ Flush out pumps

Rigs

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/11/2017

10

040671

\$8,796,761.00

\$1,818,438.16

\$229,660.14

DIESEL, DYED									
Total Received 28,197.0				Total Consumed 28,197.0				Total Returned 0.0	

Job Supply Amounts								
Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
2/10/2017 15:33	DIESEL	DYED	66	66		28,197.0	28,197.0	0.0

Perforations											
Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com		Cluster #
14	No	CONVENTIONAL PERF	17,082.0	17,084.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			5
14	No	CONVENTIONAL PERF	17,112.0	17,114.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			4
14	No	CONVENTIONAL PERF	17,142.0	17,144.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			3
14	No	CONVENTIONAL PERF	17,172.0	17,174.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			2
14	No	CONVENTIONAL PERF	17,202.0	17,204.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			1
13	No	CONVENTIONAL PERF	17,232.0	17,234.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			5
13	No	CONVENTIONAL PERF	17,262.0	17,264.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			4
13	No	CONVENTIONAL PERF	17,292.0	17,294.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			3
13	No	CONVENTIONAL PERF	17,322.0	17,324.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			2
13	No	CONVENTIONAL PERF	17,352.0	17,354.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB			1

Stimulations Summary						
Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company	Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date	Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 14	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 155,473.00			Proppant Total (lb) 5,112,307.0	

Stimulation Intervals								
Frac Stage 12 on 2/10/2017 06:27								
Proposed? No	Type HYDRAULIC FRACTURE	Date 2/10/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 17,382.0	Bottom Depth (ftKB) 17,504.0
Post Job Frac Gradient (...)		Pump Power Max (hp) 0.82	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 384,563.0	Proppant In Wellbore (lb)	Proppant Total (lb) 384,563.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 10,954.00
Open Wellhead (psi) 2,939.0		End of Job ISIP (psi) 3,505.0	Close Wellhead (psi) 3,383.0	Breakdown Pressure (psi) 4,619.0	Max Treating Pressure (...) 8,952.0	Avg Treating Pressure (...) 8,435.0	Max Slurry Rate (bbl/min) 97.8	Avg Slurry Rate (bbl/min) 95.2
Comment								

Pumping Summary									
Stage Type	Start Date		End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/10/2017 06:29		2/10/2017 06:35	24.00	24.00				
PAD	2/10/2017 06:35		2/10/2017 06:58	1,429.00	1,453.00				
SLURRY	2/10/2017 06:58		2/10/2017 07:04	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	5,867.0	5,867.0
SLURRY	2/10/2017 07:04		2/10/2017 07:12	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,287.0	20,154.0
SLURRY	2/10/2017 07:12		2/10/2017 07:22	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,709.0	44,863.0
SLURRY	2/10/2017 07:22		2/10/2017 07:28	714.00	4,262.00	BROWN SAND, 40/70	0.50	14,893.0	59,756.0
SLURRY	2/10/2017 07:28		2/10/2017 07:36	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,063.0	81,819.0
SLURRY	2/10/2017 07:36		2/10/2017 07:42	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,037.0	106,856.0
SLURRY	2/10/2017 07:42		2/10/2017 07:49	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,362.0	144,218.0
SLURRY	2/10/2017 07:49		2/10/2017 07:55	476.00	6,642.00	BROWN SAND, 40/70	1.75	34,595.0	178,813.0
SLURRY	2/10/2017 07:55		2/10/2017 08:05	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,600.0	200,413.0
SLURRY	2/10/2017 08:05		2/10/2017 08:13	738.00	8,332.00	BROWN SAND, 30/50	1.00	30,429.0	230,842.0
SLURRY	2/10/2017 08:13		2/10/2017 08:20	595.00	8,927.00	BROWN SAND, 30/50	1.50	39,287.0	270,129.0
SLURRY	2/10/2017 08:20		2/10/2017 08:25	476.00	9,403.00	BROWN SAND, 30/50	2.00	37,000.0	307,129.0
SLURRY	2/10/2017 08:25		2/10/2017 08:29	286.00	9,689.00	BROWN SAND, 30/50	3.00	34,006.0	341,135.0
SLURRY	2/10/2017 08:29		2/10/2017 08:35	445.00	10,134.00	BROWN SAND, 20/40	3.00	43,428.0	384,563.0
FLUSH	2/10/2017 08:35		2/10/2017 08:40	461.00	10,595.00				384,563.0
PUMP DOWN	2/10/2017 12:45		2/10/2017 13:05	359.00	10,954.00				384,563.0

Proppants									
Type				Des			Sand Size		
BROWN SAND				BULK SAND			100 MESH		
BROWN SAND				BULK SAND			30/50		
BROWN SAND				BULK SAND			40/70		
BROWN SAND				BULK SAND			20/40		

Frac Stage 13 on 2/10/2017 15:20								
Proposed? No	Type HYDRAULIC FRACTURE	Date 2/10/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB				Top Depth (ftKB) 17,232.0	Bottom Depth (ftKB) 17,354.0
Post Job Frac Gradient (...) 0.83		Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 385,472.0	Proppant In Wellbore (lb)	Proppant Total (lb) 392,551.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 13,270.00
Open Wellhead (psi) 2,970.0		End of Job ISIP (psi) 3,572.0	Close Wellhead (psi) 3,458.0	Breakdown Pressure (psi) 4,863.0	Max Treating Pressure (...) 9,055.0	Avg Treating Pressure (...) 7,289.0	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 91.1
Comment Had to SD on .5 ppa stage due to seal on Iron, Could not flush well had to SD immediately / 20' Straight joint washed out, Flushed well with PD 515 BBL. Resumed stage when iron was replaced and tested								

Pumping Summary									
Stage Type	Start Date		End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/10/2017 15:21		2/10/2017 15:26	24.00	24.00				
PAD	2/10/2017 15:26		2/10/2017 15:51	1,429.00	1,453.00				
SLURRY	2/10/2017 15:51		2/10/2017 15:57	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,511.0	6,511.0
SLURRY	2/10/2017 15:57		2/10/2017 16:05	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,679.0	21,190.0
SLURRY	2/10/2017 16:05		2/10/2017 16:13	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,841.0	46,031.0
SLURRY	2/10/2017 16:13		2/10/2017 16:20	332.00	4,395.00	BROWN SAND, 40/70	0.50	7,079.0	60,189.0
FLUSH	2/10/2017 16:13		2/10/2017 16:20	515.00	4,063.00		0.50	7,079.0	53,110.0
PAD	2/10/2017 18:25		2/10/2017 18:36	711.00	5,106.00				60,189.0
SLURRY	2/10/2017 18:36		2/10/2017 18:42	602.00	5,708.00	BROWN SAND, 40/70	0.25	6,483.0	66,672.0
SLURRY	2/10/2017 18:42		2/10/2017 18:49	604.00	6,312.00	BROWN SAND, 40/70	0.50	12,387.0	79,059.0

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 2/11/2017

Report #: 10

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$1,818,438.16

Daily Field Estimate: \$229,660.14

Pumping Summary

SLURRY	2/10/2017 19:38	2/10/2017 19:43	476.00	11,313.00	BROWN SAND, 30/50	2.00	39,574.0	319,001.0
SLURRY	2/10/2017 19:43	2/10/2017 19:48	410.00	11,723.00	BROWN SAND, 30/50	3.00	32,689.0	351,690.0
SLURRY	2/10/2017 19:48	2/10/2017 19:53	387.00	12,110.00	BROWN SAND, 20/40	3.00	40,861.0	392,551.0
FLUSH	2/10/2017 19:53	2/10/2017 20:00	483.00	12,593.00				392,551.0
PUMP DOWN	2/10/2017 20:19	2/10/2017 01:18	677.00	13,270.00				392,551.0

Proppants		
Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 14 on 2/11/2017 03:41

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/11/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB				Top Depth (ftKB) 17,082.0	Bottom Depth (ftKB) 17,204.0
Post Job Frac Gradient (...)		Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb)	Proppant In Wellbore (lb)	Proppant Total (lb) 108,718.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 9,622.00
Open Wellhead (psi) 2,974.0		End of Job ISIP (psi)	Close Wellhead (psi)	Breakdown Pressure (psi)	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min)	Avg Slurry Rate (bbl/min)

Comment

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
PAD	2/11/2017 02:46	2/11/2017 04:08	1,429.00	1,429.00				
ACID	2/11/2017 03:42	2/11/2017 03:46	24.00	1,453.00				
SLURRY	2/11/2017 04:08	2/11/2017 04:20	1,004.00	2,457.00	BROWN SAND, 100 MESH	0.25	6,971.0	6,971.0
SLURRY	2/11/2017 04:20	2/11/2017 04:28	714.00	3,171.00	BROWN SAND, 100 MESH	0.50	14,904.0	21,875.0
SLURRY	2/11/2017 04:28	2/11/2017 04:36	786.00	3,957.00	BROWN SAND, 100 MESH	0.75	24,668.0	46,543.0
SLURRY	2/11/2017 04:36	2/11/2017 04:44	714.00	4,671.00	BROWN SAND, 40/70	0.50	15,642.0	62,185.0
SLURRY	2/11/2017 04:44	2/11/2017 04:51	714.00	5,385.00	BROWN SAND, 40/70	0.75	22,175.0	84,360.0
SLURRY	2/11/2017 04:51	2/11/2017 04:57	595.00	5,980.00	BROWN SAND, 40/70	1.00	24,358.0	108,718.0
SLURRY	2/11/2017 04:57	2/11/2017 05:05	595.00	6,575.00	BROWN SAND, 40/70	1.50		108,718.0
SLURRY	2/11/2017 05:05	2/11/2017 05:11		6,575.00	BROWN SAND, 40/70	1.75		108,718.0
SLURRY	2/11/2017 05:11	2/11/2017 05:21	952.00	7,527.00	BROWN SAND, 30/50	0.50		108,718.0
SLURRY	2/11/2017 05:21	2/11/2017 05:31	738.00	8,265.00	BROWN SAND, 30/50	1.00		108,718.0
SLURRY	2/11/2017 05:31	2/11/2017 05:39	595.00	8,860.00	BROWN SAND, 30/50	1.50		108,718.0
SLURRY	2/11/2017 05:39	2/11/2017 05:44	476.00	9,336.00	BROWN SAND, 30/50	2.00		108,718.0
SLURRY	2/11/2017 05:44	2/11/2017 05:48	286.00	9,622.00	BROWN SAND, 30/50	3.00		108,718.0
SLURRY	2/11/2017 05:48	2/11/2017 05:52		9,622.00	BROWN SAND, 20/40	3.00		108,718.0
FLUSH	2/11/2017 05:52	2/11/2017 06:01		9,622.00				108,718.0
PUMP DOWN	2/11/2017 08:30	2/11/2017 00:00		9,622.00				108,718.0

Proppants		
Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/10/2017 13:05	4.38	17,369.0	17,371.0			
No	Yes	FRAC PLUG	2/11/2017 01:13	4.38	17,219.0	17,221.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/12/2017

11

040671

\$8,796,761.00

\$2,151,342.74

\$335,654.58

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0
Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2	
ORIG COMPLETION	OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS	

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness
17:30	MEETING	PRE-TOUR	NIGHT	Discussed PPS-3's Potential hazards,muster points,& nearest hospital, R2LB

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL	COMPLETION ENGINEER		214-908-8152		
MORALES, JAMES	SUPERINTENDE		432-634-4135		
ROBERTS, JOE	FOREMAN	NIGHT	580-736-4046		
ELLIS, BOBBY	FOREMAN	NIGHT	325-574-3651		
WINKLER, RYAN	FOREMAN	NIGHT	254-205-8247		
CHAIDEZ, OSCAR	FOREMAN	DAY	432-413-0513		
VIETH, JONATHAN	FOREMAN	DAY			
TAYLOR, TRACE	FOREMAN	DAY	817-307-2535		

Personnel Log

Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
RTF Stg 17	STAGES PER DAY	3.0
Operations Summary		
Frac Stages 14,15,16		
WL Stages 15,16,17		
Operations Next Report Period		
Stim Ops		
Remarks		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:0	06:0	0.02	STIM, OPS	FRAC	STIM	Frac Stage 14	NORMAL			14
06:0	08:3	2.58	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
08:3	08:4	0.08	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
08:4	08:5	0.3	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub/Test to 9,000	NORMAL			
08:5	09:4	0.73	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
09:4	09:4	0.08	STIM, OPS	WIRELINE	WL_PERF	Plug @ 17,063'	NORMAL			
09:4	10:3	0.73	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
10:3	11:1	0.68	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
11:1	11:2	0.14	STIM, OPS	WIRELINE	WL_LUB_RD	RD Lub	NORMAL			
11:2	11:2	0.08	STIM, OPS	FRAC	IRON	Swing iron	NORMAL			
11:2	11:2	0.07	STIM, OPS	TEST	TEST_PRIME	Prime	NORMAL			
11:2	11:3	0.07	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
11:3	13:5	2.35	STIM, OPS	FRAC	STIM	Frac Stage 15	NORMAL			15
13:5	16:4	2.77	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
16:4	16:4	0.15	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub	NORMAL			
16:4	17:3	0.68	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
17:3	17:3	0.08	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 16	NORMAL			
17:3	18:1	0.7	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
18:1	19:1	1	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
19:1	19:2	0.07	STIM, OPS	WIRELINE	WL_LUB_RD	RD Lub	NORMAL			
19:2	19:2	0.07	STIM, OPS	FRAC	IRON	Swing iron	NORMAL			
19:2	19:3	0.18	STIM, OPS	TEST	TEST_PRIME	Prime	NORMAL			
19:3	19:5	0.27	STIM, OPS	NONOPS	PAD	Wait on WL Rehead	NORMAL			
19:5	20:0	0.12	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
20:0	22:0	2.1	STIM, OPS	FRAC	STIM	Frac Stage 16	NORMAL			16
22:0	00:0	1.92	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
00:0	00:1	0.22	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub	NORMAL			
00:1	01:0	0.82	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
01:0	01:0	0.08	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 17	NORMAL			
01:0	01:5	0.72	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
01:5	01:5	0.08	STIM, OPS	WIRELINE	WL_LUB_RD	RD Lub	NORMAL			
01:5	06:0	4.06	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED WELL FLUID	180,310.0	32,991.0	1,240.0		-1,240.0
					180,310.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>						
Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELINE
PIONEER PUMPING SERVICES	BULLPEN	2/2/2017 14:00		PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
28,197.0	28,197.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
17	No	CONVENTIONAL PERF	16,692.0	16,694.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
17	No	CONVENTIONAL PERF	16,722.0	16,724.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
17	No	CONVENTIONAL PERF	16,752.0	16,754.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
16	No	CONVENTIONAL PERF	16,782.0	16,784.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
16	No	CONVENTIONAL PERF	16,812.0	16,814.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
16	No	CONVENTIONAL PERF	16,842.0	16,844.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
16	No	CONVENTIONAL PERF	16,872.0	16,874.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
16	No	CONVENTIONAL PERF	16,902.0	16,904.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
15	No	CONVENTIONAL PERF	16,932.0	16,934.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
15	No	CONVENTIONAL PERF	16,962.0	16,964.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
15	No	CONVENTIONAL PERF	16,992.0	16,994.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
15	No	CONVENTIONAL PERF	17,022.0	17,024.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
15	No	CONVENTIONAL PERF	17,046.0	17,048.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary

Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company		Diversion Method COMPOSITE PLUG		Start Date 2/6/2017 02:18		End Date		Job OCM, 2/1/2017 20:00	
Number of Treatment Intervals 16		Design Number of Treatment Intervals 66		Volume Clean Total (bbl) 178,914.00				Proppant Total (lb) 6,154,344.0			

Stimulation Intervals

Frac Stage 15 on 2/11/2017 11:33

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/11/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB				Top Depth (ftKB) 16,932.0		Bottom Depth (ftKB) 17,048.0	
Post Job Frac Gradient (...) 0.84		Pump Power Max (hp) 384,500.0		Proppant In Formation (lb) 384,376.0		Proppant In Wellbore (lb) 384,376.0		Proppant Total (lb) 10,523.00		Clean Volume Design (b...) 10,837.00	
Open Wellhead (psi) 3,001.0		End of Job ISIP (psi) 3,623.0		Close Wellhead (psi) 3,280.0		Breakdown Pressure (psi) 4,675.0		Max Treating Pressure (...) 8,974.0		Avg Treating Pressure (...) 8,530.0	
										Max Slurry Rate (bbl/min) 100.8	
										Avg Slurry Rate (bbl/min) 98.6	

Comment

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/11/2017 11:47	2/11/2017 11:53	24.00	24.00				
PAD	2/11/2017 11:53	2/11/2017 12:16	1,429.00	1,453.00				
SLURRY	2/11/2017 12:16	2/11/2017 12:22	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,712.0	6,712.0
SLURRY	2/11/2017 12:22	2/11/2017 12:30	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,471.0	22,183.0
SLURRY	2/11/2017 12:30	2/11/2017 12:38	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,039.0	46,222.0
SLURRY	2/11/2017 12:38	2/11/2017 12:45	714.00	4,262.00	BROWN SAND, 40/70	0.50	14,351.0	60,573.0
SLURRY	2/11/2017 12:45	2/11/2017 12:53	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,431.0	83,004.0
SLURRY	2/11/2017 12:53	2/11/2017 12:59	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,960.0	108,964.0
SLURRY	2/11/2017 12:59	2/11/2017 13:05	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,007.0	145,971.0
SLURRY	2/11/2017 13:05	2/11/2017 13:10	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,346.0	181,317.0
SLURRY	2/11/2017 13:10	2/11/2017 13:20	952.00	7,594.00	BROWN SAND, 30/50	0.50	22,137.0	203,454.0
SLURRY	2/11/2017 13:20	2/11/2017 13:28	738.00	8,332.00	BROWN SAND, 30/50	1.00	29,202.0	232,656.0
SLURRY	2/11/2017 13:28	2/11/2017 13:34	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,939.0	270,595.0
SLURRY	2/11/2017 13:34	2/11/2017 13:40	476.00	9,403.00	BROWN SAND, 30/50	2.00	41,247.0	311,842.0
SLURRY	2/11/2017 13:40	2/11/2017 13:44	286.00	9,689.00	BROWN SAND, 30/50	3.00	37,140.0	348,982.0
SLURRY	2/11/2017 13:44	2/11/2017 13:48	354.00	10,043.00	BROWN SAND, 20/40	3.00	35,394.0	384,376.0
FLUSH	2/11/2017 13:48	2/11/2017 13:54	455.00	10,498.00				384,376.0
PUMP DOWN	2/11/2017 16:49	2/11/2017 17:35	339.00	10,837.00				384,376.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 16 on 2/11/2017 19:59

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/11/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB				Top Depth (ftKB) 16,782.0		Bottom Depth (ftKB) 16,904.0	
Post Job Frac Gradient (...) 0.84		Pump Power Max (hp) 384,500.0		Proppant In Formation (lb) 385,326.0		Proppant In Wellbore (lb) 385,326.0		Proppant Total (lb) 10,523.00		Clean Volume Design (b...) 10,892.00	
Open Wellhead (psi) 2,958.0		End of Job ISIP (psi) 3,642.0		Close Wellhead (psi) 3,585.0		Breakdown Pressure (psi) 4,668.0		Max Treating Pressure (...) 8,793.0		Avg Treating Pressure (...) 8,228.0	
										Max Slurry Rate (bbl/min) 100	
										Avg Slurry Rate (bbl/min) 99.3	

Comment

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/11/2017 20:00	2/11/2017 20:04	24.00	24.00				
PAD	2/11/2017 20:04	2/11/2017 20:25	1,429.00	1,453.00				
SLURRY	2/11/2017 20:25	2/11/2017 20:32	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,222.0	6,222.0
SLURRY	2/11/2017 20:32	2/11/2017 20:39	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,437.0	21,659.0
SLURRY	2/11/2017 20:39	2/11/2017 20:48	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,499.0	46,158.0
SLURRY	2/11/2017 20:48	2/11/2017 20:56	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,418.0	61,576.0
SLURRY	2/11/2017 20:56	2/11/2017 21:02	714.00	4,976.00	BROWN SAND, 40/70	0.75	21,617.0	83,193.0
SLURRY	2/11/2017 21:02	2/11/2017 21:09	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,057.0	108,250.0
SLURRY	2/11/2017 21:09	2/11/2017 21:15	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,519.0	145,769.0
SLURRY	2/11/2017 21:15	2/11/2017 21:20	476.00	6,642.00	BROWN SAND, 40/70	1.75	34,895.0	180,664.0
SLURRY	2/11/2017 21:20	2/11/2017 21:30	952.00	7,594.00	BROWN SAND, 30/50	0.50	20,691.0	201,355.0



UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 2/12/2017

Report #: 11

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$2,151,342.74

Daily Field Estimate: \$335,654.58

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/11/2017 09:42	4.38	17,063.0	17,065.0			
No	Yes	FRAC PLUG	2/11/2017 17:30	4.38	16,919.0	16,921.0			
No	Yes	FRAC PLUG	2/12/2017 01:02	4.38	16,769.0	16,771.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 2/13/2017

Report #: 12

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$2,483,995.87

Daily Field Estimate: \$332,653.13

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

MILESTONE

Subtype

TURN OVER TO PRODUCTION

Note

Date

2/5/2017

Type

MILESTONE

Subtype

READY TO START (RTS)

Note

Date

3/2/2017

Type

PLAN

Subtype

STIMULATION END

Note

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

17:30

MEETING

PRE-TOUR

NIGHT

Discussed USA's Potential hazards,muster points,& nearest hospital, R2LB

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

MORALES, JAMES

SUPERINTENDE

432-634-4135

ROBERTS, JOE

FOREMAN

NIGHT

580-736-4046

ELLIS, BOBBY

FOREMAN

NIGHT

325-574-3651

WINKLER, RYAN

FOREMAN

NIGHT

254-205-8247

CHAIDEZ, OSCAR

FOREMAN

DAY

432-413-0513

VIETH, JONATHAN

FOREMAN

DAY

TAYLOR, TRACE

FOREMAN

DAY

817-307-2535

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

RTF Stg 20

Daily Goal Description

STAGES PER DAY

Daily Goal - Last 24

3.0

Operations Summary

Frac Stages 17,18,19

WL Stages 18,19,20

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:0

06:1

0.17

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

06:1

06:1

0.13

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

06:1

06:2

0.08

STIM, OPS

TEST

TEST_PRIME

Prime

NORMAL

06:2

06:4

0.35

STIM, OPS

TEST

TEST_LINE

Test lines/Test pop-offs

NORMAL

06:4

08:5

2.11

FRAC

STIM

Frac Stage 17

NORMAL

17

08:5

08:5

0.12

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

08:5

09:1

0.25

STIM, OPS

WIRELINE

WL_LUB_RU

RU Lub/Test to 9,000 psi

NORMAL

09:1

09:5

0.68

STIM, OPS

WIRELINE

WL_RUNDN

RIH

NORMAL

09:5

09:5

0.08

STIM, OPS

WIRELINE

WL_PERF

Plug @ 16,619'

NORMAL

09:5

10:4

0.83

STIM, OPS

WIRELINE

WL_RUNUP

POOH

NORMAL

10:4

10:5

0.12

STIM, OPS

WIRELINE

WL_LUB_RD

RD Lub

NORMAL

10:5

11:2

0.42

STIM, OPS

WIRELINE

WL_REHEAD

WL re-head

NORMAL

11:2

14:0

2.75

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

14:0

14:1

0.13

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

14:1

14:3

0.37

STIM, OPS

TEST

TEST_PRIME

Prime/Waiting on WL to stab on the 5H

NORMAL

14:3

14:4

0.08

STIM, OPS

TEST

TEST_LINE

Test lines

NORMAL

14:4

16:4

2.13

STIM, OPS

FRAC

STIM

Frac Stage 18

NORMAL

18

16:4

16:5

0.12

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

16:5

17:0

0.2

STIM, OPS

WIRELINE

WL_LUB_RU

RU Lub/Test to 9,000 psi

NORMAL

17:0

17:5

0.73

STIM, OPS

WIRELINE

WL_RUNDN

RIH

NORMAL

17:5

17:5

0.08

STIM, OPS

WIRELINE

WL_PERF

P/P Stg 19

NORMAL

17:5

18:3

0.67

STIM, OPS

WIRELINE

WL_RUNUP

POOH

NORMAL

18:3

18:4

0.08

STIM, OPS

WIRELINE

WL_LUB_RD

RD Lub

NORMAL

18:4

19:0

0.43

STIM, OPS

WIRELINE

WL_REHEAD

WL re-head

NORMAL

16

0.23

19:0

23:5

4.75

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

16

0.99

23:5

23:5

0.1

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

23:5

00:0

0.2

STIM, OPS

TEST

TEST_PRIME

Prime/Waiting on WL to stab on the 5H

NORMAL

00:0

00:1

0.12

STIM, OPS

TEST

TEST_LINE

Test lines

NORMAL

00:1

02:2

2.07

STIM, OPS

FRAC

STIM

Frac Stage 19

NORMAL

19

02:2

02:3

0.27

STIM, OPS

WIRELINE

WL_LUB_RU

RU Lub/Test to 9,000 psi

NORMAL

02:3

03:2

0.78

STIM, OPS

WIRELINE

WL_RUNDN

RIH

NORMAL

03:2

03:2

0.08

STIM, OPS

WIRELINE

WL_PERF

P/P Stg 20

NORMAL

03:2

04:0

0.67

STIM, OPS

WIRELINE

WL_RUNUP

POOH

NORMAL

04:0

04:1

0.07

STIM, OPS

WIRELINE

WL_LUB_RD

RD Lub

NORMAL

04:1

04:4

0.48

STIM, OPS

WIRELINE

WL_REHEAD

WL re-head

NORMAL

04:4

06:0

1.3

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED

1,307.0

67.0

-1,307.0

WELL FLUID

212,744.0

32,434.0

212,744.0

Interval Problems

PAD DOWN, PAD, OFFSET WELL, 2/12/2017 18:53

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

16

2/12/2017 20:06

1.22

No

PNR PUMPING SERVICES LLC

SD on the 6H Well Due to High PSI Seal Leaking on Riser, Flush Well and Replace Seal

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

BULLPEN

2/2/2017 14:00

PUMPDOWN

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
20	No	CONVENTIONAL PERF	16,182.0	16,184.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
20	No	CONVENTIONAL PERF	16,212.0	16,214.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
20	No	CONVENTIONAL PERF	16,242.0	16,244.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
20	No	CONVENTIONAL PERF	16,272.0	16,274.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
20	No	CONVENTIONAL PERF	16,297.0	16,299.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB	MOve 5' DTC	1
19	No	CONVENTIONAL PERF	16,332.0	16,334.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
19	No	CONVENTIONAL PERF	16,362.0	16,364.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
19	No	CONVENTIONAL PERF	16,392.0	16,394.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
19	No	CONVENTIONAL PERF	16,422.0	16,424.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
19	No	CONVENTIONAL PERF	16,452.0	16,454.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
18	No	CONVENTIONAL PERF	16,482.0	16,484.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
18	No	CONVENTIONAL PERF	16,512.0	16,514.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
18	No	CONVENTIONAL PERF	16,542.0	16,544.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
18	No	CONVENTIONAL PERF	16,572.0	16,574.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
18	No	CONVENTIONAL PERF	16,602.0	16,604.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary

Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company		Diversion Method COMPOSITE PLUG		Start Date 2/6/2017 02:18		End Date		Job OCM, 2/1/2017 20:00	
Number of Treatment Intervals 19		Design Number of Treatment Intervals 66		Volume Clean Total (bbl) 211,420.00				Proppant Total (lb) 7,311,172.0			

Stimulation Intervals

Frac Stage 17 on 2/12/2017 06:44

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/12/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 16,632.0	Bottom Depth (ftKB) 16,754.0
Post Job Frac Gradient (...) 0.83		Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 385,365.0	Proppant In Wellbore (lb)	Proppant Total (lb) 385,365.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 10,796.00
Open Wellhead (psi) 2,974.0		End of Job ISIP (psi) 3,540.0	Close Wellhead (psi) 3,258.0	Breakdown Pressure (psi) 4,710.0	Max Treating Pressure (...) 8,706.0	Avg Treating Pressure (...) 8,220.0	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 99.8
Comment								

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/12/2017 06:43	2/12/2017 06:51	24.00	24.00				
PAD	2/12/2017 06:51	2/12/2017 07:12	1,429.00	1,453.00				
SLURRY	2/12/2017 07:12	2/12/2017 07:19	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,473.0	6,473.0
SLURRY	2/12/2017 07:19	2/12/2017 07:26	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,427.0	20,900.0
SLURRY	2/12/2017 07:26	2/12/2017 07:34	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	26,011.0	46,911.0
SLURRY	2/12/2017 07:34	2/12/2017 07:42	714.00	4,262.00	BROWN SAND, 40/70	0.50	14,487.0	61,398.0
SLURRY	2/12/2017 07:42	2/12/2017 07:50	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,214.0	83,612.0
SLURRY	2/12/2017 07:50	2/12/2017 07:56	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,064.0	108,676.0
SLURRY	2/12/2017 07:56	2/12/2017 08:02	595.00	6,166.00	BROWN SAND, 40/70	1.50	36,510.0	145,186.0
SLURRY	2/12/2017 08:02	2/12/2017 08:07	476.00	6,642.00	BROWN SAND, 40/70	1.75	36,716.0	181,902.0
SLURRY	2/12/2017 08:07	2/12/2017 08:17	952.00	7,594.00	BROWN SAND, 30/50	0.50	24,439.0	206,341.0
SLURRY	2/12/2017 08:17	2/12/2017 08:25	738.00	8,332.00	BROWN SAND, 30/50	1.00	28,589.0	234,930.0
SLURRY	2/12/2017 08:25	2/12/2017 08:31	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,666.0	272,596.0
SLURRY	2/12/2017 08:31	2/12/2017 08:37	476.00	9,403.00	BROWN SAND, 30/50	2.00	42,166.0	314,762.0
SLURRY	2/12/2017 08:37	2/12/2017 08:40	286.00	9,689.00	BROWN SAND, 30/50	3.00	35,136.0	349,898.0
SLURRY	2/12/2017 08:40	2/12/2017 08:45	341.00	10,030.00	BROWN SAND, 20/40	3.00	35,467.0	385,365.0
FLUSH	2/12/2017 08:45	2/12/2017 08:53	448.00	10,478.00				385,365.0
PUMP DOWN	2/12/2017 09:35	2/12/2017 09:53	318.00	10,796.00				385,365.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 18 on 2/12/2017 14:40

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/12/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 16,482.0	Bottom Depth (ftKB) 16,604.0
Post Job Frac Gradient (...) 0.84		Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 387,160.0	Proppant In Wellbore (lb)	Proppant Total (lb) 387,160.0	Clean Volume Design (b...	Total Clean Volume (bbl)
Open Wellhead (psi) 2,964.0		End of Job ISIP (psi) 3,668.0	Close Wellhead (psi) 3,369.0	Breakdown Pressure (psi) 4,667.0	Max Treating Pressure (...) 8,852.0	Avg Treating Pressure (...) 8,267.0	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 99.4
Comment								

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/12/2017 14:40	2/12/2017 14:47	24.00	24.00				
PAD	2/12/2017 14:47	2/12/2017 15:09	1,429.00	1,453.00				
SLURRY	2/12/2017 15:09	2/12/2017 15:16	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,530.0	6,530.0
SLURRY	2/12/2017 15:16	2/12/2017 15:23	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,247.0	20,777.0
SLURRY	2/12/2017 15:23	2/12/2017 15:31	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	25,428.0	46,205.0
SLURRY	2/12/2017 15:31	2/12/2017 15:39	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,141.0	61,346.0
SLURRY	2/12/2017 15:39	2/12/2017 15:46	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,598.0	83,944.0

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/13/2017
12
040671
\$8,796,761.00
\$2,483,995.87
\$332,653.13

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
SLURRY	2/12/2017 16:33	2/12/2017 16:36	286.00	9,689.00	BROWN SAND, 30/50	3.00	32,295.0	341,560.0
SLURRY	2/12/2017 16:36	2/12/2017 16:42	418.00	10,107.00	BROWN SAND, 20/40	3.00	45,600.0	387,160.0
FLUSH	2/12/2017 16:42	2/12/2017 16:48	442.00	10,549.00				387,160.0
PUMP DOWN	2/12/2017 17:07	2/12/2017 17:56	318.00	10,867.00				387,160.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 19 on 2/13/2017 00:17

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/13/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 16,332.0	Bottom Depth (ftKB) 16,454.0
Post Job Frac Gradient (...	Pump Power Max (hp) 0.83	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 384,303.0	Proppant In Wellbore (lb)	Proppant Total (lb) 384,303.0	Clean Volume Design (b...	Total Clean Volume (bbl) 10,843.00	
Open Wellhead (psi) 2,954.0	End of Job ISIP (psi) 3,519.0	Close Wellhead (psi) 3,463.0	Breakdown Pressure (psi) 4,923.0	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 99.5	

Comment

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/13/2017 00:18	2/13/2017 00:22	24.00	24.00				
PAD	2/13/2017 00:22	2/13/2017 00:43	1,429.00	1,453.00				
SLURRY	2/13/2017 00:43	2/13/2017 00:49	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,557.0	6,557.0
SLURRY	2/13/2017 00:49	2/13/2017 00:57	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,664.0	21,221.0
SLURRY	2/13/2017 00:57	2/13/2017 01:05	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,528.0	45,749.0
SLURRY	2/13/2017 01:05	2/13/2017 01:12	714.00	4,262.00	BROWN SAND, 40/70	0.50	16,099.0	61,848.0
SLURRY	2/13/2017 01:12	2/13/2017 01:20	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,757.0	84,605.0
SLURRY	2/13/2017 01:20	2/13/2017 01:26	595.00	5,571.00	BROWN SAND, 40/70	1.00	24,613.0	109,218.0
SLURRY	2/13/2017 01:26	2/13/2017 01:32	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,288.0	146,506.0
SLURRY	2/13/2017 01:32	2/13/2017 01:38	476.00	6,642.00	BROWN SAND, 40/70	1.75	36,074.0	182,580.0
SLURRY	2/13/2017 01:38	2/13/2017 01:47	952.00	7,594.00	BROWN SAND, 30/50	0.50	20,251.0	202,831.0
SLURRY	2/13/2017 01:47	2/13/2017 01:55	738.00	8,332.00	BROWN SAND, 30/50	1.00	29,526.0	232,357.0
SLURRY	2/13/2017 01:55	2/13/2017 02:02	595.00	8,927.00	BROWN SAND, 30/50	1.50	38,087.0	270,444.0
SLURRY	2/13/2017 02:02	2/13/2017 02:07	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,974.0	310,418.0
SLURRY	2/13/2017 02:07	2/13/2017 02:10	286.00	9,689.00	BROWN SAND, 30/50	3.00	34,386.0	344,804.0
SLURRY	2/13/2017 02:10	2/13/2017 02:14	379.00	10,068.00	BROWN SAND, 20/40	3.00	39,499.0	384,303.0
FLUSH	2/13/2017 02:14	2/13/2017 02:21	465.00	10,533.00				384,303.0
PUMP DOWN	2/13/2017 02:37	2/13/2017 03:29	310.00	10,843.00				384,303.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/12/2017 09:53	4.38	16,619.0	16,621.0			
No	Yes	FRAC PLUG	2/12/2017 17:51	4.38	16,469.0	16,471.0			
No	Yes	FRAC PLUG	2/13/2017 03:24	4.38	16,314.0	16,316.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/14/2017

13

040671

\$8,796,761.00

\$2,707,743.55

\$223,747.68

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/2/2017

MILESTONE

READY TO START (RTS)

3/2/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

17:30

MEETING

PRE-TOUR

NIGHT

Discussed PPS's Potential hazards,muster points,& nearest hospital, R2LB

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

MORALES, JAMES

SUPERINTENDE

432-634-4135

ROBERTS, JOE

FOREMAN

NIGHT

580-736-4046

ELLIS, BOBBY

FOREMAN

NIGHT

325-574-3651

WINKLER, RYAN

FOREMAN

NIGHT

254-205-8247

CHAIDEZ, OSCAR

FOREMAN

DAY

432-413-0513

VIETH, JONATHAN

FOREMAN

DAY

TAYLOR, TRACE

FOREMAN

DAY

817-307-2535

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

RTF Stg 22

STAGES PER DAY

3.0

Operations Summary

WL Stages 21,22

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:0

07:1

1.25

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

07:1

07:2

0.12

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

07:2

07:3

0.13

STIM, OPS

TEST

TEST_PRIME

Prime

NORMAL

07:3

07:4

0.19

STIM, OPS

TEST

TEST_LINE

Test Lines

NORMAL

07:4

09:4

2.05

STIM, OPS

FRAC

STIM

Frac Stage 20

NORMAL

20

09:4

09:5

0.1

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

09:5

10:0

0.22

STIM, OPS

WIRELINE

WL_LUB_RU

RU Lub/Test to 9,000 psi

NORMAL

10:0

10:4

0.65

STIM, OPS

WIRELINE

WL_RUNDN

RIH

NORMAL

10:4

10:4

0.08

STIM, OPS

WIRELINE

WL_PERF

Plug @ 16,169'

NORMAL

10:4

11:2

0.63

STIM, OPS

WIRELINE

WL_RUNUP

POOH

NORMAL

11:2

11:3

0.1

STIM, OPS

WIRELINE

WL_LUB_RD

RD Lub

NORMAL

11:3

15:1

3.73

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

15:1

15:2

0.12

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

15:2

16:0

0.72

STIM, OPS

TEST

TEST_PRIME

Prime

NORMAL

16:0

16:1

0.1

STIM, OPS

TEST

TEST_LINE

Test lines

NORMAL

16:1

18:1

2.1

STIM, OPS

FRAC

STIM

Frac stage 21

NORMAL

21

18:1

18:4

0.38

STIM, OPS

WIRELINE

WL_LUB_RU

RU Lub/Test to 9,000 psi

NORMAL

18:4

19:2

0.8

STIM, OPS

WIRELINE

WL_RUNDN

RIH

NORMAL

19:2

19:3

0.08

STIM, OPS

WIRELINE

WL_PERF

P/P Stg 22

NORMAL

19:3

20:0

0.57

STIM, OPS

WIRELINE

WL_RUNUP

POOH

NORMAL

20:0

00:1

4.12

STIM, OPS

NONOPS

PAD

WL @ 200', Waiting on Lightning to Pass

NORMAL

17

4.02

00:1

00:1

0.07

STIM, OPS

WIRELINE

WL_LUB_RD

RD Lub

NORMAL

00:1

06:0

5.69

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

18

2.77

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED WELL FLUID

234,205.0

21,461.0

1,307.0

-1,307.0

234,205.0

234,205.0

Interval Problems

SURFACE CONDITIONS, PAD, WEATHER, 2/13/2017 20:08

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

17

2/14/2017 00:09

4.02

No

PIONEER NATURAL RESOURCES USA INC

Wait on Lightning to pass

PAD DOWN, PAD, OFFSET WELL, 2/14/2017 00:19

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

18

2/14/2017 03:05

2.77

No

PNR PUMPING SERVICES LLC

CPU in frac Van went down / Wait on E-tech

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

BULLPEN

2/2/2017 14:00

PUMPDOWN

PIONEER PUMPING SERVICES

3

2/3/2017 09:00

FRAC FLEET

DIESEL, DYED

Total Received

Total Consumed

Total Returned

50,578.0

50,578.0

0.0

Job Supply Amounts

Date

Supply Item Des

Type

Received

Consumed

Returned

Cum Received

Cum Consumed

Cum Returned

2/13/2017 19:47

DIESEL

DYED

2,504

2,504

30,701.0

30,701.0

0.0

2/13/2017 19:47

DIESEL

DYED

2,762

2,762

33,463.0

33,463.0

0.0

2/13/2017 19:47

DIESEL

DYED

2,587

2,587

36,050.0

36,050.0

0.0

2/13/2017 19:47

DIESEL

DYED

2,534

2,534

38,584.0

38,584.0

0.0

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/14/2017

13

040671

\$8,796,761.00

\$2,707,743.55

\$223,747.68

Job Supply Amounts								
Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
2/13/2017 19:48	DIESEL	DYED	114	114		50,578.0	50,578.0	0.0

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
22	No	CONVENTIONAL PERF	15,882.0	15,884.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
22	No	CONVENTIONAL PERF	15,912.0	15,914.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
22	No	CONVENTIONAL PERF	15,942.0	15,944.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
22	No	CONVENTIONAL PERF	15,972.0	15,974.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
22	No	CONVENTIONAL PERF	16,002.0	16,004.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
21	No	CONVENTIONAL PERF	16,032.0	16,034.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
21	No	CONVENTIONAL PERF	16,062.0	16,064.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
21	No	CONVENTIONAL PERF	16,092.0	16,094.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
21	No	CONVENTIONAL PERF	16,122.0	16,124.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
21	No	CONVENTIONAL PERF	16,152.0	16,154.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary						
Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company	Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date	Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 21	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 232,929.00			Proppant Total (lb) 8,069,954.0	

Stimulation Intervals								
Frac Stage 20 on 2/13/2017 07:41								
Proposed? No	Type HYDRAULIC FRACTURE	Date 2/13/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 16,182.0	Bottom Depth (ftKB) 16,299.0
Post Job Frac Gradient (...) Pump Power Max (hp) 0.82		Proppant Designed (lb) 384,500.0		Proppant In Formation (lb) 384,900.0	Proppant In Wellbore (lb)	Proppant Total (lb) 384,900.0	Clean Volume Design (bbl/min) 10,523.00	Total Clean Volume (bbl) 10,787.00
Open Wellhead (psi) 2,998.0		End of Job ISIP (psi) 3,496.0	Close Wellhead (psi) 3,470.0	Breakdown Pressure (psi) 4,902.0	Max Treating Pressure (...) 9,035.0	Avg Treating Pressure (...) 8,325.0	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 100
Comment								

Pumping Summary								
Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/13/2017 07:40	2/13/2017 07:47	24.00	24.00				
PAD	2/13/2017 07:47	2/13/2017 08:08	1,429.00	1,453.00				
SLURRY	2/13/2017 08:08	2/13/2017 08:14	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,643.0	6,643.0
SLURRY	2/13/2017 08:14	2/13/2017 08:22	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,636.0	22,279.0
SLURRY	2/13/2017 08:22	2/13/2017 08:30	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,066.0	46,345.0
SLURRY	2/13/2017 08:30	2/13/2017 08:37	714.00	4,262.00	BROWN SAND, 40/70	0.50	13,927.0	60,272.0
SLURRY	2/13/2017 08:37	2/13/2017 08:45	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,596.0	82,868.0
SLURRY	2/13/2017 08:45	2/13/2017 08:51	595.00	5,571.00	BROWN SAND, 40/70	1.00	26,013.0	108,881.0
SLURRY	2/13/2017 08:51	2/13/2017 08:57	595.00	6,166.00	BROWN SAND, 40/70	1.50	36,866.0	145,747.0
SLURRY	2/13/2017 08:57	2/13/2017 09:02	476.00	6,642.00	BROWN SAND, 40/70	1.75	34,517.0	180,264.0
SLURRY	2/13/2017 09:02	2/13/2017 09:12	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,471.0	201,735.0
SLURRY	2/13/2017 09:12	2/13/2017 09:20	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,496.0	233,231.0
SLURRY	2/13/2017 09:20	2/13/2017 09:26	595.00	8,927.00	BROWN SAND, 30/50	1.50	35,561.0	268,792.0
SLURRY	2/13/2017 09:26	2/13/2017 09:31	476.00	9,403.00	BROWN SAND, 30/50	2.00	40,374.0	309,166.0
SLURRY	2/13/2017 09:31	2/13/2017 09:34	286.00	9,689.00	BROWN SAND, 30/50	3.00	35,881.0	345,047.0
SLURRY	2/13/2017 09:34	2/13/2017 09:39	364.00	10,053.00	BROWN SAND, 20/40	3.00	39,853.0	384,900.0
FLUSH	2/13/2017 09:39	2/13/2017 09:45	437.00	10,490.00				384,900.0
PUMP DOWN	2/13/2017 10:25	2/13/2017 10:42	297.00	10,787.00				384,900.0

Proppants		
Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 21 on 2/13/2017 16:11								
Proposed? No	Type HYDRAULIC FRACTURE	Date 2/13/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 16,032.0	Bottom Depth (ftKB) 16,154.0
Post Job Frac Gradient (...) Pump Power Max (hp) 0.82		Proppant Designed (lb) 384,500.0		Proppant In Formation (lb) 373,882.0	Proppant In Wellbore (lb)	Proppant Total (lb) 373,882.0	Clean Volume Design (bbl/min) 10,523.00	Total Clean Volume (bbl) 10,722.00
Open Wellhead (psi) 2,987.0		End of Job ISIP (psi) 3,428.0	Close Wellhead (psi) 3,315.0	Breakdown Pressure (psi) 4,860.0	Max Treating Pressure (...) 8,742.0	Avg Treating Pressure (...) 8,226.0	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 100
Comment Did not run all 20/40 proppant due to sand belt getting sanded off								

Pumping Summary								
Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/13/2017 16:13	2/13/2017 16:17	24.00	24.00				
PAD	2/13/2017 16:17	2/13/2017 16:40	1,429.00	1,453.00				
SLURRY	2/13/2017 16:40	2/13/2017 16:46	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	5,514.0	5,514.0
SLURRY	2/13/2017 16:46	2/13/2017 16:53	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,657.0	20,171.0
SLURRY	2/13/2017 16:53	2/13/2017 17:01	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,788.0	44,959.0
SLURRY	2/13/2017 17:01	2/13/2017 17:09	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,287.0	60,246.0
SLURRY	2/13/2017 17:09	2/13/2017 17:16	714.00	4,976.00	BROWN SAND, 40/70	0.75	23,264.0	83,510.0
SLURRY	2/13/2017 17:16	2/13/2017 17:22	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,445.0	108,955.0
SLURRY	2/13/2017 17:22	2/13/2017 17:29	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,202.0	146,157.0
SLURRY	2/13/2017 17:29	2/13/2017 17:34	476.00	6,642.00	BROWN SAND, 40/70	1.75	34,658.0	180,815.0
SLURRY	2/13/2017 17:34	2/13/2017 17:43	952.00	7,594.00	BROWN SAND, 30/50	0.50	23,282.0	204,097.0
SLURRY	2/13/2017 17:43	2/13/2017 17:51	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,252.0	235,349.0
SLURRY	2/13/2017 17:51	2/13/2017 17:58	595.00	8,927.00	BROWN SAND, 30/50	1.50	38,533.0	273,882.0
SLURRY	2/13/2017 17:58	2/13/2017 18:03	476.00	9,403.00	BROWN SAND, 30/50	2.00	38,277.0	312,159.0

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 2/14/2017

Report #: 13

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$2,707,743.55

Daily Field Estimate: \$223,747.68

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/13/2017 10:42	4.38	16,169.0	16,171.0			
No	Yes	FRAC PLUG	2/13/2017 19:28	4.38	16,019.0	16,021.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/15/2017

14

040671

\$8,796,761.00

\$3,024,601.05

\$317,200.17

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0
Job Category		Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2
ORIG COMPLETION		OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness
17:30	MEETING	PRE-TOUR	NIGHT	Discussed PPS-3's Potential hazards,muster points,& nearest hospital, R2LB

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL	COMPLETION ENGINEER		214-908-8152		
MORALES, JAMES	SUPERINTENDE		432-634-4135		
ROBERTS, JOE	FOREMAN	NIGHT	580-736-4046		
ELLIS, BOBBY	FOREMAN	NIGHT	325-574-3651		
WINKLER, RYAN	FOREMAN	NIGHT	254-205-8247		
CHAIDEZ, OSCAR	FOREMAN	DAY	432-413-0513		
VIETH, JONATHAN	FOREMAN	DAY			
TAYLOR, TRACE	FOREMAN	DAY	817-307-2535		

Personnel Log

Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
RTWL Stg 25	STAGES PER DAY	3.0
Operations Summary		
Frac Stages 22,23,24		
WL Stages 23,24		
Operations Next Report Period		
Stim Ops		
Remarks		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:0	08:4	2.75	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
08:4	08:4	0.08	STIM, OPS	FRAC	IRON	Swing iron	NORMAL			
08:4	09:0	0.33	STIM, OPS	TEST	TEST_PRIME	Prime	NORMAL			
09:0	09:1	0.11	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
09:1	11:2	2.18	STIM, OPS	FRAC	STIM	Frac Stage 22	NORMAL			22
11:2	11:3	0.18	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
11:3	11:4	0.09	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub/Test to 9,000 psi	NORMAL			
11:4	12:2	0.68	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
12:2	12:2	0.09	STIM, OPS	WIRELINE	WL_PERF	Plug @ 15,869'	NORMAL			
12:2	13:0	0.67	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
13:0	13:1	0.1	STIM, OPS	WIRELINE	WL_LUB_RD	RD Lub	NORMAL			
13:1	17:0	3.9	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
17:0	17:1	0.1	STIM, OPS	FRAC	IRON	Swing iron	NORMAL			
17:1	18:0	0.9	STIM, OPS	TEST	TEST_PRIME	Prime	NORMAL			
18:0	18:1	0.05	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
18:1	20:1	2.03	STIM, OPS	FRAC	STIM	Frac Stage 23	NORMAL			23
20:1	20:3	0.28	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub/Test to 9,000 psi	NORMAL			
20:3	21:1	0.75	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
21:1	21:2	0.08	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 23	NORMAL			
21:2	21:5	0.57	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
21:5	21:5	0.07	STIM, OPS	WIRELINE	WL_LUB_RD	RD Lub	NORMAL			
21:5	01:1	3.25	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
01:1	01:2	0.1	STIM, OPS	FRAC	IRON	Swing iron	NORMAL			
01:2	02:2	1.03	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
02:2	02:3	0.17	STIM, OPS	TEST	TEST_PRIME	Prime	NORMAL			
02:3	02:3	0.1	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
02:3	04:4	2.07	STIM, OPS	FRAC	STIM	Frac Stage 24	NORMAL			24
04:4	06:0	1.29	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED			1,234.0	87.0	-1,234.0
WELL FLUID	266,328.0	32,123.0			266,328.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>						
Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELINE
PIONEER PUMPING SERVICES	BULLPEN	2/2/2017 14:00		PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
50,578.0	50,578.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
24	No	CONVENTION...	15,582.0	15,584.0	2.0	4.0	8	PRODUCTION, 19,292.0...		5

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/15/2017

14

040671

\$8,796,761.00

\$3,024,601.05

\$317,200.17

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
24	No	CONVENTIONAL PERF	15,702.0	15,704.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
23	No	CONVENTIONAL PERF	15,732.0	15,734.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
23	No	CONVENTIONAL PERF	15,762.0	15,764.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
23	No	CONVENTIONAL PERF	15,792.0	15,794.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
23	No	CONVENTIONAL PERF	15,822.0	15,824.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
23	No	CONVENTIONAL PERF	15,852.0	15,854.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary

Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company		Diversion Method COMPOSITE PLUG		Start Date 2/6/2017 02:18		End Date		Job OCM, 2/1/2017 20:00	
Number of Treatment Intervals 24		Design Number of Treatment Intervals 66		Volume Clean Total (bbl) 265,100.00				Proppant Total (lb) 9,222,986.0			

Stimulation Intervals

Frac Stage 22 on 2/14/2017 09:14

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/14/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 15,882.0	Bottom Depth (ftKB) 16,004.0
Post Job Frac Gradient (...)		Pump Power Max (hp) 0.82	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 387,542.0	Proppant In Wellbore (lb) 387,542.0	Clean Volume Design (b...)	Total Clean Volume (bbl) 10,885.00	
Open Wellhead (psi) 2,917.0		End of Job ISIP (psi) 3,427.0	Close Wellhead (psi) 3,341.0	Breakdown Pressure (psi) 4,802.0	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 95.5
Comment								

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/14/2017 09:14	2/14/2017 09:23	24.00	24.00				
PAD	2/14/2017 09:23	2/14/2017 09:45	1,429.00	1,453.00				
SLURRY	2/14/2017 09:45	2/14/2017 09:52	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,220.0	6,220.0
SLURRY	2/14/2017 09:52	2/14/2017 10:00	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,640.0	20,860.0
SLURRY	2/14/2017 10:00	2/14/2017 10:09	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	26,385.0	47,245.0
SLURRY	2/14/2017 10:09	2/14/2017 10:16	714.00	4,262.00	BROWN SAND, 40/70	0.50	13,303.0	60,548.0
SLURRY	2/14/2017 10:16	2/14/2017 10:24	714.00	4,976.00	BROWN SAND, 40/70	0.75	23,122.0	83,670.0
SLURRY	2/14/2017 10:24	2/14/2017 10:30	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,120.0	108,790.0
SLURRY	2/14/2017 10:30	2/14/2017 10:36	595.00	6,166.00	BROWN SAND, 40/70	1.50	39,298.0	148,088.0
SLURRY	2/14/2017 10:36	2/14/2017 10:42	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,251.0	183,339.0
SLURRY	2/14/2017 10:42	2/14/2017 10:51	952.00	7,594.00	BROWN SAND, 30/50	0.50	20,412.0	203,751.0
SLURRY	2/14/2017 10:51	2/14/2017 10:59	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,356.0	235,107.0
SLURRY	2/14/2017 10:59	2/14/2017 11:06	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,739.0	272,846.0
SLURRY	2/14/2017 11:06	2/14/2017 11:11	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,509.0	312,355.0
SLURRY	2/14/2017 11:11	2/14/2017 11:15	286.00	9,689.00	BROWN SAND, 30/50	3.00	41,108.0	353,463.0
SLURRY	2/14/2017 11:15	2/14/2017 11:19	474.00	10,163.00	BROWN SAND, 20/40	3.00	34,079.0	387,542.0
FLUSH	2/14/2017 11:19	2/14/2017 11:27	440.00	10,603.00				387,542.0
PUMP DOWN	2/14/2017 12:08	2/14/2017 12:24	282.00	10,885.00				387,542.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 23 on 2/14/2017 18:12

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/14/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 15,732.0	Bottom Depth (ftKB) 15,854.0
Post Job Frac Gradient (...)		Pump Power Max (hp) 0.83	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 381,602.0	Proppant In Wellbore (lb) 381,602.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 10,734.00	
Open Wellhead (psi) 2,975.0		End of Job ISIP (psi) 3,519.0	Close Wellhead (psi) 3,469.0	Breakdown Pressure (psi) 4,870.0	Max Treating Pressure (...) 8,855.0	Avg Treating Pressure (...) 8,066.0	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 99.9
Comment								

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/14/2017 18:13	2/14/2017 18:18	24.00	24.00				
PAD	2/14/2017 18:18	2/14/2017 18:38	1,429.00	1,453.00				
SLURRY	2/14/2017 18:38	2/14/2017 18:45	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,670.0	6,670.0
SLURRY	2/14/2017 18:45	2/14/2017 18:51	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,714.0	21,384.0
SLURRY	2/14/2017 18:51	2/14/2017 19:00	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,905.0	46,289.0
SLURRY	2/14/2017 19:00	2/14/2017 19:07	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,042.0	61,331.0
SLURRY	2/14/2017 19:07	2/14/2017 19:14	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,350.0	83,681.0
SLURRY	2/14/2017 19:14	2/14/2017 19:21	595.00	5,571.00	BROWN SAND, 40/70	1.00	24,072.0	107,753.0
SLURRY	2/14/2017 19:21	2/14/2017 19:27	595.00	6,166.00	BROWN SAND, 40/70	1.50	36,435.0	144,188.0
SLURRY	2/14/2017 19:27	2/14/2017 19:32	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,937.0	180,125.0
SLURRY	2/14/2017 19:32	2/14/2017 19:42	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,875.0	202,000.0
SLURRY	2/14/2017 19:42	2/14/2017 19:49	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,220.0	233,220.0
SLURRY	2/14/2017 19:49	2/14/2017 19:56	595.00	8,927.00	BROWN SAND, 30/50	1.50	38,138.0	271,358.0
SLURRY	2/14/2017 19:56	2/14/2017 20:01	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,004.0	310,362.0
SLURRY	2/14/2017 20:01	2/14/2017 20:04	286.00	9,689.00	BROWN SAND, 30/50	3.00	35,322.0	345,684.0
SLURRY	2/14/2017 20:04	2/14/2017 20:08	320.00	10,009.00	BROWN SAND, 20/40	3.00	35,918.0	381,602.0
FLUSH	2/14/2017 20:08	2/14/2017 20:14	451.00	10,460.00				381,602.0
PUMP DOWN	2/14/2017 20:31	2/14/2017 21:21	274.00	10,734.00				381,602.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40



UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/15/2017
14
040671
\$8,796,761.00
\$3,024,601.05
\$317,200.17

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/15/2017 02:39	2/15/2017 02:44	24.00	24.00				
PAD	2/15/2017 02:44	2/15/2017 03:04	1,429.00	1,453.00				
SLURRY	2/15/2017 03:04	2/15/2017 03:10	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,421.0	6,421.0
SLURRY	2/15/2017 03:10	2/15/2017 03:18	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,621.0	22,042.0
SLURRY	2/15/2017 03:18	2/15/2017 03:26	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,497.0	46,539.0
SLURRY	2/15/2017 03:26	2/15/2017 03:35	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,861.0	62,400.0
SLURRY	2/15/2017 03:35	2/15/2017 03:41	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,419.0	84,819.0
SLURRY	2/15/2017 03:41	2/15/2017 03:47	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,230.0	110,049.0
SLURRY	2/15/2017 03:47	2/15/2017 03:53	595.00	6,166.00	BROWN SAND, 40/70	1.50	38,270.0	148,319.0
SLURRY	2/15/2017 03:53	2/15/2017 03:59	476.00	6,642.00	BROWN SAND, 40/70	1.75	34,803.0	183,122.0
SLURRY	2/15/2017 03:59	2/15/2017 04:09	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,274.0	204,396.0
SLURRY	2/15/2017 04:09	2/15/2017 04:16	738.00	8,332.00	BROWN SAND, 30/50	1.00	30,912.0	235,308.0
SLURRY	2/15/2017 04:16	2/15/2017 04:23	595.00	8,927.00	BROWN SAND, 30/50	1.50	38,411.0	273,719.0
SLURRY	2/15/2017 04:23	2/15/2017 04:28	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,679.0	313,398.0
SLURRY	2/15/2017 04:28	2/15/2017 04:31	286.00	9,689.00	BROWN SAND, 30/50	3.00	28,328.0	341,726.0
SLURRY	2/15/2017 04:31	2/15/2017 04:36	417.00	10,106.00	BROWN SAND, 20/40	3.00	42,162.0	383,888.0
FLUSH	2/15/2017 04:36	2/15/2017 04:41	446.00	10,552.00				383,888.0
PUMP DOWN	2/15/2017 07:30	2/15/2017 00:00		10,552.00				383,888.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/14/2017 12:24	4.38	15,869.0	15,871.0			
No	Yes	FRAC PLUG	2/14/2017 21:16	4.38	15,719.0	15,721.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/16/2017

15

040671

\$8,796,761.00

\$3,239,589.27

\$214,988.22

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020002

42-461-40446-0000

949805-004

SPRABERRY (TREND AREA)

WOLFCAMP B3 (WFMP B3)

11/10/2016

19,320.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCM

2/1/2017

AFE APPROVED

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/2/2017

MILESTONE

READY TO START (RTS)

3/2/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Discussed JSA's Potential hazards,muster points,& nearest hospital, R2LB

17:30

MEETING

PRE-TOUR

NIGHT

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

MORALES, JAMES

SUPERINTENDE NT

432-634-4135

ROBERTS, JOE

FOREMAN

NIGHT

580-736-4046

ELLIS, BOBBY

FOREMAN

NIGHT

325-574-3651

WINKLER, RYAN

FOREMAN

NIGHT

254-205-8247

CHAIDEZ, OSCAR

FOREMAN

DAY

432-413-0513

VIETH, JONATHAN

FOREMAN

DAY

TAYLOR, TRACE

FOREMAN

DAY

817-307-2535

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

Frac'ing stage 27

STAGES PER DAY

3.0

Operations Summary

Frac Stages 25,26

WL Stages 25,26,27

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

07:30

1.5

STIM, OPS

NONOPS

PAD

WO offset wells, FS #24 - 5H

NORMAL

07:30

08:03

0.55

STIM, OPS

WIRELINE

WL_LUB_RU

RU perforating guns - Pressure test lubricator to 9000 psi

NORMAL

20

0.43

08:03

08:40

0.62

STIM, OPS

WIRELINE

WL_RUNDN

RIH w/perforating guns

NORMAL

08:40

08:44

0.07

STIM, OPS

WIRELINE

WL_PERF

Set Plug @ 15,558

NORMAL

08:44

09:28

0.73

STIM, OPS

WIRELINE

WL_RUNUP

POOH w/ perforating guns

NORMAL

09:28

10:09

0.68

STIM, OPS

NONOPS

PAD

WO offset wells, FS #24 - 5H

NORMAL

10:09

10:15

0.1

STIM, OPS

WIRELINE

WL_LUB_RD

RD perforating guns - Confirmed all shots fired

NORMAL

10:15

10:40

0.43

STIM, OPS

WIRELINE

WL_REHEAD

WL Rehead

NORMAL

10:40

10:48

0.13

STIM, OPS

TEST

TEST_PRIME

Load Frac pumps

NORMAL

10:48

11:04

0.27

STIM, OPS

TEST

TEST_LINE

Pressure test frac iron

NORMAL

11:04

13:15

2.17

STIM, OPS

FRAC

STIM

Stage 25 - Pumped as designed

NORMAL

25

13:15

16:22

3.12

STIM, OPS

NONOPS

PAD

WO offset wells - FS #25 - 6H

NORMAL

16:22

16:47

0.42

STIM, OPS

WIRELINE

WL_LUB_RU

RU perforating guns - Pressure test lubricator to 9000 psi

NORMAL

16:47

17:25

0.63

STIM, OPS

WIRELINE

WL_RUNDN

RIH

NORMAL

17:25

17:30

0.08

STIM, OPS

WIRELINE

WL_PERF

Plug @ 15,419'

NORMAL

17:30

18:06

0.6

STIM, OPS

WIRELINE

WL_RUNUP

POOH

NORMAL

18:06

19:19

1.23

STIM, OPS

NONOPS

PAD

Waiting on off set well

NORMAL

19:19

19:25

0.1

STIM, OPS

WIRELINE

WL_LUB_RD

RD Lub

NORMAL

Job:	OCM
Report Date:	2/16/2017
Report #:	15
A/E #:	040671
Total A/E + Sup:	\$8,796,761.00
Cum Field Estimate:	\$3,239,589.27
Daily Field Estimate:	\$214,988.22



UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/16/2017
15
040671
\$8,796,761.00
\$3,239,589.27
\$214,988.22

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
SLURRY	2/15/2017 20:46	2/15/2017 20:53	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,884.0	20,770.0
SLURRY	2/15/2017 20:53	2/15/2017 21:01	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,717.0	45,487.0
SLURRY	2/15/2017 21:01	2/15/2017 21:08	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,784.0	61,271.0
SLURRY	2/15/2017 21:08	2/15/2017 21:15	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,883.0	84,154.0
SLURRY	2/15/2017 21:15	2/15/2017 21:22	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,049.0	109,203.0
SLURRY	2/15/2017 21:22	2/15/2017 21:28	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,130.0	146,333.0
SLURRY	2/15/2017 21:28	2/15/2017 21:33	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,509.0	181,842.0
SLURRY	2/15/2017 21:33	2/15/2017 21:42	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,561.0	203,403.0
SLURRY	2/15/2017 21:42	2/15/2017 21:50	738.00	8,332.00	BROWN SAND, 30/50	1.00	29,865.0	233,268.0
SLURRY	2/15/2017 21:50	2/15/2017 21:57	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,902.0	271,170.0
SLURRY	2/15/2017 21:57	2/15/2017 22:02	476.00	9,403.00	BROWN SAND, 30/50	2.00	38,785.0	309,955.0
SLURRY	2/15/2017 22:02	2/15/2017 22:06	373.00	9,776.00	BROWN SAND, 30/50	3.00	40,235.0	350,190.0
FLUSH	2/15/2017 22:06	2/15/2017 22:14	445.00	10,221.00				350,190.0
PUMP DOWN	2/16/2017 02:05	2/16/2017 02:22	256.00	10,477.00				350,190.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/15/2017 08:40	4.38	15,558.0	15,560.0			
No	Yes	FRAC PLUG	2/15/2017 17:25	4.38	15,419.0	15,421.0			
No	Yes	FRAC PLUG	2/16/2017 02:22	4.38	15,269.0	15,271.0			

<div><div>PIONEER</div><div>NATURAL RESOURCES</div></div>		<div>UNIVERSITY 3-310PU 4H</div>		<div>Job: Report Date: Report #: AFE #: Total AFE + Sup: Cum Field Estimate: Daily Field Estimate:</div>		<div>OCM 2/17/2017 16 040671 \$8,796,761.00 \$3,556,819.48 \$317,230.71</div>	
<div>FRAC FLEET / CREW #</div>							
Contractor				Rig #			
PIONEER PUMPING SERVICES				3			

Asset Team Identifier ID00020002		API/UWI 42-461-40446-0000		Property Sub 949805-004		Field Name SPRABERRY (TREND AREA)		Open Formation WOLFCAMP B3 (WFMP B3)		Spud Date 11/10/2016		TD (max) (ftKB) 19,320.0	
Job Category ORIG COMPLETION			Primary Job Type OCM		Start Date 2/1/2017		End Date		Job Status AFE APPROVED		Responsible Grp 2 STIM ENG - MICHAEL THOMAS		

Job Dates							
Date		Type MILESTONE		Subtype TURN OVER TO PRODUCTION		Note	
2/5/2017		MILESTONE		READY TO START (RTS)		Note	
3/2/2017		PLAN		STIMULATION END		Note	

Safety Checks								
Time		Type	Des	Tour	Com			
06:01		MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.			
17:30		MEETING	PRE-TOUR	NIGHT	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.			

Daily Contacts on Location						
Contact Name		Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL		COMPLETION ENGINEER		214-908-8152		
MORALES, JAMES		SUPERINTENDE NT		432-634-4135		
BROWN, PERRY		FOREMAN	Day	832-690-7101		
FULLER, RONNIE		FOREMAN	Day	940-613-6146		
STEPHENS, BOBBY		FOREMAN	Day	940-521-6335		
CHAIDEZ, OSCAR		FOREMAN	Night	432-413-0513		
VIETH, JONATHAN		FOREMAN	Night			
TAYLOR, TRACE		FOREMAN	Night	817-307-2535		

Personnel Log		
Company		
Count		
SUPREME PRODUCTION SERVICES INC		4
PRO OILFIELD SERVICES LLC		6
PIONEER NATURAL RESOURCES USA INC		6
PNR PUMPING SERVICES LLC		6

Daily Operations					
Operations at Report Time RIH to perf stage 30		Daily Goal Description STAGES PER DAY		Daily Goal - Last 24 3.0	
Operations Summary Frac stages 27,28,29 WL stages 28,29					
Operations Next Report Period Stim Ops					
Remarks					

Time Log											
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com		Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	06:40	0.68	STIM, OPS	FRAC	STIM	Stage 27 - Pumped as designed		NORMAL			27
06:40	08:36	1.93	STIM, OPS	NONOPS	PAD	WO offset wells		NORMAL			
08:36	08:45	0.15	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi		NORMAL			
08:45	09:25	0.67	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/ perforating guns		NORMAL			
09:25	09:27	0.03	STIM, OPS	WIRELINE	WL_PERF	Set plug @ 15,115		NORMAL			
09:27	10:04	0.62	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns		NORMAL			
10:04	10:54	0.83	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired.		NORMAL			
10:54	15:50	4.93	STIM, OPS	NONOPS	PAD	WO offset wells		NORMAL	23	0.77	
15:50	15:59	0.15	STIM, OPS	FRAC	IRON	Swing Iron		NORMAL			
15:59	16:30	0.52	STIM, OPS	TEST	TEST_PRIME	Load frac pumps		NORMAL	24	0.45	
16:30	16:35	0.08	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron		NORMAL			
16:35	21:26	4.85	STIM, OPS	FRAC	STIM	Frac stage 28		NORMAL	25	2.43	28
21:26	21:32	0.1	STIM, OPS	FRAC	IRON	Swing Iron		NORMAL			
21:32	21:46	0.23	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub/Test to 9,000 psi		NORMAL			
21:46	22:28	0.7	STIM, OPS	WIRELINE	WL_RUNDN	RIH		NORMAL			
22:28	22:33	0.08	STIM, OPS	WIRELINE	WL_PERF	Plug @ 14,969'		NORMAL			
22:33	23:07	0.58	STIM, OPS	WIRELINE	WL_RUNUP	POOH		NORMAL			
23:07	23:14	0.11	STIM, OPS	WIRELINE	WL_LUB_RD	RD Lub		NORMAL			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/17/2017

16

040671

\$8,796,761.00

\$3,556,819.48

\$317,230.71

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
23:14	02:45	3.52	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
02:45	02:50	0.08	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
02:50	03:10	0.33	STIM, OPS	TEST	TEST_PRIME	Prime/Let WL stab on the 6H before testing lines.	NORMAL			
03:10	03:15	0.08	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
03:15	05:18	2.05	STIM, OPS	FRAC	STIM	Frac stage 29	NORMAL			29
05:18	05:22	0.08	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
05:22	05:30	0.12	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub/Test to 9,000 psi	NORMAL			
05:30	06:00	0.5	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED			1,929.0	215.0	-1,929.0
WELL FLUID	321,252.0	33,307.0			321,252.0

Interval Problems

PAD DOWN, PAD, OFFSET WELL, 2/16/2017 10:56

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
23	2/16/2017 11:42	0.77	No	PNR PUMPING SERVICES LLC		PPS washed out lateral while pumping on the 6H, PPS checking all laterals before restarting stage.

FRAC/STIMULATION EQUIPMENT, PUMPS, OTHER, 2/16/2017 16:03

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
24	2/16/2017 16:30	0.45	No	PNR PUMPING SERVICES LLC		PPS swapping out pump 11157 - replacing sample catcher

WELLHEAD, GOATHEAD, FLANGES, 2/16/2017 17:57

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
25	2/16/2017 20:23	2.43	No	SUPREME PRODUCTION SERVICES INC		Had to flush well and shut down after flange that's connected to riser sprung a leak. PPS took off their riser and Supreme replaced ring gasket on flange. Rig riser back up and test lines.

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELINE
PIONEER PUMPING SERVICES	BULLPEN	2/2/2017 14:00		PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
67,369.0	67,369.0	0.0

Job Supply Amounts

Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
2/16/2017 10:04	DIESEL	DYED	2,454	2,454		67,294.0	67,294.0	0.0
2/16/2017 11:55	DIESEL	DYED	75	75		67,369.0	67,369.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
29	No	CONVENTIONAL PERF	14,832.0	14,834.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
29	No	CONVENTIONAL PERF	14,862.0	14,864.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
29	No	CONVENTIONAL PERF	14,892.0	14,894.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
29	No	CONVENTIONAL PERF	14,922.0	14,924.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
29	No	CONVENTIONAL PERF	14,952.0	14,954.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
28	No	CONVENTIONAL PERF	14,982.0	14,984.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
28	No	CONVENTIONAL PERF	15,012.0	15,014.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
28	No	CONVENTIONAL PERF	15,042.0	15,044.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
28	No	CONVENTIONAL PERF	15,072.0	15,074.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
28	No	CONVENTIONAL PERF	15,098.0	15,100.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG	2/6/2017 02:18		OCM, 2/1/2017 20:00

Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)
29	66	320,144.00	11,105,451.0

Proppants		
Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 2/17/2017

Report #: 16

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$3,556,819.48

Daily Field Estimate: \$317,230.71

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/16/2017 09:26	4.38	15,115.0	15,117.0			
No	Yes	FRAC PLUG	2/16/2017 22:28	4.38	14,969.0	14,971.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/18/2017

17

040671

\$8,796,761.00

\$3,976,254.85

\$417,750.37

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)				
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0				
Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2					
ORIG COMPLETION	OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS					
Job Dates										
Date	Type	Subtype			Note					
	MILESTONE	TURN OVER TO PRODUCTION								
Date	Type	Subtype			Note					
2/5/2017	MILESTONE	READY TO START (RTS)								
Date	Type	Subtype			Note					
3/2/2017	PLAN	STIMULATION END								
Safety Checks										
Time	Type	Des	Tour	Com						
06:01	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.						
17:30	MEETING	PRE-TOUR	NIGHT	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.						
Daily Contacts on Location										
Contact Name		Title	Tour	Mobile	Alt Mobile #	Note				
THOMAS, MICHAEL		COMPLETION ENGINEER		214-908-8152						
MORALES, JAMES		SUPERINTENDE NT		432-634-4135						
BROWN, PERRY		FOREMAN	Day	832-690-7101						
FULLER, RONNIE		FOREMAN	Day	940-613-6146						
STEPHENS, BOBBY		FOREMAN	Day	940-521-6335						
CHAIDEZ, OSCAR		FOREMAN	Night	432-413-0513						
VIETH, JONATHAN		FOREMAN	Night							
TAYLOR, TRACE		FOREMAN	Night	817-307-2535						
Personnel Log										
Company					Count					
SUPREME PRODUCTION SERVICES INC					4					
PRO OILFIELD SERVICES LLC					6					
PIONEER NATURAL RESOURCES USA INC					6					
PNR PUMPING SERVICES LLC					6					
Daily Operations										
Operations at Report Time				Daily Goal Description	Daily Goal - Last 24					
Frac'ing stage 34				STAGES PER DAY	4.0					
Operations Summary										
Frac stages 30,31,32,33										
WL stages 30,31,32,33,34										
Operations Next Report Period										
Stim Ops										
Remarks										
Time Log										
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	06:25	0.43	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/ perforating guns	NORMAL			
06:25	06:29	0.06	STIM, OPS	WIRELINE	WL_PERF	Set Plug @ 14,821	NORMAL			
06:29	07:24	0.92	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/ perforating guns	NORMAL			
07:24	07:30	0.1	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired	NORMAL			
07:30	07:57	0.45	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			
07:57	08:06	0.15	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
08:06	08:14	0.13	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL			
08:14	08:30	0.27	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron	NORMAL			
08:30	10:35	2.08	STIM, OPS	FRAC	STIM	Stage 30 - Pumped as designed	NORMAL			30
10:35	10:40	0.08	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
10:40	10:56	0.27	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL			
10:56	11:36	0.67	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/ perforating guns	NORMAL			
11:36	11:42	0.1	STIM, OPS	WIRELINE	WL_PERF	Set Plug @ 14,669'	NORMAL			
11:42	12:38	0.93	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/ perforating guns	NORMAL			
12:38	13:08	0.5	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			
13:08	13:13	0.08	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired	NORMAL			
13:13	13:20	0.12	STIM, OPS	FRAC	IRON	Swing iron	NORMAL			
13:20	13:34	0.23	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL			

Job:	OCM
Report Date:	2/18/2017
Report #:	17
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$3,976,254.85
Daily Field Estimate:	\$417,750.37

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/18/2017

17

040671

\$8,796,761.00

\$3,976,254.85

\$417,750.37

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELINE
PIONEER PUMPING SERVICES	BULLPEN	2/2/2017 14:00		PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
67,369.0	67,369.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
32	No	CONVENTIONAL PERF	14,382.0	14,384.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
32	No	CONVENTIONAL PERF	14,412.0	14,414.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
32	No	CONVENTIONAL PERF	14,442.0	14,444.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
32	No	CONVENTIONAL PERF	14,472.0	14,474.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
32	No	CONVENTIONAL PERF	14,502.0	14,504.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1
31	No	CONVENTIONAL PERF	14,532.0	14,534.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
31	No	CONVENTIONAL PERF	14,562.0	14,564.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
31	No	CONVENTIONAL PERF	14,592.0	14,594.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
31	No	CONVENTIONAL PERF	14,622.0	14,624.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
31	No	CONVENTIONAL PERF	14,652.0	14,654.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG	2/6/2017 02:18		OCM, 2/1/2017 20:00

Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)
33	66	363,325.00	12,648,280.0

Stimulation Intervals

Frac Stage 30 on 2/17/2017 08:28

Proposed?	Type	Date	String (Deployment Method)	Top Depth (ftKB)	Bottom Depth (ftKB)
No	HYDRAULIC FRACTURE	2/17/2017	PRODUCTION, 19,292.0ftKB	14,682.0	14,804.0

Post Job Frac Gradient (...)	Pump Power Max (hp)	Proppant Designed (lb)	Proppant In Formation (lb)	Proppant In Wellbore (lb)	Proppant Total (lb)	Clean Volume Design (bbl)	Total Clean Volume (bbl)
0.83		384,500.0	385,345.0		385,345.0	10,523.00	10,834.00

Open Wellhead (psi)	End of Job ISIP (psi)	Close Wellhead (psi)	Breakdown Pressure (psi)	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min)	Avg Slurry Rate (bbl/min)
3,033.0	3,610.0	3,547.0	4,826.0	9,006.0	8,004.0	104	99.6

Comment

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/17/2017 08:29	2/17/2017 08:34	24.00	24.00				
PAD	2/17/2017 08:34	2/17/2017 08:56	1,429.00	1,453.00				
SLURRY	2/17/2017 08:56	2/17/2017 09:02	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,152.0	6,152.0
SLURRY	2/17/2017 09:02	2/17/2017 09:09	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,154.0	21,306.0
SLURRY	2/17/2017 09:09	2/17/2017 09:18	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,415.0	45,721.0
SLURRY	2/17/2017 09:18	2/17/2017 09:25	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,894.0	61,615.0
SLURRY	2/17/2017 09:25	2/17/2017 09:32	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,956.0	84,571.0
SLURRY	2/17/2017 09:32	2/17/2017 09:38	595.00	5,571.00	BROWN SAND, 40/70	1.00	23,732.0	108,303.0
SLURRY	2/17/2017 09:38	2/17/2017 09:45	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,944.0	146,247.0
SLURRY	2/17/2017 09:45	2/17/2017 09:50	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,019.0	181,266.0
SLURRY	2/17/2017 09:50	2/17/2017 10:00	952.00	7,594.00	BROWN SAND, 30/50	0.50	22,822.0	204,088.0
SLURRY	2/17/2017 10:00	2/17/2017 10:08	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,433.0	235,521.0
SLURRY	2/17/2017 10:08	2/17/2017 10:14	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,370.0	272,891.0
SLURRY	2/17/2017 10:14	2/17/2017 10:19	476.00	9,403.00	BROWN SAND, 30/50	2.00	40,032.0	312,923.0
SLURRY	2/17/2017 10:19	2/17/2017 10:23	286.00	9,689.00	BROWN SAND, 30/50	3.00	33,516.0	346,439.0
SLURRY	2/17/2017 10:23	2/17/2017 10:28	468.00	10,157.00	BROWN SAND, 20/40	3.00	38,906.0	385,345.0
FLUSH	2/17/2017 10:28	2/17/2017 10:35	427.00	10,584.00				385,345.0
PUMP DOWN	2/17/2017 11:16	2/17/2017 11:42	250.00	10,834.00				385,345.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/18/2017
17
040671
\$8,796,761.00
\$3,976,254.85
\$417,750.37

Stimulation Intervals

Frac Stage 33 on 2/18/2017 00:35

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/18/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 14,232.0	Bottom Depth (ftKB) 14,354.0
Post Job Frac Gradient (...) 0.84	Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 385,182.0	Proppant In Wellbore (lb)	Proppant Total (lb) 385,182.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 10,637.00
Open Wellhead (psi) 2,985.0	End of Job ISIP (psi) 3,640.0	Close Wellhead (psi) 3,513.0	Breakdown Pressure (psi) 4,934.0	Max Treating Pressure (...) 8,726.0	Avg Treating Pressure (...) 7,776.0	Max Slurry Rate (bbl/min) 100	Avg Slurry Rate (bbl/min) 98.1
Comment							

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/18/2017 00:35	2/19/2017 00:40	24.00	24.00				
PAD	2/18/2017 00:40	2/18/2017 01:00	1,429.00	1,453.00				
SLURRY	2/18/2017 01:00	2/18/2017 01:06	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,408.0	6,408.0
SLURRY	2/18/2017 01:06	2/18/2017 01:13	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,504.0	21,912.0
SLURRY	2/18/2017 01:13	2/18/2017 01:21	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,599.0	46,511.0
SLURRY	2/18/2017 01:21	2/18/2017 01:28	714.00	4,262.00	BROWN SAND, 40/70	0.50	16,387.0	62,898.0
SLURRY	2/18/2017 01:28	2/18/2017 01:36	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,796.0	85,694.0
SLURRY	2/18/2017 01:36	2/18/2017 01:42	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,062.0	110,756.0
SLURRY	2/18/2017 01:42	2/18/2017 01:49	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,274.0	148,030.0
SLURRY	2/18/2017 01:49	2/18/2017 01:54	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,555.0	183,585.0
SLURRY	2/18/2017 01:54	2/18/2017 02:04	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,467.0	205,052.0
SLURRY	2/18/2017 02:04	2/18/2017 02:12	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,549.0	236,601.0
SLURRY	2/18/2017 02:12	2/18/2017 02:19	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,781.0	274,382.0
SLURRY	2/18/2017 02:19	2/18/2017 02:24	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,871.0	314,253.0
SLURRY	2/18/2017 02:24	2/18/2017 02:27	286.00	9,689.00	BROWN SAND, 30/50	3.00	34,067.0	348,320.0
SLURRY	2/18/2017 02:27	2/18/2017 02:31	338.00	10,027.00	BROWN SAND, 20/40	3.00	36,862.0	385,182.0
FLUSH	2/18/2017 02:31	2/18/2017 02:37	394.00	10,421.00				385,182.0
PUMP DOWN	2/18/2017 03:20	2/18/2017 03:39	216.00	10,637.00				385,182.0

Proppants

Type		Des	Sand Size
BROWN SAND		BULK SAND	100 MESH
BROWN SAND		BULK SAND	30/50
BROWN SAND		BULK SAND	40/70
BROWN SAND		BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/17/2017 06:26	4.38	14,821.0	14,823.0			
No	Yes	FRAC PLUG	2/17/2017 11:36	4.38	14,669.0	14,671.0			
No	Yes	FRAC PLUG	2/17/2017 16:51	4.38	14,517.0	14,519.0			
No	Yes	FRAC PLUG	2/17/2017 22:34	4.38	14,369.0	14,371.0			
No	Yes	FRAC PLUG	2/18/2017 03:39	4.38	14,219.0	14,221.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/19/2017

18

040671

\$8,796,761.00

\$4,289,272.14

\$314,140.63

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0
Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2	
ORIG COMPLETION	OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS	

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.
17:30	MEETING	PRE-TOUR	NIGHT	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL	COMPLETION ENGINEER		214-908-8152		
NECAISE, KEVIN	SUPERINTENDE NT				
OROZCO, LEONEL "LEO"	SUPERINTENDE NT		432-634-4799		
BROWN, PERRY	FOREMAN	Day	832-690-7101		
FULLER, RONNIE	FOREMAN	Day	940-613-6146		
STEPHENS, BOBBY	FOREMAN	Day	940-521-6335		
CHAIDEZ, OSCAR	FOREMAN	Night	432-413-0513		
VIETH, JONATHAN	FOREMAN	Night			
TAYLOR, TRACE	FOREMAN	Night	817-307-2535		

Personnel Log

Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
Frac'ing stage 37	STAGES PER DAY	4.0
Operations Summary		
Frac stages 34,35,36		
WL stages 35,36,37		
Operations Next Report Period		
Stim Ops		
Remarks		
NO INCIDENTS OR ACCIDENTS REPORTED.		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	07:25	1.43	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL	27	1.12	
07:25	09:34	2.15	STIM, OPS	FRAC	STIM	Stage 34 - Pumped as designed	NORMAL			34
09:34	12:39	3.08	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL	28	2.97	
12:39	12:53	0.23	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL			
12:53	13:44	0.85	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/ peforating guns	NORMAL			
13:44	13:53	0.15	STIM, OPS	WIRELINE	WL_PERF	Set plug @ 14,069	NORMAL			
13:53	14:29	0.6	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/ perforating guns	NORMAL			
14:29	14:36	0.12	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired.	NORMAL			
14:36	14:41	0.08	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
14:41	14:53	0.2	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL			
14:53	15:02	0.15	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron	NORMAL			
15:02	17:33	2.52	STIM, OPS	FRAC	STIM	Frac stage 35	NORMAL	29	0.22	35
17:33	17:39	0.1	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
17:39	17:50	0.18	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub/Test to 9,000 psi	NORMAL			
17:50	18:33	0.72	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
18:33	21:44	3.18	STIM, OPS	WIRELINE	WL_PERF	Plug @ 13,918'	NORMAL	30	3.00	
21:44	22:14	0.5	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			

Job:	OCM
Report Date:	2/19/2017
Report #:	18
A/E #:	040671
Total A/E + Sup:	\$8,796,761.00
Cum Field Estimate:	\$4,289,272.14
Daily Field Estimate:	\$314,140.63



UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/19/2017
18
040671
\$8,796,761.00
\$4,289,272.14
\$314,140.63

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/18/2017 15:02	2/18/2017 15:10	24.00	24.00				
PAD	2/18/2017 15:10	2/18/2017 15:31	1,429.00	1,453.00				
SLURRY	2/18/2017 15:31	2/18/2017 15:37	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	5,870.0	5,870.0
SLURRY	2/18/2017 15:37	2/18/2017 15:44	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,136.0	21,006.0
SLURRY	2/18/2017 15:44	2/18/2017 15:53	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,111.0	45,117.0
SLURRY	2/18/2017 15:53	2/18/2017 15:59	714.00	4,262.00	BROWN SAND, 40/70	0.50	12,764.0	57,881.0
SLURRY	2/18/2017 15:59	2/18/2017 16:07	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,363.0	80,244.0
SLURRY	2/18/2017 16:07	2/18/2017 16:13	595.00	5,571.00	BROWN SAND, 40/70	1.00	24,362.0	104,606.0
SLURRY	2/18/2017 16:13	2/18/2017 16:19	595.00	6,166.00	BROWN SAND, 40/70	1.50	36,997.0	141,603.0
SLURRY	2/18/2017 16:19	2/18/2017 16:46	476.00	6,642.00	BROWN SAND, 40/70	1.75	31,520.0	173,123.0
PAD	2/18/2017 16:46	2/18/2017 16:51	400.00	7,042.00				173,123.0
SLURRY	2/18/2017 16:51	2/18/2017 17:00	952.00	7,994.00	BROWN SAND, 30/50	0.50	17,929.0	191,052.0
SLURRY	2/18/2017 17:00	2/18/2017 17:08	738.00	8,732.00	BROWN SAND, 30/50	1.00	29,034.0	220,086.0
SLURRY	2/18/2017 17:08	2/18/2017 17:14	595.00	9,327.00	BROWN SAND, 30/50	1.50	37,465.0	257,551.0
SLURRY	2/18/2017 17:14	2/18/2017 17:20	476.00	9,803.00	BROWN SAND, 30/50	2.00	39,068.0	296,619.0
SLURRY	2/18/2017 17:20	2/18/2017 17:23	286.00	10,089.00	BROWN SAND, 30/50	3.00	34,532.0	331,151.0
SLURRY	2/18/2017 17:23	2/18/2017 17:29	497.00	10,586.00	BROWN SAND, 20/40	3.00	52,475.0	383,626.0
FLUSH	2/18/2017 17:29	2/18/2017 17:35	412.00	10,998.00				383,626.0
PUMP DOWN	2/18/2017 18:10	2/18/2017 18:34	435.00	11,433.00				383,626.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 36 on 2/18/2017 23:25

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/18/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB				Top Depth (ftKB) 13,782.0	Bottom Depth (ftKB) 13,904.0
Post Job Frac Gradient (...) 0.84	Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 382,758.0	Proppant In Wellbore (lb)	Proppant Total (lb) 382,758.0	Clean Volume Design (b...	Total Clean Volume (bbl) 10,575.00	
Open Wellhead (psi) 2,885.0	End of Job ISIP (psi) 3,617.0	Close Wellhead (psi) 3,503.0	Breakdown Pressure (psi) 4,833.0	Max Treating Pressure (...) 8,579.0	Avg Treating Pressure (...) 7,746.0	Max Slurry Rate (bbl/min) 100.6	Avg Slurry Rate (bbl/min) 100.2	

Comment

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/18/2017 23:25	2/18/2017 23:30	24.00	24.00				
PAD	2/18/2017 23:30	2/18/2017 23:50	1,429.00	1,453.00				
SLURRY	2/18/2017 23:50	2/18/2017 23:57	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,315.0	6,315.0
SLURRY	2/18/2017 23:57	2/19/2017 00:04	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	16,045.0	22,360.0
SLURRY	2/19/2017 00:04	2/19/2017 00:12	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,249.0	46,609.0
SLURRY	2/19/2017 00:12	2/19/2017 00:19	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,249.0	61,858.0
SLURRY	2/19/2017 00:19	2/19/2017 00:27	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,307.0	84,165.0
SLURRY	2/19/2017 00:27	2/19/2017 00:33	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,142.0	109,307.0
SLURRY	2/19/2017 00:33	2/19/2017 00:39	595.00	6,166.00	BROWN SAND, 40/70	1.50	36,832.0	146,139.0
SLURRY	2/19/2017 00:39	2/19/2017 00:45	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,864.0	182,003.0
SLURRY	2/19/2017 00:45	2/19/2017 00:54	952.00	7,594.00	BROWN SAND, 30/50	0.50	20,659.0	202,662.0
SLURRY	2/19/2017 00:54	2/19/2017 01:02	738.00	8,332.00	BROWN SAND, 30/50	1.00	30,708.0	233,370.0
SLURRY	2/19/2017 01:02	2/19/2017 01:09	595.00	8,927.00	BROWN SAND, 30/50	1.50	38,097.0	271,467.0
SLURRY	2/19/2017 01:09	2/19/2017 01:14	476.00	9,403.00	BROWN SAND, 30/50	2.00	40,195.0	311,662.0
SLURRY	2/19/2017 01:14	2/19/2017 01:16	222.00	9,625.00	BROWN SAND, 30/50	3.00	29,124.0	340,786.0
SLURRY	2/19/2017 01:16	2/19/2017 01:21	379.00	10,004.00	BROWN SAND, 20/40	3.00	41,972.0	382,758.0
FLUSH	2/19/2017 01:21	2/19/2017 01:26	384.00	10,388.00				382,758.0
PUMP DOWN	2/19/2017 02:20	2/19/2017 02:33	187.00	10,575.00				382,758.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/18/2017 13:50	4.38	14,069.0	14,071.0			
No	Yes	FRAC PLUG	2/18/2017 18:34	4.38	13,918.0	13,920.0			
No	Yes	FRAC PLUG	2/19/2017 02:33	4.38	13,769.0	13,771.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/20/2017

19

040671

\$8,796,761.00

\$4,683,907.85

\$394,635.71

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020002

42-461-40446-0000

949805-004

SPRABERRY (TREND AREA)

WOLFCAMP B3 (WFMP B3)

11/10/2016

19,320.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCM

2/1/2017

AFE APPROVED

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/2/2017

MILESTONE

READY TO START (RTS)

3/2/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

17:30

MEETING

PRE-TOUR

NIGHT

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

NECAISE, KEVIN

SUPERINTENDE NT

OROZCO, LEONEL "LEO"

SUPERINTENDE NT

432-634-4799

BROWN, PERRY

FOREMAN

Day

832-690-7101

FULLER, RONNIE

FOREMAN

Day

940-613-6146

STEPHENS, BOBBY

FOREMAN

Day

940-521-6335

CHAIDEZ, OSCAR

FOREMAN

Night

432-413-0513

VIETH, JONATHAN

FOREMAN

Night

TAYLOR, TRACE

FOREMAN

Night

817-307-2535

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

Frac'ing stage 41

STAGES PER DAY

4.0

Operations Summary

Frac stages 37,38,39,40

WL stages 38,39,40,41

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

06:07

0.12

STIM, OPS

TEST

TEST_LINE

Pressure test frac iron

NORMAL

06:07

08:12

2.08

STIM, OPS

FRAC

STIM

Stage 37 - Pumped as designed

NORMAL

37

08:12

08:19

0.12

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

08:19

08:33

0.23

STIM, OPS

WIRELINE

WL_LUB_RU

RU perforating guns - Pressure test lubricator to 9000 psi

NORMAL

08:33

09:13

0.67

STIM, OPS

WIRELINE

WL_RUNDN

RIH w/ perforating guns

NORMAL

09:13

09:15

0.03

STIM, OPS

WIRELINE

WL_PERF

Set plug @ 13,610

NORMAL

09:15

09:52

0.62

STIM, OPS

WIRELINE

WL_RUNDN

POOH w/ perforating guns

NORMAL

09:52

09:56

0.07

STIM, OPS

WIRELINE

WL_LUB_RD

RD perforating guns - Confirmed all shots fired.

NORMAL

09:56

11:23

1.45

STIM, OPS

NONOPS

PAD

WO offset wells

NORMAL

11:23

11:32

0.15

STIM, OPS

FRAC

IRON

Swing iron

NORMAL

11:32

11:41

0.15

STIM, OPS

TEST

TEST_PRIME

Load frac pumps

NORMAL

11:41

11:47

0.1

STIM, OPS

TEST

TEST_LINE

Pressure test frac iron

NORMAL

11:47

13:57

2.17

STIM, OPS

FRAC

STIM

Stage 38 - Pumped as designed

NORMAL

38

13:57

14:14

0.28

STIM, OPS

WIRELINE

WL_LUB_RU

RU perforating guns - Pressure test lubricator to 9000 psi

NORMAL

14:14

14:53

0.65

STIM, OPS

WIRELINE

WL_RUNDN

RIH w/ perforating guns

NORMAL

14:53

15:09

0.27

STIM, OPS

WIRELINE

WL_PERF

Set Plug @ 13,469

NORMAL

15:09

16:29

1.33

STIM, OPS

WIRELINE

WL_RUNUP

POOH w/perforating guns

NORMAL

**UNIVERSITY 3-310PU 4H**

Job:	OCM
Report Date:	2/20/2017
Report #:	19
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$4,683,907.85
Daily Field Estimate:	\$394,635.71

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
16:29	16:44	0.25	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired	NORMAL			
16:44	16:49	0.08	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
16:49	17:23	0.57	STIM, OPS	TEST	TEST_PRIME	Prime	NORMAL			
17:23	17:30	0.11	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
17:30	19:36	2.1	STIM, OPS	FRAC	STIM	Frac stage 39	NORMAL			39
19:36	19:42	0.1	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
19:42	19:55	0.22	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub/Test to 9,000 psi	NORMAL			
19:55	20:33	0.63	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
20:33	20:37	0.08	STIM, OPS	WIRELINE	WL_PERF	Plug @ 13,319'	NORMAL			
20:37	21:10	0.55	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
21:10	21:16	0.1	STIM, OPS	WIRELINE	WL_LUB_RD	RD Lub	NORMAL			
21:16	22:04	0.8	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
22:04	22:10	0.09	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
22:10	22:30	0.33	STIM, OPS	TEST	TEST_PRIME	Prime	NORMAL			
22:30	22:34	0.07	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
22:34	00:53	2.32	STIM, OPS	FRAC	STIM	Frac stage 40	NORMAL	33	0.20	40
00:53	00:58	0.08	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
00:58	01:13	0.25	STIM, OPS	WIRELINE	WL_LUB_RU	RU Lub/Test to 9,000 psi	NORMAL			
01:13	01:52	0.65	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
01:52	01:57	0.08	STIM, OPS	WIRELINE	WL_PERF	Plug @ 13,191'	NORMAL			
01:57	02:30	0.55	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			
02:30	03:55	1.43	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
03:55	04:02	0.11	STIM, OPS	WIRELINE	WL_LUB_RD	RD Lub	NORMAL			
04:02	04:08	0.1	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
04:08	04:16	0.13	STIM, OPS	TEST	TEST_PRIME	Prime	NORMAL			
04:16	04:20	0.07	STIM, OPS	TEST	TEST_LINE	Test lines	NORMAL			
04:20	06:00	1.67	STIM, OPS	FRAC	STIM	Frac stage 41	NORMAL			41

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED			2,239.0		-2,239.0
WELL FLUID	439,795.0	42,693.0			439,795.0

Interval Problems

WIRELINE, E-LINE, OTHER, 2/19/2017 16:51

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
32	2/19/2017 17:20	0.48	Yes	PRO OILFIELD SERVICES LLC		Waiting on WL to re-head/stab on the 5H well.

FRAC/STIMULATION EQUIPMENT, TREATING IRON, OTHER, 2/19/2017 23:14

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
33	2/19/2017 23:26	0.20	No	PNR PUMPING SERVICES LLC		Had to flush well/shut down due to leaking 90 on pump #11160. PPS was not able to isolate pump. Capped off pump.

WIRELINE, E-LINE, OTHER, 2/20/2017 04:21

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
34	2/20/2017 04:40	0.32	Yes	PRO OILFIELD SERVICES LLC		Waiting on WL to re-head/stab on the 5H well.

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELIN
PIONEER PUMPING SERVICES	BULLPEN	2/2/2017 14:00		PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
95,088.0	95,088.0	0.0

Job:	OCM
Report Date:	2/20/2017
Report #:	19
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$4,683,907.85
Daily Field Estimate:	\$394,635.71

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/21/2017

20

040671

\$8,796,761.00

\$5,081,688.40

\$397,780.55

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0

Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2
ORIG COMPLETION	OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.
17:30	MEETING	PRE-TOUR	NIGHT	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL	COMPLETION ENGINEER		214-908-8152		
NECAISE, KEVIN	SUPERINTENDE NT				
OROZCO, LEONEL "LEO"	SUPERINTENDE NT		432-634-4799		
BROWN, PERRY	FOREMAN	Day	832-690-7101		
FULLER, RONNIE	FOREMAN	Day	940-613-6146		
STEPHENS, BOBBY	FOREMAN	Day	940-521-6335		
CHAIDEZ, OSCAR	FOREMAN	Night	432-413-0513		
VIETH, JONATHAN	FOREMAN	Night			
TAYLOR, TRACE	FOREMAN	Night	817-307-2535		

Personnel Log

Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
Frac'ing stage 45	STAGES PER DAY	4.0
Operations Summary		
Frac stages 41,42,43,44		
WL stages 42,43,44,45		
Operations Next Report Period		
Stim Ops		
Remarks		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	06:49	0.82	STIM, OPS	FRAC	STIM	Stage 41 - Pumped as designed	NORMAL			41
06:49	07:10	0.35	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL			
07:10	07:45	0.58	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/perforating guns	NORMAL			
07:45	07:46	0.03	STIM, OPS	WIRELINE	WL_PERF	Set plug @ 13,019	NORMAL			
07:46	08:27	0.67	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns	NORMAL			
08:27	08:34	0.13	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired	NORMAL			
08:34	10:27	1.87	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			
10:27	10:36	0.15	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
10:36	10:45	0.15	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL			
10:45	10:58	0.22	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron	NORMAL			
10:58	13:03	2.08	STIM, OPS	FRAC	STIM	Stage 42 - Pumped as designed	NORMAL			42
13:03	13:22	0.32	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL			
13:22	13:58	0.6	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/perforating guns	NORMAL			
13:58	14:01	0.05	STIM, OPS	WIRELINE	WL_PERF	Set Plug @ 12,858	NORMAL			
14:01	15:33	1.53	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns	NORMAL			
15:33	16:01	0.48	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			
16:01	16:16	0.25	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired	NORMAL			

Job:	OCM
Report Date:	2/21/2017
Report #:	20
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$5,081,688.40
Daily Field Estimate:	\$397,780.55

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/21/2017

20

040671

\$8,796,761.00

\$5,081,688.40

\$397,780.55

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
SLURRY	2/21/2017 01:36	2/21/2017 01:42	476.00	9,403.00	BROWN SAND, 30/50	2.00	41,373.0	306,847.0
SLURRY	2/21/2017 01:42	2/21/2017 01:45	286.00	9,689.00	BROWN SAND, 30/50	3.00	40,376.0	347,223.0
SLURRY	2/21/2017 01:45	2/21/2017 01:49	405.00	10,094.00	BROWN SAND, 20/40	3.00	37,085.0	384,308.0
FLUSH	2/21/2017 01:49	2/21/2017 00:00	357.00	10,451.00				384,308.0
PUMP DOWN	2/21/2017 02:38	2/21/2017 02:46	150.00	10,601.00				384,308.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/20/2017 07:45	4.38	13,019.0	13,021.0			
No	Yes	FRAC PLUG	2/20/2017 13:58	4.38	12,858.0	12,860.0			
No	Yes	FRAC PLUG	2/20/2017 19:42	4.38	12,719.0	12,721.0			
No	Yes	FRAC PLUG	2/21/2017 02:46	4.38	12,569.0	12,571.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/22/2017

21

040671

\$8,796,761.00

\$5,387,469.96

\$305,781.56

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0
Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2	
ORIG COMPLETION	OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS	

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

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Time	Type	Des	Tour	Com
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FULLER, RONNIE	FOREMAN	Day	940-613-6146		
STEPHENS, BOBBY	FOREMAN	Day	940-521-6335		
CHAIDEZ, OSCAR	FOREMAN	Night	432-413-0513		
VIETH, JONATHAN	FOREMAN	Night			
TAYLOR, TRACE	FOREMAN	Night	817-307-2535		

Personnel Log

Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
RTF Stg 48	STAGES PER DAY	4.0
Operations Summary Frac stages 45,46,47 WL stages 46,47,48		
Operations Next Report Period Stim Ops		
Remarks		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	07:19	1.32	STIM, OPS	FRAC	STIM	Stage 45 - Pumped as designed	NORMAL			45
07:19	10:20	3.02	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			
10:20	10:36	0.27	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL			
10:36	11:08	0.53	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/perforating guns	NORMAL			
11:08	11:12	0.07	STIM, OPS	WIRELINE	WL_PERF	Set plug @ 12,417	NORMAL			
11:12	11:42	0.5	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns	NORMAL			
11:42	13:20	1.63	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			
13:20	13:28	0.13	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired	NORMAL			
13:28	13:50	0.37	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			
13:50	13:53	0.05	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL			
13:53	14:01	0.13	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron	NORMAL			
14:01	16:08	2.12	STIM, OPS	FRAC	STIM	Stage 46 - Pumped as designed	NORMAL			46
16:08	18:46	2.63	STIM, OPS	NONOPS	PAD	Waiting on off set well	NORMAL			
18:46	19:03	0.28	STIM, OPS	WIRELINE	WL_LUB_RU	Ru Lub/Test to 9,000 psi	NORMAL			
19:03	19:40	0.63	STIM, OPS	WIRELINE	WL_RUNDN	RIH	NORMAL			
19:40	19:46	0.09	STIM, OPS	WIRELINE	WL_PERF	Plug @ 12,269'	NORMAL			
19:46	20:13	0.45	STIM, OPS	WIRELINE	WL_RUNUP	POOH	NORMAL			

Job:	OCM
Report Date:	2/22/2017
Report #:	21
A/E #:	040671
Total A/E + Sup:	\$8,796,761.00
Cum Field Estimate:	\$5,387,469.96
Daily Field Estimate:	\$305,781.56

**UNIVERSITY 3-310PU 4H**

Job:	OCM
Report Date:	2/22/2017
Report #:	21
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$5,387,469.96
Daily Field Estimate:	\$305,781.56

Stimulations Summary

Stim/Treat Company PIONEER PUMPING SERVICES	Diversion Company	Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date	Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 47	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 514,607.00	Proppant Total (lb) 18,027,132.0		

Stimulation Intervals

Frac Stage 46 on 2/21/2017 14:02

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/21/2017		String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 12,282.0	Bottom Depth (ftKB) 12,404.0
Post Job Frac Gradient (...) 0.84	Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 385,347.0	Proppant In Wellbore (lb)	Proppant Total (lb) 385,347.0	Clean Volume Design (bbl/min) 10,523.00	Total Clean Volume (bbl) 11,183.00	
Open Wellhead (psi) 2,840.0	End of Job ISIP (psi) 3,661.0	Close Wellhead (psi) 3,459.0	Breakdown Pressure (psi) 4,409.0	Max Treating Pressure (...) 8,949.0	Avg Treating Pressure (...) 7,472.0	Max Slurry Rate (bbl/min) 101.7	Avg Slurry Rate (bbl/min) 99.3	
Comment								

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/21/2017 14:01	2/21/2017 14:08	24.00	24.00				
PAD	2/21/2017 14:08	2/21/2017 14:28	1,429.00	1,453.00				
SLURRY	2/21/2017 14:28	2/21/2017 14:34	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	5,287.0	5,287.0
SLURRY	2/21/2017 14:34	2/21/2017 14:43	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	16,106.0	21,393.0
SLURRY	2/21/2017 14:43	2/21/2017 14:50	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	25,063.0	46,456.0
SLURRY	2/21/2017 14:50	2/21/2017 14:57	714.00	4,262.00	BROWN SAND, 40/70	0.50	16,155.0	62,611.0
SLURRY	2/21/2017 14:57	2/21/2017 15:05	714.00	4,976.00	BROWN SAND, 40/70	0.75	23,083.0	85,694.0
SLURRY	2/21/2017 15:05	2/21/2017 15:11	595.00	5,571.00	BROWN SAND, 40/70	1.00	24,251.0	109,945.0
SLURRY	2/21/2017 15:11	2/21/2017 15:18	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,972.0	147,917.0
SLURRY	2/21/2017 15:18	2/21/2017 15:22	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,178.0	183,095.0
SLURRY	2/21/2017 15:22	2/21/2017 15:32	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,403.0	204,498.0
SLURRY	2/21/2017 15:32	2/21/2017 15:40	738.00	8,332.00	BROWN SAND, 30/50	1.00	29,691.0	234,189.0
SLURRY	2/21/2017 15:40	2/21/2017 15:46	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,138.0	271,327.0
SLURRY	2/21/2017 15:46	2/21/2017 15:51	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,719.0	311,046.0
SLURRY	2/21/2017 15:51	2/21/2017 15:54	290.00	9,693.00	BROWN SAND, 30/50	3.00	34,624.0	345,670.0
SLURRY	2/21/2017 16:00	2/21/2017 16:00	505.00	10,198.00	BROWN SAND, 20/40	3.00	39,677.0	385,347.0
FLUSH	2/21/2017 16:11	2/21/2017 16:11	854.00	11,052.00				385,347.0
PUMP DOWN	2/21/2017 19:33	2/21/2017 19:41	131.00	11,183.00				385,347.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 47 on 2/21/2017 22:32

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/21/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 12,132.0	Bottom Depth (ftKB) 12,254.0
Post Job Frac Gradient (...)	Pump Power Max (hp) 0.90	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 383,731.0	Proppant In Wellbore (lb)	Proppant Total (lb) 383,731.0	Clean Volume Design (bbl)	Total Clean Volume (bbl) 10,523.00
Open Wellhead (psi) 2,866.0	End of Job ISIP (psi) 4,145.0	Close Wellhead (psi) 3,591.0	Breakdown Pressure (psi) 4,515.0	Max Treating Pressure (...) 8,379.0	Avg Treating Pressure (...) 7,417.0	Max Slurry Rate (bbl/min) 100.7	Avg Slurry Rate (bbl/min) 99.9
Comment							

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/21/2017 22:32	2/21/2017 22:38	24.00	24.00				
PAD	2/21/2017 22:38	2/21/2017 22:59	1,429.00	1,453.00				
SLURRY	2/21/2017 22:59	2/21/2017 23:05	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,102.0	6,102.0
SLURRY	2/21/2017 23:05	2/21/2017 23:13	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,569.0	21,671.0
SLURRY	2/21/2017 23:13	2/21/2017 23:20	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	23,619.0	45,290.0
SLURRY	2/21/2017 23:20	2/21/2017 23:28	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,073.0	60,363.0
SLURRY	2/21/2017 23:28	2/21/2017 23:35	714.00	4,976.00	BROWN SAND, 40/70	0.75	20,983.0	81,346.0
SLURRY	2/21/2017 23:35	2/21/2017 23:42	595.00	5,571.00	BROWN SAND, 40/70	1.00	25,747.0	107,093.0
SLURRY	2/21/2017 23:42	2/21/2017 23:48	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,296.0	144,389.0
SLURRY	2/21/2017 23:48	2/21/2017 23:53	476.00	6,642.00	BROWN SAND, 40/70	1.75	34,649.0	179,038.0
SLURRY	2/21/2017 23:53	2/22/2017 00:03	952.00	7,594.00	BROWN SAND, 30/50	0.50	19,721.0	198,759.0
SLURRY	2/22/2017 00:03	2/22/2017 00:10	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,575.0	230,334.0
SLURRY	2/22/2017 00:10	2/22/2017 00:17	595.00	8,927.00	BROWN SAND, 30/50	1.50	38,283.0	268,617.0
SLURRY	2/22/2017 00:17	2/22/2017 00:22	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,194.0	307,811.0
SLURRY	2/22/2017 00:22	2/22/2017 00:25	286.00	9,689.00	BROWN SAND, 30/50	3.00	24,669.0	332,480.0
SLURRY	2/22/2017 00:25	2/22/2017 00:31	565.00	10,254.00	BROWN SAND, 20/40	3.00	51,251.0	383,731.0
FLUSH	2/22/2017 00:31	2/22/2017 00:37	347.00	10,601.00				383,731.0
PUMP DOWN	2/22/2017 04:02	2/22/2017 04:11	122.00	10,723.00				383,731.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 2/22/2017

Report #: 21

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$5,387,469.96

Daily Field Estimate: \$305,781.56

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/21/2017 11:08	4.38	12,419.0	12,421.0			
No	Yes	FRAC PLUG	2/21/2017 19:41	4.38	12,269.0	12,271.0			
No	Yes	FRAC PLUG	2/22/2017 04:11	4.38	12,124.0	12,126.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/23/2017

22

040671

\$8,796,761.00

\$5,681,320.53

\$293,850.57

Job:	OCM
Report Date:	2/23/2017
Report #:	22
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$5,681,320.53
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UNIVERSITY 3-310PU 4H

Job:
Report Date:
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Total AFE + Sup:
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Daily Field Estimate:

OCM
2/23/2017
22
040671
\$8,796,761.00
\$5,681,320.53
\$293,850.57

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
SLURRY	2/22/2017 15:09	2/22/2017 15:16	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	5,534.0	5,534.0
SLURRY	2/22/2017 15:16	2/22/2017 15:23	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	13,815.0	19,349.0
SLURRY	2/22/2017 15:23	2/22/2017 01:53	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,628.0	43,977.0
SLURRY	2/22/2017 15:31	2/22/2017 15:38	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,367.0	59,344.0
SLURRY	2/22/2017 15:38	2/22/2017 15:45	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,463.0	81,807.0
SLURRY	2/22/2017 15:45	2/22/2017 15:52	595.00	5,571.00	BROWN SAND, 40/70	1.00	24,679.0	106,486.0
SLURRY	2/22/2017 15:52	2/22/2017 15:58	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,045.0	143,531.0
SLURRY	2/22/2017 15:58	2/22/2017 16:03	476.00	6,642.00	BROWN SAND, 40/70	1.75	34,771.0	178,302.0
SLURRY	2/22/2017 16:03	2/22/2017 16:13	952.00	7,594.00	BROWN SAND, 30/50	0.50	22,121.0	200,423.0
SLURRY	2/22/2017 16:13	2/22/2017 16:21	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,120.0	231,543.0
SLURRY	2/22/2017 16:21	2/22/2017 16:27	595.00	8,927.00	BROWN SAND, 30/50	1.50	36,494.0	268,037.0
SLURRY	2/22/2017 16:27	2/22/2017 16:32	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,064.0	307,101.0
SLURRY	2/22/2017 16:32	2/22/2017 16:36	290.00	9,693.00	BROWN SAND, 30/50	3.00	36,922.0	344,023.0
SLURRY	2/22/2017 16:36	2/22/2017 16:40	395.00	10,088.00	BROWN SAND, 20/40	3.00	41,866.0	385,889.0
FLUSH	2/22/2017 16:40	2/22/2017 16:45	363.00	10,451.00				385,889.0
PUMP DOWN	2/22/2017 17:31	2/22/2017 17:47	116.00	10,567.00				385,889.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 50 on 2/22/2017 18:57

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/22/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 11,682.0	Bottom Depth (ftKB) 11,804.0
Post Job Frac Gradient (...) Pump Power Max (hp) 0.89		Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 388,266.0	Proppant In Wellbore (lb)	Proppant Total (lb) 388,266.0	Clean Volume Design (b...	Total Clean Volume (bbl) 10,581.00
Open Wellhead (psi) 2,988.0		End of Job ISIP (psi) 4,122.0	Close Wellhead (psi) 3,857.0	Breakdown Pressure (psi) 4,409.0	Max Treating Pressure (...) 8,067.0	Avg Treating Pressure (...) 7,505.0	Max Slurry Rate (bbl/min) 101
Avg Slurry Rate (bbl/min) 100.2							
Comment							

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/22/2017 19:00	2/22/2017 19:04	24.00	24.00				
PAD	2/22/2017 19:04	2/22/2017 19:27	1,429.00	1,453.00				
SLURRY	2/22/2017 19:27	2/22/2017 19:33	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	5,832.0	5,832.0
SLURRY	2/22/2017 19:33	2/22/2017 19:40	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,118.0	19,950.0
SLURRY	2/22/2017 19:40	2/22/2017 19:48	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	25,043.0	44,993.0
SLURRY	2/22/2017 19:48	2/22/2017 19:55	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,157.0	60,150.0
SLURRY	2/22/2017 19:55	2/22/2017 20:02	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,021.0	82,171.0
SLURRY	2/22/2017 20:02	2/22/2017 20:08	595.00	5,571.00	BROWN SAND, 40/70	1.00	24,721.0	106,892.0
SLURRY	2/22/2017 20:08	2/22/2017 20:15	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,250.0	144,142.0
SLURRY	2/22/2017 20:15	2/22/2017 20:20	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,631.0	179,773.0
SLURRY	2/22/2017 20:20	2/22/2017 20:29	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,647.0	201,420.0
SLURRY	2/22/2017 20:29	2/22/2017 20:37	738.00	8,332.00	BROWN SAND, 30/50	1.00	31,328.0	232,748.0
SLURRY	2/22/2017 20:37	2/22/2017 20:43	595.00	8,927.00	BROWN SAND, 30/50	1.50	36,537.0	269,285.0
SLURRY	2/22/2017 20:43	2/22/2017 20:49	476.00	9,403.00	BROWN SAND, 30/50	2.00	40,342.0	309,627.0
SLURRY	2/22/2017 20:49	2/22/2017 20:52	286.00	9,689.00	BROWN SAND, 30/50	3.00	32,257.0	341,884.0
SLURRY	2/22/2017 20:52	2/22/2017 20:57	420.00	10,109.00	BROWN SAND, 20/40	3.00	46,382.0	388,266.0
FLUSH	2/22/2017 20:57	2/22/2017 21:02	362.00	10,471.00				388,266.0
PUMP DOWN	2/22/2017 21:46	2/22/2017 21:53	110.00	10,581.00				388,266.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/22/2017 11:04	4.38	11,969.0	11,971.0			
No	Yes	FRAC PLUG	2/22/2017 17:47	4.38	11,804.0	11,806.0			
No	Yes	FRAC PLUG	2/22/2017 21:53	4.38	11,669.0	11,671.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/24/2017

23

040671

\$8,796,761.00

\$5,808,932.22

\$127,611.69

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

2/5/2017

Type

MILESTONE

Subtype

TURN OVER TO PRODUCTION

Note

Date

3/2/2017

Type

MILESTONE

Subtype

READY TO START (RTS)

Note

Date

3/2/2017

Type

PLAN

Subtype

STIMULATION END

Note

Safety Checks

Time

06:01

Type

MEETING

Des

PRE-TOUR

Tour

DAY

Com

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location

Contact Name

THOMAS, MICHAEL

Title

COMPLETION ENGINEER

Tour

Mobile

214-908-8152

Alt Mobile #

Note

Contact Name

NECAISE, KEVIN

Title

SUPERINTENDE NT

Tour

Mobile

Alt Mobile #

Note

Contact Name

BROWN, PERRY

Title

FOREMAN

Tour

NIGHT

Mobile

832-690-7101

Alt Mobile #

Note

Contact Name

FULLER, RONNIE

Title

FOREMAN

Tour

NIGHT

Mobile

940-613-6146

Alt Mobile #

Note

Contact Name

STEPHENS, BOBBY

Title

FOREMAN

Tour

NIGHT

Mobile

940-521-6335

Alt Mobile #

Note

Contact Name

BELCHER, BOB

Title

FOREMAN

Tour

Day

Mobile

940-257-5660

Alt Mobile #

940-257-4658

Note

Contact Name

HATHCOAT, ANDREW

Title

SUPERVISOR

Tour

Day

Mobile

903-439-5529

Alt Mobile #

Note

Contact Name

TREJO, JEREMIAH

Title

FOREMAN

Tour

Day

Mobile

682-229-0983

Alt Mobile #

Note

Personnel Log

Company

SUPREME PRODUCTION SERVICES INC

Count

4

Company

PRO OILFIELD SERVICES LLC

Count

6

Company

PIONEER NATURAL RESOURCES USA INC

Count

6

Company

PNR PUMPING SERVICES LLC

Count

6

Daily Operations

Operations at Report Time

Pumping stage 52 @ report time

Daily Goal Description

STAGES PER DAY

Daily Goal - Last 24

1.0

Operations Summary

FRAC STG - 51

P/P STG - 52

Operations Next Report Period

Stim Ops

Remarks

NO INCIDENTS OR ACCIDENTS REPORTED.

Time Log

Start Time

06:00

End Time

15:00

Dur (hr)

9

Phase

STIM, OPS

Activity

NONOPS

Operation

SHUT_IN

Com

WELL SHUT IN WAITING ON NEW FRAC VALVES

Ops Category

NORMAL

Prob Ref #

39

Prob Hrs (hr)

9.00

Frac Stage

Start Time

15:00

End Time

23:12

Dur (hr)

8.2

Phase

STIM, OPS

Activity

SETUP

Operation

FRAC_STAC

Com

CHANGE OUT FRAC VALVES DUE TO OVER PRESSURE.

Ops Category

NORMAL

Prob Ref #

39

Prob Hrs (hr)

8.20

Frac Stage

Start Time

23:12

End Time

00:42

Dur (hr)

1.5

Phase

STIM, OPS

Activity

FRAC

Operation

STIM

Com

Stage 51

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

00:42

End Time

00:49

Dur (hr)

0.13

Phase

STIM, OPS

Activity

FRAC

Operation

IRON

Com

Swing Iron

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

00:49

End Time

01:03

Dur (hr)

0.22

Phase

STIM, OPS

Activity

WIRELINE

Operation

WL_LUB_RU

Com

RU perforating guns - Pressure test lubricator to 9000 psi

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

01:03

End Time

01:34

Dur (hr)

0.53

Phase

STIM, OPS

Activity

WIRELINE

Operation

WL_RUNDN

Com

RIH w/perforating guns

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

01:34

End Time

01:39

Dur (hr)

0.07

Phase

STIM, OPS

Activity

WIRELINE

Operation

WL_PERF

Com

Set Plug @ 11,519

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

01:39

End Time

02:04

Dur (hr)

0.42

Phase

STIM, OPS

Activity

WIRELINE

Operation

WL_RUNUP

Com

POOH w/perforating guns

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

02:04

End Time

03:24

Dur (hr)

1.33

Phase

STIM, OPS

Activity

NONOPS

Operation

PAD

Com

WO offset wells

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

03:24

End Time

03:30

Dur (hr)

0.1

Phase

STIM, OPS

Activity

WIRELINE

Operation

WL_LUB_RD

Com

RD perforating guns - Confirmed all shots fired.

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

03:30

End Time

03:37

Dur (hr)

0.13

Phase

STIM, OPS

Activity

FRAC

Operation

IRON

Com

Swing Iron

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

03:37

End Time

03:58

Dur (hr)

0.35

Phase

STIM, OPS

Activity

TEST

Operation

TEST_PRIME

Com

Load frac pumps

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

03:58

End Time

04:12

Dur (hr)

0.23

Phase

STIM, OPS

Activity

TEST

Operation

TEST_LINE

Com

Pressure test frac iron

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Start Time

04:12

End Time

06:00

Dur (hr)

1.79

Phase

STIM, OPS

Activity

FRAC

Operation

STIM

Com

Stage 52 - Pumped as designed

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Fluid Summary

Fluid

DISPOSED WELL FLUID

Cum to Well (bbl)

559,776.0

To well (bbl)

13,157.0

Cum from Well (bbl)

2,239.0

From well (bbl)

Left to recover (bbl)

-2,239.0559,776.0

Interval Problems

WELLHEAD, SAFETY STAND, OTHER, 2/23/2017 01:41

Ref #

39

End Date

2/23/2017 23:12

Dur (Net) (hr)

21.52

Excl...

No

Accountable Party

PNR PUMPING SERVICES LLC

Est Cost (Cost)

Comment

Safety stand down due to over pressure on stack. Change out Frac stack.

Job:	OCM
Report Date:	2/24/2017
Report #:	23
A/E #:	040671
Total A/E + Sup:	\$8,796,761.00
Cum Field Estimate:	\$5,808,932.22
Daily Field Estimate:	\$127,611.69

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/25/2017

24

040671

\$8,796,761.00

\$6,295,214.41

\$486,282.19

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0

Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2
ORIG COMPLETION	OCM	2/1/2017		AFE APPROVED	STIM ENG - MICHAEL THOMAS

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.
17:45	MEETING	PRE-TOUR	NIGHT	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.
17:45	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL	COMPLETION ENGINEER		214-908-8152		
NECAISE, KEVIN	SUPERINTENDE NT				
BROWN, PERRY	FOREMAN	NIGHT	832-690-7101		
FULLER, RONNIE	FOREMAN	NIGHT	940-613-6146		
STEPHENS, BOBBY	FOREMAN	NIGHT	940-521-6335		
BELCHER, BOB	FOREMAN	Day	940-257-5660	940-257-4658	
HATHCOAT, ANDREW	SUPERVISOR	Day	903-439-5529		
TREJO, JEREMIAH	FOREMAN	Day	682-229-0983		

Personnel Log

Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
WL stage 57 @ report time	STAGES PER DAY	4.0
Operations Summary		
FRAC STG - 52,53,54,55,56		
P/P STG - 53,54,55,56,57		
NPT =		
Operations Next Report Period		
Stim Ops		
Remarks		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	06:17	0.29	STIM, OPS	FRAC	STIM	Stim Stage 52	NORMAL			
06:17	06:46	0.48	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL			
06:46	07:20	0.57	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/perforating guns	NORMAL			
07:20	07:25	0.08	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 53	NORMAL			
07:25	07:55	0.5	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns	NORMAL			
07:55	08:00	0.08	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired.	NORMAL			
08:00	09:44	1.74	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			
09:44	09:49	0.08	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL			
09:49	10:00	0.18	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL			
10:00	10:08	0.14	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron	NORMAL			
10:08	12:10	2.03	STIM, OPS	FRAC	STIM	Stim Stg 53	NORMAL			
12:10	12:26	0.27	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL			
12:26	13:00	0.57	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/perforating guns	NORMAL			
13:00	13:05	0.08	STIM, OPS	WIRELINE	WL_PERF	P/P Stg 54	NORMAL			
13:05	13:28	0.38	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns	NORMAL			
13:28	14:44	1.27	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL			

Job:	OCM
Report Date:	2/25/2017
Report #:	24
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$6,295,214.41
Daily Field Estimate:	\$486,282.19

Job:	OCM
Report Date:	2/25/2017
Report #:	24
A/E #:	040671
Total A/E + Sup:	\$8,796,761.00
Cum Field Estimate:	\$6,295,214.41
Daily Field Estimate:	\$486,282.19



UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
2/25/2017
24
040671
\$8,796,761.00
\$6,295,214.41
\$486,282.19

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/24/2017 10:08	2/24/2017 10:13	24.00	24.00				
PAD	2/24/2017 10:13	2/24/2017 10:33	1,429.00	1,453.00				
SLURRY	2/24/2017 10:33	2/24/2017 10:40	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	5,466.0	5,466.0
SLURRY	2/24/2017 10:40	2/24/2017 10:47	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,165.0	19,631.0
SLURRY	2/24/2017 10:47	2/24/2017 10:55	786.00	3,548.00	BROWN SAND, 100 MESH	75.00	25,770.0	45,401.0
SLURRY	2/24/2017 10:55	2/24/2017 11:02	714.00	4,262.00	BROWN SAND, 40/70	0.50	14,836.0	60,237.0
SLURRY	2/24/2017 11:02	2/24/2017 11:10	714.00	4,976.00	BROWN SAND, 40/70	0.75	22,010.0	82,247.0
SLURRY	2/24/2017 11:10	2/24/2017 11:16	595.00	5,571.00	BROWN SAND, 40/70	1.00	23,966.0	106,213.0
SLURRY	2/24/2017 11:16	2/24/2017 11:22	595.00	6,166.00	BROWN SAND, 40/70	1.50	36,604.0	142,817.0
SLURRY	2/24/2017 11:22	2/24/2017 11:28	476.00	6,642.00	BROWN SAND, 40/70	1.75	36,446.0	179,263.0
SLURRY	2/24/2017 11:28	2/24/2017 11:37	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,466.0	200,729.0
SLURRY	2/24/2017 11:37	2/24/2017 11:45	738.00	8,332.00	BROWN SAND, 30/50	1.00	29,779.0	230,508.0
SLURRY	2/24/2017 11:45	2/24/2017 11:51	595.00	8,927.00	BROWN SAND, 30/50	1.50	36,498.0	267,006.0
SLURRY	2/24/2017 11:51	2/24/2017 11:57	476.00	9,403.00	BROWN SAND, 30/50	2.00	41,082.0	308,088.0
SLURRY	2/24/2017 11:57	2/24/2017 12:00	286.00	9,689.00	BROWN SAND, 30/50	3.00	33,576.0	341,664.0
SLURRY	2/24/2017 12:00	2/24/2017 12:05	452.00	10,141.00	BROWN SAND, 20/40	3.00	43,115.0	384,779.0
FLUSH	2/24/2017 12:05	2/24/2017 12:10	353.00	10,494.00				384,779.0
PUMP DOWN	2/24/2017 12:26	2/24/2017 13:05	88.00	10,582.00				384,779.0

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 54 on 2/24/2017 15:14

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/24/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 11,082.0	Bottom Depth (ftKB) 11,204.0
Post Job Frac Gradient (...) Pump Power Max (hp) 0.85		Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 387,652.0	Proppant In Wellbore (lb)	Proppant Total (lb) 387,652.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 10,540.00
Open Wellhead (psi) 2,951.0	End of Job ISIP (psi) 3,743.0	Close Wellhead (psi) 3,591.0	Breakdown Pressure (psi) 4,682.0	Max Treating Pressure (...) 8,231.0	Avg Treating Pressure (...) 7,301.0	Max Slurry Rate (bbl/min) 100.7	Avg Slurry Rate (bbl/min) 100.2

Comment

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/24/2017 15:14	2/24/2017 15:20	24.00	24.00				
PAD	2/24/2017 15:20	2/24/2017 15:42	1,429.00	1,453.00				
SLURRY	2/24/2017 15:42	2/24/2017 15:48	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,167.0	6,167.0
SLURRY	2/24/2017 15:48	2/24/2017 15:55	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,853.0	22,020.0
SLURRY	2/24/2017 15:55	2/24/2017 16:05	944.00	3,706.00	BROWN SAND, 100 MESH	75.00	25,735.0	47,755.0
SLURRY	2/24/2017 16:05	2/24/2017 16:12	714.00	4,420.00	BROWN SAND, 40/70	0.50	14,841.0	62,596.0
SLURRY	2/24/2017 16:12	2/24/2017 16:19	714.00	5,134.00	BROWN SAND, 40/70	0.75	22,224.0	84,820.0
SLURRY	2/24/2017 16:19	2/24/2017 16:26	595.00	5,729.00	BROWN SAND, 40/70	1.00	24,371.0	109,191.0
SLURRY	2/24/2017 16:26	2/24/2017 16:32	595.00	6,324.00	BROWN SAND, 40/70	1.50	36,665.0	145,856.0
SLURRY	2/24/2017 16:32	2/24/2017 16:37	476.00	6,800.00	BROWN SAND, 40/70	1.75	35,571.0	181,427.0
SLURRY	2/24/2017 16:37	2/24/2017 16:47	952.00	7,752.00	BROWN SAND, 30/50	0.50	21,569.0	202,996.0
SLURRY	2/24/2017 16:47	2/24/2017 16:54	738.00	8,490.00	BROWN SAND, 30/50	1.00	30,825.0	233,821.0
SLURRY	2/24/2017 16:54	2/24/2017 17:01	595.00	9,085.00	BROWN SAND, 30/50	1.50	36,871.0	270,692.0
SLURRY	2/24/2017 17:01	2/24/2017 17:06	476.00	9,561.00	BROWN SAND, 30/50	2.00	40,769.0	311,461.0
SLURRY	2/24/2017 17:06	2/24/2017 17:09	291.00	9,852.00	BROWN SAND, 30/50	3.00	34,888.0	346,349.0
SLURRY	2/24/2017 17:09	2/24/2017 19:14	458.00	10,310.00	BROWN SAND, 20/40	3.00	41,303.0	387,652.0
FLUSH	2/24/2017 17:14	2/24/2017 17:19	150.00	10,460.00				387,652.0
PUMP DOWN	2/24/2017 18:16	2/24/2017 18:24	80.00	10,540.00				387,652.0

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 55 on 2/24/2017 20:48

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/24/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 10,932.0	Bottom Depth (ftKB) 11,054.0
Post Job Frac Gradient (...) Pump Power Max (hp) 0.88		Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 382,425.0	Proppant In Wellbore (lb)	Proppant Total (lb) 382,425.0	Clean Volume Design (b...) 10,523.00	Total Clean Volume (bbl) 10,593.00
Open Wellhead (psi) 2,048.0	End of Job ISIP (psi) 4,031.0	Close Wellhead (psi) 3,593.0	Breakdown Pressure (psi) 4,726.0	Max Treating Pressure (...) 8,350.0	Avg Treating Pressure (...) 7,553.0	Max Slurry Rate (bbl/min) 100.6	Avg Slurry Rate (bbl/min) 100.1

Comment

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

UNIVERSITY 3-310PU 4H

Well Status COMPLETION	Open Formation WOLFCAMP B3 (WFMP B3)			Spud Date 11/10/2016 06:00	On Production Date		
Job: ORIG COMPLETION , Job Start Date: 2/1/2017 20:00							
Job Category ORIG COMPLETION	Job Status AFE APPROVED	Permit Num... 819033	Start Date 2/1/2017 20:00	End Date	Job Type OCM	Primary Wellbore Affected SIDETRACK 1	Responsible Grp 2 STIM ENG - MICHAEL THOMAS

Job Dates			
Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/2/2017	PLAN	STIMULATION END	

Rigs					
Proposed?	Contractor	Rig #	Start Date	RR Date	Rig Type
No	PRO OILFIELD SERVICES	1	2/2/2017		WIRELINE
No	PIONEER PUMPING SERVICES	BULLPEN	2/2/2017		PUMPDOWN
No	PIONEER PUMPING SERVICES	3	2/3/2017		FRAC FLEET

Phases					
Phase	Step	Wellbore	Actual Start Date	Actual End Date	Actual Phase Field Est (Cost)
PRESTIM	PRE OPS	ORIGINAL	2/1/2017 20:00	2/3/2017 07:00	282,076.72
IDLE	WO PRESTIM OPS	ORIGINAL	2/3/2017 07:00	2/3/2017 07:00	0.00
PRESTIM	OPS	ORIGINAL	2/3/2017 07:00	2/4/2017 04:30	15,674.97
PRESTIM	POST OPS	ORIGINAL	2/4/2017 04:30	2/5/2017 10:15	46,096.41
IDLE	WO STIM	ORIGINAL	2/5/2017 10:15	2/5/2017 10:15	0.00
STIM	PRE OPS	ORIGINAL	2/5/2017 10:15	2/5/2017 18:00	39,015.03
STIM	OPS	ORIGINAL	2/5/2017 18:00		6,301,006.47
STIM	POST OPS	ORIGINAL			
IDLE	WO POSTSTIM	ORIGINAL			
POSTSTIM	PRE OPS	ORIGINAL			
POSTSTIM	DRL OUT	ORIGINAL			
POSTSTIM	POST DO	ORIGINAL			
POSTSTIM	SET PROD	ORIGINAL			
POSTSTIM	POST OPS	ORIGINAL			

Safety Checks						
Date	Type	Safety Checks Per Day	Tour	Inspected By	Des	Com
2/25/2017 06:01	MEETING		DAY	J Trejo/A Hathcoat	PRE-TOUR	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.
2/25/2017 17:45	MEETING		NIGHT	Perry Brown	PRE-TOUR	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Operations Data From: 2/25/2017 06:00 - Date To: 2/26/2017 06:00			
Report Start Date 2/25/2017 06:00		Report End Date 2/26/2017 06:00	
Operations at Report Time RTF stg 61		Operations Next Report Period Stim Ops	
Daily Goal Description STAGES PER DAY	Daily Goal - Last 24 4.0	Daily Goal - Next 24 4.0	Goal Comments
Operations Summary FRAC STG - 57,58,59,60 P/P STG - 58,59,60,61 NPT =			
Remarks			

Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Activity	Operation	Ops Category	Wellbore	Com	Problem ?	Prob Ref #	Frac Stage
06:00	06:34	0.57	0.57	STIM, OPS	NONOPS	PAD	NORMAL	SIDETR ACK 1	WO offset wells	No		
06:34	06:39	0.08	0.65	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron	No		
06:39	06:46	0.12	0.77	STIM, OPS	TEST	TEST_PRIME	NORMAL	SIDETR ACK 1	Load frac pumps	No		

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Activity	Operation	Ops Category	Wellbore	Com	Problem ?	Prob Ref #	Frac Stage
06:46	06:53	0.12	0.89	STIM, OPS	TEST	TEST_LINE	NORMAL	SIDETR ACK 1	Pressure test frac iron	No		
06:53	08:54	2.02	2.91	STIM, OPS	FRAC	STIM	NORMAL	SIDETR ACK 1	Stim Stg 57	No		
08:54	09:17	0.38	3.29	STIM, OPS	WIRELIN E	WL_LUB_R U	NORMAL	SIDETR ACK 1	RU perforating guns - Pressure test lubricator to 9000 psi	No		
09:17	09:46	0.48	3.77	STIM, OPS	WIRELIN E	WL_RUNDN	NORMAL	SIDETR ACK 1	RIH w/perforating guns	No		
09:46	09:51	0.08	3.85	STIM, OPS	WIRELIN E	WL_PERF	NORMAL	SIDETR ACK 1	P/P Stg 58	No		
09:51	10:09	0.3	4.15	STIM, OPS	WIRELIN E	WL_RUNUP	NORMAL	SIDETR ACK 1	POOH w/perforating guns	No		
10:09	11:39	1.5	5.65	STIM, OPS	NONOPS	PAD	NORMAL	SIDETR ACK 1	WO offset wells	No		
11:39	11:43	0.07	5.72	STIM, OPS	WIRELIN E	WL_LUB_R D	NORMAL	SIDETR ACK 1	RD perforating guns - Confirmed all shots fired.	No		
11:43	11:46	0.05	5.77	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron	No		
11:46	12:20	0.57	6.34	STIM, OPS	TEST	TEST_PRIM E	NORMAL	SIDETR ACK 1	Load frac pumps	No		
12:20	12:28	0.13	6.47	STIM, OPS	TEST	TEST_LINE	NORMAL	SIDETR ACK 1	Pressure test frac iron	No		
12:28	14:29	2.02	8.49	STIM, OPS	FRAC	STIM	NORMAL	SIDETR ACK 1	Stim Stg 58	No		
14:29	14:43	0.23	8.72	STIM, OPS	WIRELIN E	WL_LUB_R U	NORMAL	SIDETR ACK 1	RU perforating guns - Pressure test lubricator to 9000 psi	No		
14:43	15:15	0.54	9.26	STIM, OPS	WIRELIN E	WL_RUNDN	NORMAL	SIDETR ACK 1	RIH w/perforating guns	No		
15:15	15:20	0.08	9.34	STIM, OPS	WIRELIN E	WL_PERF	NORMAL	SIDETR ACK 1	P/P Stg 59	No		
15:20	15:40	0.33	9.67	STIM, OPS	WIRELIN E	WL_RUNUP	NORMAL	SIDETR ACK 1	POOH w/perforating guns	No		
15:40	15:46	0.1	9.77	STIM, OPS	WIRELIN E	WL_LUB_R D	NORMAL	SIDETR ACK 1	RD perforating guns - Confirmed all shots fired.	No		
15:46	17:07	1.35	11.12	STIM, OPS	NONOPS	PAD	NORMAL	SIDETR ACK 1	WO offset wells	No		
17:07	17:14	0.12	11.24	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron	No		
17:14	17:33	0.32	11.56	STIM, OPS	TEST	TEST_PRIM E	NORMAL	SIDETR ACK 1	Load frac pumps	No		
17:33	18:00	0.45	12.01	STIM, OPS	TEST	TEST_LINE	NORMAL	SIDETR ACK 1	Pressure test frac iron	Yes	41	
18:00	20:30	2.5	14.51	STIM, OPS	FRAC	STIM	NORMAL	SIDETR ACK 1	Stage 59 - Pumped as designed	Yes	42	
20:30	20:38	0.13	14.64	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron	No		
20:38	20:50	0.2	14.84	STIM, OPS	WIRELIN E	WL_LUB_R U	NORMAL	SIDETR ACK 1	RU perforating guns - Pressure test lubricator to 9000 psi	No		
20:50	21:26	0.6	15.44	STIM, OPS	WIRELIN E	WL_RUNDN	NORMAL	SIDETR ACK 1	RIH w/perforating guns	No		
21:26	21:28	0.03	15.47	STIM, OPS	WIRELIN E	WL_PERF	NORMAL	SIDETR ACK 1	Set Plug @10,319	No		
21:28	21:49	0.35	15.82	STIM, OPS	WIRELIN E	WL_RUNUP	NORMAL	SIDETR ACK 1	POOH w/perforating guns	No		
21:49	23:16	1.45	17.27	STIM, OPS	NONOPS	PAD	NORMAL	SIDETR ACK 1	WO offset wells	No		
23:16	23:20	0.07	17.34	STIM, OPS	WIRELIN E	WL_LUB_R D	NORMAL	SIDETR ACK 1	RD perforating guns - Confirmed all shots fired.	No		
23:20	23:26	0.1	17.44	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron	No		
23:26	23:36	0.17	17.61	STIM, OPS	TEST	TEST_PRIM E	NORMAL	SIDETR ACK 1	Load frac pumps	No		

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Time Log												
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Phase	Activity	Operation	Ops Category	Wellbore	Com	Problem ?	Prob Ref #	Frac Stage
23:36	23:45	0.15	17.76	STIM, OPS	TEST	TEST_LINE	NORMAL	SIDETR ACK 1	Pressure test frac iron	No		
23:45	01:45	2	19.76	STIM, OPS	FRAC	STIM	NORMAL	SIDETR ACK 1	Stage 60 - Pumped as designed	No		
01:45	01:54	0.15	19.91	STIM, OPS	FRAC	IRON	NORMAL	SIDETR ACK 1	Swing Iron	No		
01:54	02:09	0.25	20.16	STIM, OPS	WIRELIN E	WL_LUB_R U	NORMAL	SIDETR ACK 1	RU perforating guns - Pressure test lubricator to 9000 psi	No		
02:09	02:41	0.53	20.69	STIM, OPS	WIRELIN E	WL_RUNDN	NORMAL	SIDETR ACK 1	RIH w/perforating guns	No		
02:41	02:43	0.03	20.72	STIM, OPS	WIRELIN E	WL_PERF	NORMAL	SIDETR ACK 1	Set Plug @10,169	No		
02:43	03:20	0.62	21.34	STIM, OPS	WIRELIN E	WL_RUNUP	NORMAL	SIDETR ACK 1	POOH w/perforating guns	No		
03:20	03:31	0.18	21.52	STIM, OPS	WIRELIN E	WL_LUB_R D	NORMAL	SIDETR ACK 1	RD perforating guns - Confirmed all shots fired.	No		
03:31	06:00	2.48	24	STIM, OPS	NONOPS	PAD	NORMAL	SIDETR ACK 1	WO offset wells	No		

Recurring Costs																			
Item Des	Gen	Sub	Sub Cat	Day Use Rate (Cost/day)	Other Rate 1 (Cost/week)	Vendor	Note	Ticket	Carry forward?	Ops Category	Qty	Day Charge	Additional Amount (Cost)	Other Rate 1	Field Est (Cost)	Custom Phase Allocation	Custom AFE Allocation	Custom Interval	Note
SUPERVISIO N	016	319	02	353.34		PIONEER NATURAL RESOURCES USA INC	OTHER SUPERVISOR (3 WELL PAD)	NA	Yes	NOR MAL		Yes			353.34		040671		
SUPERVISIO N	016	319	01	1,835.00		PIONEER NATURAL RESOURCES USA INC	WELLSITE CONSULTANTS QTY = (# MEN / # WELLS) EXAMPLE 5 GUYS ON 3 WELL PAD = 5/3. WELLVIEW WILL AUTOMATICAL LY CHANGE FRACTION TO DECIMAL PIONT AND DUE CALCUALTION WHEN YOU HIT RUN CALCS	NA	Yes	NOR MAL	1.66	Yes			3,046.10		040671		
WATER - COMMODITY	016	367	00		1.25	PIONEER WATER MANAGEMENT	PWM PRICE PER BARREL	NA	Yes	NOR MAL		No		10,412.0	13,015.00		040671		Frac Stg 57 / Perf Stg 58
WATER - COMMODITY	016	367	00		1.25	PIONEER WATER MANAGEMENT	PWM PRICE PER BARREL	NA	Yes	NOR MAL		No		10,517.0	13,146.25		040671		Frac Stg 58 / Perf Stg 59
WATER - COMMODITY	016	367	00		1.25	PIONEER WATER MANAGEMENT	PWM PRICE PER BARREL	NA	Yes	NOR MAL		No		10,491.0	13,113.75		040671		Frac Stg 59 / Perf Stg 60
WATER - COMMODITY	016	367	00		1.25	PIONEER WATER MANAGEMENT	PWM PRICE PER BARREL	NA	Yes	NOR MAL		No		10,743.0	13,428.75		040671		Frac Stg 60 / Perf Stg 61

Daily Costs												
Carry forward?	Cost Des	Gen	Sub	Sub Cat	Ops Category	Field Est (Cost)	Vendor	Fld Tkt	Note	Custom Phase Allocation	Custom AFE Allocation	Custom Interval Problem Allocation
Yes	CATERING/ WELLSITE SUBSISTENCE	016	361	00	NORMAL	466.67	TANMAR RENTALS LLC	N/A	2 Living trailers, 1 office trailer / \$1400 Total Avg Daily Cost for Rental, Cleaning, Fueling etc. / Split 3 Wells / \$466.67 per well		040671	

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Daily Costs

Carry forward?	Cost Des	Gen	Sub	Sub Cat	Ops Category	Field Est (Cost)	Vendor	Fld Tkt	Note	Custom Phase Allocation	Custom AFE Allocation	Custom Interval Problem Allocation
Yes	RENTAL: FRAC VALVES	016	312	28	NORMAL	570.00	SUPREME PRODUCTION SERVICES INC	N/A	Daily Cost for Frac Stack		040671	
Yes	RENTAL EQUIPMENT	016	312	00	NORMAL	85.00	DOUBLE T OILFIELD SERVICE LLC	N/A	Well Head Stands		040671	
Yes	RENTAL EQUIPMENT	016	312	00	NORMAL	372.33	ENERGY WASTE	N/A	LP,ML,FL,POJ's daily cost / \$1117 Total Cost / SPlit 3 Wells / \$372.33 per well / \$571 daily Cost for Toe Prep		040671	
Yes	RENTAL: PUMP DOWN PUMP/SERVICES	016	312	32	NORMAL	1,566.66	PNR PUMPING SERVICES LLC	N/A	Pump Down Pumps		040671	
Yes	FUEL (DIESEL/PROPANE/BUTANE)	016	324	00	NORMAL	250.00	PNR PUMPING SERVICES LLC	N/A	Fuel Surcharge for Pump Down		040671	
Yes	RENTAL EQUIPMENT	016	312	00	NORMAL	187.00	PIONEER WELL SERVICES LLC	N/A	Tank Rentals - 7 Frac tanks (\$28), 3-FB Tanks (\$65), 2-Acid Tanks(\$85), \$561 Total, Split 3 Wells, \$187 per well		040671	
Yes	RENTAL: CRANES	016	312	25	NORMAL	1,100.00	LIFT CRANE SERVICE LLC	N/A	Crane Day Charge / \$3300 a day / Split 3 Wells/ \$1100 per well		040671	
Yes	RENTAL: SAFETY/MONITORING/CONTAINMENT	016	312	39	NORMAL	83.33	SAFETY AUTOMATION TECH	N/A	H2S Monitors/ \$250 Total Daily Cost / Split 3 Wells / \$83.33 per well		040671	
Yes	RENTAL: FRAC VALVES	016	312	28	NORMAL	600.00	SUPREME PRODUCTION SERVICES INC	N/A	Valve Operator / \$1800 a day / Split 3 Wells / \$600 per well		040671	
Yes	RENTAL: SAFETY/MONITORING/CONTAINMENT	016	312	39	NORMAL	245.47	SELECT ENERGY SERVICES LLC	N/A	Containment Rental/ \$736.40 Total Daily Cost/ Split 3 Wells/ \$245.47 per well		040671	
Yes	RENTAL EQUIPMENT	016	312	00	NORMAL	80.00	ENVIRO VAT	N/A	Envirovat / \$240 Total Daily Cost/Split 3 Wells/ \$80 per well		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	566.67	BAKER HUGHES	N/A	Plug Hand 1,700.00 Per Day / Split 3 Wells / 566.67 per well		040671	
Yes	WIRELINE SERVICES	016	314	00	NORMAL	2,333.33	PRO OILFIELD SERVICES LLC	N/A	WL Daily Charge/\$7000 Daily Charge/ Split 3 Wells/\$2333.33 per well		040671	
Yes	WELL STIMULATION	016	315	00	NORMAL	77,033.06	PNR PUMPING SERVICES LLC	N/A	Frac Stage 57		040671	
Yes	WELL STIMULATION	016	315	00	NORMAL	78,652.04	PNR PUMPING SERVICES LLC	N/A	Frac Stage 58		040671	
Yes	WELL STIMULATION	016	315	00	NORMAL	79,674.17	PNR PUMPING SERVICES LLC	N/A	Frac Stage 59		040671	
Yes	WELL STIMULATION	016	315	00	NORMAL	80,033.22	PNR PUMPING SERVICES LLC	N/A	Frac Stage 60		040671	
Yes	WIRELINE SERVICES	016	314	00	NORMAL	1,750.00	PRO OILFIELD SERVICES LLC	N/A	Perf Stg 58 / \$1750 per run		040671	

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Daily Costs

Carry forward?	Cost Des	Gen	Sub	Sub Cat	Ops Category	Field Est (Cost)	Vendor	Fld Tkt	Note	Custom Phase Allocation	Custom AFE Allocation	Custom Interval Problem Allocation
Yes	WIRELINE SERVICES	016	314	00	NORMAL	1,750.00	PRO OILFIELD SERVICES LLC	N/A	Perf Stg 59 / \$1750 per run		040671	
Yes	WIRELINE SERVICES	016	314	00	NORMAL	1,750.00	PRO OILFIELD SERVICES LLC	N/A	Perf Stg 60 / \$1750 per run		040671	
Yes	WIRELINE SERVICES	016	314	00	NORMAL	1,750.00	PRO OILFIELD SERVICES LLC	N/A	Perf Stg 61 / \$1750 per run		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	1,000.00	BAKER HUGHES	N/A	Plug Stg 58 / \$1000 per plug		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	1,000.00	BAKER HUGHES	N/A	Plug Stg 59 / \$1000 per plug		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	1,000.00	BAKER HUGHES	N/A	Plug Stg 60 / \$1000 per plug		040671	
Yes	WIRELINE: PLUGS & PLUG HANDS	016	314	10	NORMAL	1,000.00	BAKER HUGHES	N/A	Plug Stg 61 / \$1000 per plug		040671	

Daily Contacts

Job Contact	Tour	Office	Mobile	Alt Mobile #
THOMAS, MICHAEL, COMPLETION ENGINEER		972-969-3972	214-908-8152	
NECAISE, KEVIN, SUPERINTENDENT		432-288-2512		
BROWN, PERRY, FOREMAN	NIGHT		832-690-7101	
FULLER, RONNIE, FOREMAN	NIGHT	432-571-2800	940-613-6146	
STEPHENS, BOBBY, FOREMAN	NIGHT		940-521-6335	
BELCHER, BOB, FOREMAN	Day		940-257-5660	940-257-4658
HATHCOAT, ANDREW, SUPERVISOR	Day		903-439-5529	
TREJO, JEREMIAH, FOREMAN	Day		682-229-0983	

Personnel Log

Carry forward?	Company	Count
Yes	SUPREME PRODUCTION SERVICES INC	4
Yes	PRO OILFIELD SERVICES LLC	6
Yes	PIONEER NATURAL RESOURCES USA INC	6
Yes	PNR PUMPING SERVICES LLC	6

Interval Problems

PAD DOWN, PAD, Reference #1

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	1	2/3/2017 07:45	2/3/2017 09:55	2.17	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			F2 OILFIELD SERVICES LLC		

Comment
Had to fix Several Leaks on Flow Back Iron

MISC. SERVICES, PUMP DOWN PUMP, Reference #2

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	2	2/3/2017 19:30	2/3/2017 23:15	3.75	MISC. SERVICES	PUMP DOWN PUMP	CENTRIFUGAL PUMP
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Cetrifugal on transfer pump not working.respotted acid transport & ran off of frac pump

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Interval Problems

PAD DOWN, PAD, Reference #3

Exclude From Problem Ti... Yes	Reference # 3	Start Date 2/4/2017 18:00	End Date 2/5/2017 10:15	Dur (Net) (hr) 16.25	Problem Type PAD DOWN	Problem Subtype PAD	Problem Description OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore SIDETRACK 1	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party PIONEER NATURAL RESOURCES USA INC		
Comment Wait on 6H Coil OPS							

PAD DOWN, PAD, Reference #4

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	4	2/5/2017 22:10	2/5/2017 22:56	0.77	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		
Comment							
PPS bucket testing LA pumps before starting stage on the 5H							

PAD DOWN, PAD, Reference #5

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	5	2/6/2017 01:38	2/6/2017 02:15	0.62	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		
Comment							
Unplanned rehead before perf run on the 5H							

PAD DOWN, PAD, Reference #6

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	6	2/6/2017 13:29	2/6/2017 16:00	2.52	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		
Comment							
MISRUN on the 5H well/ Last 3 Shots did not fire							

SURFACE CONDITIONS, HSE, Reference #7

Exclude From Problem TI... No	Reference # 7	Start Date 2/7/2017 21:35	End Date 2/7/2017 23:12	Dur (Net) (hr) 1.62	Problem Type SURFACE CONDITIONS	Problem Subtype HSE	Problem Description SAFETY
Failed Item	Estimated Cost (Cost)	Wellbore SIDETRACK 1	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party SAFETY AUTOMATION TECH		
Comment H2S Alarm between 5 & 6H wells							

PAD DOWN, PAD, Reference #8

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	8	2/8/2017 09:05	2/8/2017 10:20	1.25	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			SUPREME PRODUCTION SERVICES INC		
Comment							
NTP due to Supreme having to torque up flange on goat head that's connected to PPS riser. By the time Supreme was finished, WL was already POOH on the 6H so we let them come off and stab on the 5H before starting stage 7 on the 4H. We were behind on WL ops.							

FRAC/STIMULATION EQUIPMENT, MISSILE, Reference #9

Exclude From Problem Title	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	9	2/9/2017 03:20	2/9/2017 03:42	0.37	FRAC/STIMULATION EQUIPMENT	MISSILE	VALVE
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		
Comment							
Bad Flapper Valve on Missile / Change out Flapper Valve							

WIRELINE, E-LINE, Reference #10

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	10	2/9/2017 07:16	2/9/2017 10:51	3.58	WIRELINE	E-LINE	PLUG FAILURE
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		
Comment							
Plug would not set due to tool not showing any current. Pro engineer tried taking out fuse and replacing it but we still did not show current. Came up 150' and pumped tool back down to design depth but had no luck. POOH. Engineer found issue to be wire broke off gun switch on second gun.							

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Interval Problems

FRAC/STIMULATION EQUIPMENT, MISSILE, Reference #11

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	11	2/9/2017 13:35	2/9/2017 14:20	0.75	FRAC/STIMULATION EQUIPMENT	MISSILE	HIGH PRESSURE STRAIGHT JOINT
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Shut down due to leak on 6' joint on missile. Will have to swap out joint.

FRAC/STIMULATION EQUIPMENT, PUMPS, Reference #12

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	12	2/10/2017 07:40	2/10/2017 07:40		FRAC/STIMULATION EQUIPMENT	PUMPS	PACKING
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Lost pumps #11132 & 11021 due to leaking packing.

FRAC/STIMULATION EQUIPMENT, PUMPS, Reference #13

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	13	2/10/2017 07:55	2/10/2017 07:55		FRAC/STIMULATION EQUIPMENT	PUMPS	VALVES/SEATS
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Lost pump #11034 due to bad valves and seats.

FRAC/STIMULATION EQUIPMENT, TREATING IRON, Reference #14

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	14	2/10/2017 16:20	2/10/2017 18:23	2.05	FRAC/STIMULATION EQUIPMENT	TREATING IRON	STRAIGHT JOINT
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
During our brown .50# sand stage, we sprung a leak on a 20' straight joint due to a blown high pressure seal. Shut down immediately but sand and rate washed out a small section of joint. Flushed well bore with pump down (515 bbls). PPS is swapping out joint and will re prime/test before commencing. Clean out blender tub from being sanded off/ Flush out pumps

WIRELINE, E-LINE, Reference #15

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	15	2/10/2017 21:15	2/11/2017 01:12	3.95	WIRELINE	E-LINE	PLUG FAILURE
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		

Comment
Plug did not set, went straight to short, no tension loss. POOH / Found Bad Switch between #1 gun and Plug

PAD DOWN, PAD, Reference #16

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	16	2/12/2017 18:53	2/12/2017 20:06	1.22	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
SD on the 6H Well Due to High PSI Seal Leaking on Riser, Flush Well and Replace Seal

FRAC/STIMULATION EQUIPMENT, PUMPS, Reference #17

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	17	2/13/2017 15:23	2/13/2017 15:55	0.53	FRAC/STIMULATION EQUIPMENT	PUMPS	VALVES/SEATS
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
PPS finishing up changing valves and seats on a couple of pumps.

PAD DOWN, PAD, Reference #18

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	18	2/13/2017 20:08	2/14/2017 00:19	4.18	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PIONEER NATURAL RESOURCES USA INC		

Comment
Wait on Lightning to pass

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Interval Problems

PAD DOWN, PAD, Reference #19

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	19	2/14/2017 00:19	2/14/2017 03:05	2.77	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
CPU in frac Van went down / Wait on E-tech

WELLHEAD, GOATHEAD, Reference #20

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	20	2/15/2017 07:35	2/15/2017 08:01	0.43	WELLHEAD	GOATHEAD	WIRELINE CAP/BULLPLUG
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		

Comment
Pro-wireline unable to take off nightcap.

FRAC/STIMULATION EQUIPMENT, PUMPS, Reference #21

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	21	2/15/2017 19:57	2/15/2017 20:05	0.13	FRAC/STIMULATION EQUIPMENT	PUMPS	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Delay due to leak on bridle assembly on pump #11150

FRAC/STIMULATION EQUIPMENT, PROPPANT HANDLING, Reference #22

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	22	2/15/2017 22:05	2/15/2017 22:10	0.08	FRAC/STIMULATION EQUIPMENT	PROPPANT HANDLING	SAND BELT
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Did not run 20/40 proppant due to sand belt getting sanded off, 91% of design sand pumped.

PAD DOWN, PAD, Reference #23

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	23	2/16/2017 10:56	2/16/2017 11:42	0.77	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
PPS washed out lateral while pumping on the 6H, PPS checking all laterals before restarting stage.

FRAC/STIMULATION EQUIPMENT, PUMPS, Reference #24

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	24	2/16/2017 16:03	2/16/2017 16:30	0.45	FRAC/STIMULATION EQUIPMENT	PUMPS	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
PPS swapping out pump 11157 - replacing sample catcher

WELLHEAD, GOATHEAD, Reference #25

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	25	2/16/2017 17:57	2/16/2017 20:23	2.43	WELLHEAD	GOATHEAD	FLANGES
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			SUPREME PRODUCTION SERVICES INC		

Comment
Had to flush well and shut down after flange that's connected to riser sprung a leak. PPS took off their riser and Supreme replaced ring gasket on flange. Rig riser back up and test lines.

FRAC/STIMULATION EQUIPMENT, TREATING IRON, Reference #26

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	26	2/17/2017 18:40	2/17/2017 19:19	0.65	FRAC/STIMULATION EQUIPMENT	TREATING IRON	CHICKSAN
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Replaced leaking chicksan on main line. Back up frac pump into line and rig up to missile.

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Interval Problems

PAD DOWN, PAD, Reference #27

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	27	2/18/2017 05:41	2/18/2017 07:07	1.43	PAD DOWN	PAD	OFFSET WELL
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		
Comment							
Waiting on WL to change out flow tubes and bottom sheave. (NPT time for 5H/6H							

WIRELINE, WIRELINE UNIT, Reference #28

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	28	2/18/2017 09:40	2/18/2017 12:38	2.97	WIRELINE	WIRELINE UNIT	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		
Comment							
Swapping out WL logger due to engine fan motor failure. (NPT time for 5H/6H 1.45 hrs.)							

FRAC/STIMULATION EQUIPMENT, PROPPANT HANDLING, Reference #29

Exclude From Problem Title	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	29	2/18/2017 16:30	2/18/2017 16:43	0.22	FRAC/STIMULATION EQUIPMENT	PROPPANT HANDLING	SAND BELT
Failed Item	Estimated Cost (Cost)		Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party	
			SIDETRACK 1			PNR PUMPING SERVICES LLC	
Comment							
PPS changing out broken pulley belt on T-belt							

WIRELINE, E-LINE, Reference #30

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	30	2/18/2017 18:40	2/18/2017 21:40	3.00	WIRELINE	E-LINE	GUN FAILURE
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		
Comment							
Mis run on guns 2,3,4,5. Plug and gun 1 were set as design. Bad switch on gun 2. When we shot our first gun the tool string shorted out. Once out of hole switch was reading .200 voltage when it should have been reading .500. During 2nd attempt WL had to come off well because tool would not fall. Added weight bar. 2nd WL run attempt was successful. (NPT time for 5H/6H 2.00 hrs.)							

MISC. SERVICES, PUMP DOWN PUMP, Reference #31

Exclude From Problem Ti... No	Reference # 31	Start Date 2/18/2017 22:49	End Date 2/18/2017 23:22	Dur (Net) (hr) 0.55	Problem Type MISC. SERVICES	Problem Subtype PUMP DOWN PUMP	Problem Description TRANSDUCER
Failed Item	Estimated Cost (Cost)	Wellbore SIDETRACK 1	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party PNR PUMPING SERVICES LLC		
Comment Waited on PPS pump down to change out faulty transducer and start RIH on the 6H well.							

WIRELINE, E-LINE, Reference #32

Exclude From Problem Title	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	32	2/19/2017 16:51	2/19/2017 17:20	0.48	WIRELINE	E-LINE	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		
Comment							
Waiting on WL to re-head/stab on the 5H well.							

FRAC/STIMULATION EQUIPMENT, TREATING IRON, Reference #33

Exclude From Problem Title	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	33	2/19/2017 23:14	2/19/2017 23:26	0.20	FRAC/STIMULATION EQUIPMENT	TREATING IRON	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		
Comment							
Had to flush well/shut down due to leaking 90 on pump #11160. PPS was not able to isolate pump. Capped off pump.							

WIRELINE, E-LINE, Reference #34

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	34	2/20/2017 04:21	2/20/2017 04:44	0.38	WIRELINE	E-LINE	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		
Comment							
Waiting on WL to re-head/stab on the 5H well.							

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Interval Problems

FRAC/STIMULATION EQUIPMENT, BLENDER, Reference #35

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	35	2/20/2017 22:06	2/20/2017 23:25	1.32	FRAC/STIMULATION EQUIPMENT	BLENDER	TUB
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Welded pin hole leak that was getting worse on blender tub. (Blender #12025)

FRAC/STIMULATION EQUIPMENT, TREATING IRON, Reference #36

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	36	2/20/2017 23:30	2/20/2017 23:42	0.20	FRAC/STIMULATION EQUIPMENT	TREATING IRON	SEALS
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Changed out leaking high pressure seal on chickens. Pump#11161

FRAC/STIMULATION EQUIPMENT, MISSILE, Reference #37

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	37	2/21/2017 05:18	2/21/2017 05:34	0.27	FRAC/STIMULATION EQUIPMENT	MISSILE	LOW PRESSURE LINE
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
PPS repairing low pressure leak on missile.

WIRELINE, E-LINE, Reference #38

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	38	2/21/2017 22:17	2/21/2017 22:28	0.18	WIRELINE	E-LINE	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PRO OILFIELD SERVICES LLC		

Comment
Waiting on WL to finish re-heading and stab on the 6H.

WELLHEAD, SAFETY STAND, Reference #39

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	39	2/23/2017 01:41	2/23/2017 23:12	21.52	WELLHEAD	SAFETY STAND	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
Safety stand down due to over pressure on stack. Change out Frac stack.

FRAC/STIMULATION EQUIPMENT, DATA VAN, Reference #40

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	40	2/24/2017 20:12	2/24/2017 20:40	0.47	FRAC/STIMULATION EQUIPMENT	DATA VAN	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
PM Data Van

FRAC/STIMULATION EQUIPMENT, PUMPS, Reference #41

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	41	2/25/2017 17:35	2/25/2017 17:55	0.33	FRAC/STIMULATION EQUIPMENT	PUMPS	LOGISTICS
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
PPS swapping out pumps

FRAC/STIMULATION EQUIPMENT, PUMPS, Reference #42

Exclude From Problem Ti...	Reference #	Start Date	End Date	Dur (Net) (hr)	Problem Type	Problem Subtype	Problem Description
No	42	2/25/2017 18:26	2/25/2017 18:47	0.35	FRAC/STIMULATION EQUIPMENT	PUMPS	OTHER
Failed Item	Estimated Cost (Cost)	Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Accountable Party		
		SIDETRACK 1			PNR PUMPING SERVICES LLC		

Comment
11139 - Packing - 11102 -Replacing high pressure seal

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Job Contacts

Contact Name	Title	Office	Mobile	Alt Mobile #	Email
TORRES, GERRY	VICE PRESIDENT	972-969-3937	972-302-2587		GERARDO.TORRES@PXD.COM
GIGUERE, BREANNE	AREA TEAM LEAD	972-969-5792	214-263-5143		BREANNE.GIGUERE@PXD.COM
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STEPHENS, BOBBY	FOREMAN		940-521-6335		BOBBY.STEPHENS@PXD.COM

Stimulations Summary

Type	Stim/Treat Company	Diversion Method	Start Date	End Date	Job	Design Int #	Actual Int #	Int #
FRAC	PIONEER PUMPING SERVICES	COMPOSITE PLUG	2/6/2017 02:18		OCM, 2/1/2017 20:00	66		60

Job Fluids Summary

Fluid	To well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED	0.0	2,239.0	-2,239.0
WELL FLUID	654,683.0	0.0	654,683.0

Job Supplies

Vendor	Supply Item Description	Type	Unit Label
SUN COAST RESOURCES INC	DIESEL	DYED	GAL

Job Supply Amounts

DYED					
Date	Received	Consumed	Cum Received	Cum Consumed	Note
2/25/2017	2,168	2,168	125,885.33	125,885.33	Stage 53
DYED					
Date	Received	Consumed	Cum Received	Cum Consumed	Note
2/25/2017	2,172	2,172	128,057.33	128,057.33	Stage 54
DYED					
Date	Received	Consumed	Cum Received	Cum Consumed	Note
2/25/2017	2,231	2,231	130,288.33	130,288.33	Stage 55
DYED					
Date	Received	Consumed	Cum Received	Cum Consumed	Note
2/25/2017	174	174	130,462.33	130,462.33	Fuel for office trailer & housing
DYED					
Date	Received	Consumed	Cum Received	Cum Consumed	Note
2/25/2017	2,251	2,251	132,713.33	132,713.33	Stage 56
DYED					
Date	Received	Consumed	Cum Received	Cum Consumed	Note
2/25/2017	2,169	2,169	134,882.33	134,882.33	Stage 57

Well Name: UNIVERSITY 3-310PU 4H

Job Type: OCM

Well Fluids				
Fluid	To (bbl)	From (bbl)	Purpose	Note
WELL FLUID	10,412.0			Frac Stg 57 / Perf Stg 58
WELL FLUID	10,517.0			Frac Stg 58 / Perf Stg 59
WELL FLUID	10,491.0			Frac Stg 59 / Perf Stg 60
WELL FLUID	10,473.0			Frac Stg 60 / Perf Stg 61
WELL FLUID				Frac Stg 61 / Perf Stg 62

Equipment Pressure Tests

Test Type CASING	Test Subtype STANDARD	Date 2/3/2017 13:10	Item Tested PRODUCTION, 19,292.0ftKB	Job OCM, 2/1/2017 20:00	Well Pressure Used? No
Operator	Test Fluid Type	Failed? No	Volume Pumped (bbl) 10.0	Volume Lost (bbl)	Fluid Density (°API)
Comment					

Test Type CASING	Test Subtype TOE SLEEVE	Date 2/3/2017 13:20	Item Tested PRODUCTION, 19,292.0ftKB	Job OCM, 2/1/2017 20:00	Well Pressure Used? No
Operator	Test Fluid Type	Failed? No	Volume Pumped (bbl) 5.0	Volume Lost (bbl)	Fluid Density (°API)
Comment					

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/27/2017

26

040671

\$8,796,761.00

\$7,139,521.87

\$453,305.32

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020002

42-461-40446-0000

949805-004

SPRABERRY (TREND AREA)

WOLFCAMP B3 (WFMP B3)

11/10/2016

19,320.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCM

2/1/2017

AFE APPROVED

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/2/2017

MILESTONE

READY TO START (RTS)

3/2/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

17:45

MEETING

PRE-TOUR

NIGHT

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

NECAISE, KEVIN

SUPERINTENDE NT

BROWN, PERRY

FOREMAN

NIGHT

832-690-7101

FULLER, RONNIE

FOREMAN

NIGHT

940-613-6146

STEPHENS, BOBBY

FOREMAN

NIGHT

940-521-6335

BELCHER, BOB

FOREMAN

Day

940-257-5660

940-257-4658

HATHCOAT, ANDREW

SUPERVISOR

Day

903-439-5529

TREJO, JEREMIAH

FOREMAN

Day

682-229-0983

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

WL stage 66

STAGES PER DAY

4.0

Operations Summary

FRAC STG - 61,62,63,64,65

P/P STG - 62,63,64,65

NPT =

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

08:22

2.37

STIM, OPS

FRAC

STIM

Stim Stg 61

NORMAL

61

08:22

08:28

0.1

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

08:28

08:40

0.2

STIM, OPS

WIRELINE

WL_LUB_RU

RU perforating guns - Pressure test lubricator to 9000 psi

NORMAL

08:40

09:10

0.5

STIM, OPS

WIRELINE

WL_RUNDN

RIH w/perforating guns

NORMAL

09:10

09:15

0.08

STIM, OPS

WIRELINE

WL_PERF

P/P Stg 62

NORMAL

09:15

09:37

0.37

STIM, OPS

WIRELINE

WL_RUNUP

POOH w/perforating guns

NORMAL

09:37

11:34

1.95

STIM, OPS

NONOPS

PAD

WO offset wells

NORMAL

11:34

11:44

0.17

STIM, OPS

WIRELINE

WL_LUB_RD

RD perforating guns - Confirmed all shots fired.

NORMAL

11:44

11:47

0.05

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

11:47

12:01

0.23

STIM, OPS

TEST

TEST_PRIME

Load frac pumps

NORMAL

12:01

12:11

0.17

STIM, OPS

TEST

TEST_LINE

Pressure test frac iron

NORMAL

12:11

14:13

2.03

STIM, OPS

FRAC

STIM

Stim Stg 62

NORMAL

62

14:13

14:26

0.22

STIM, OPS

WIRELINE

WL_LUB_RU

RU perforating guns - Pressure test lubricator to 9000 psi

NORMAL

14:26

14:55

0.48

STIM, OPS

WIRELINE

WL_RUNDN

RIH w/perforating guns

NORMAL

14:55

15:00

0.08

STIM, OPS

WIRELINE

WL_PERF

P/P Stg 63

NORMAL

15:00

15:18

0.3

STIM, OPS

WIRELINE

WL_RUNUP

POOH w/perforating guns

NORMAL

15:18

15:25

0.13

STIM, OPS

WIRELINE

WL_LUB_RD

RD perforating guns - Confirmed all shots fired.

NORMAL

Time Log											
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage	
15:25	16:34	1.15	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL				
16:34	16:42	0.13	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL				
16:42	16:53	0.18	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL				
16:53	16:58	0.08	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron	NORMAL				
16:58	19:15	2.28	STIM, OPS	FRAC	STIM	Stim Stg 63	NORMAL	43	0.25	63	
19:15	19:24	0.15	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL				
19:24	19:37	0.22	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL				
19:37	20:06	0.48	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/perforating guns	NORMAL				
20:06	20:07	0.03	STIM, OPS	WIRELINE	WL_PERF	Set Plug @ 9,719	NORMAL				
20:07	20:33	0.42	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns	NORMAL				
20:33	21:43	1.17	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL				
21:43	21:50	0.12	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired.	NORMAL				
21:50	22:00	0.17	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL				
22:00	22:08	0.13	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron	NORMAL				
22:08	00:10	2.03	STIM, OPS	FRAC	STIM	Stage 64 - Pumped as designed	NORMAL				
00:10	00:19	0.15	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL				
00:19	00:30	0.18	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL				
00:30	01:01	0.52	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/perforating guns	NORMAL				
01:01	01:03	0.03	STIM, OPS	WIRELINE	WL_PERF	Set Plug @ 9,719	NORMAL				
01:03	01:28	0.42	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns	NORMAL				
01:28	01:36	0.13	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired.	NORMAL				
01:36	02:46	1.17	STIM, OPS	NONOPS	PAD	WO offset wells	NORMAL				
02:46	02:55	0.15	STIM, OPS	TEST	TEST_PRIME	Load frac pumps	NORMAL				
02:55	03:10	0.25	STIM, OPS	TEST	TEST_LINE	Pressure test frac iron	NORMAL				
03:10	05:08	1.97	STIM, OPS	FRAC	STIM	Stage 65 - Pumped as designed	NORMAL				
05:08	05:18	0.17	STIM, OPS	FRAC	IRON	Swing Iron	NORMAL				
05:18	05:30	0.2	STIM, OPS	WIRELINE	WL_LUB_RU	RU perforating guns - Pressure test lubricator to 9000 psi	NORMAL				
05:30	06:00	0.5	STIM, OPS	WIRELINE	WL_RUNDN	RIH w/perforating guns	NORMAL				
Fluid Summary											
Fluid			Cum to Well (bbl)			To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)		
DISPOSED							2,239.0		-2,239.0		
WELL FLUID			707,485.0			52,802.0			707,485.0		
Interval Problems											
FRAC/STIMULATION EQUIPMENT, PROPPANT HANDLING, COMPUTER/HARDWARE, 2/26/2017 17:15											
Ref #	End Date	Dur (Net) (hr)	Excl... No	Accountable Party			Est Cost (Cost)	Comment			
43	2/26/2017 17:30	0.25	No	PNR PUMPING SERVICES LLC				PPS resetting software in sand cab			
Rigs											
Contractor					Rig #		Start Date		RR Date		Rig Type
PRO OILFIELD SERVICES					1		2/2/2017 12:00				WIRELINE
PIONEER PUMPING SERVICES					BULLPEN		2/2/2017 14:00				PUMPDOWN
PIONEER PUMPING SERVICES					3		2/3/2017 09:00				FRAC FLEET
DIESEL, DYED											
Total Received 134,882.33					Total Consumed 134,882.33				Total Returned 0.0		
Perforations											
Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #	
65	No	CONVENTIONAL PERF	9,432.0	9,434.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5	

Job:	OCM
Report Date:	2/27/2017
Report #:	26
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$7,139,521.87
Daily Field Estimate:	\$453,305.32

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM
Report Date: 2/27/2017
Report #: 26
AFE #: 040671
Total AFE + Sup: \$8,796,761.00
Cum Field Estimate: \$7,139,521.87
Daily Field Estimate: \$453,305.32

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Frac Stage 65 on 2/27/2017 03:08

Proposed? No	Type HYDRAULIC FRACTURE	Date 2/27/2017	String (Deployment Method) PRODUCTION, 19,292.0ftKB			Top Depth (ftKB) 9,432.0	Bottom Depth (ftKB) 9,554.0
Post Job Frac Gradient (...) 0.85	Pump Power Max (hp)	Proppant Designed (lb) 384,500.0	Proppant In Formation (lb) 381,352.0	Proppant In Wellbore (lb)	Proppant Total (lb) 381,352.0	Clean Volume Design (b...	Total Clean Volume (bbl) 10,380.00
Open Wellhead (psi) 2,864.0	End of Job ISIP (psi) 3,803.0	Close Wellhead (psi) 3,393.0	Breakdown Pressure (psi) 4,485.0	Max Treating Pressure (...) 7,525.0	Avg Treating Pressure (...) 6,988.0	Max Slurry Rate (bbl/min) 101.2	Avg Slurry Rate (bbl/min) 100.4
Comment							

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/27/2017 03:10	2/27/2017 03:13	24.00	24.00				
PAD	2/27/2017 03:13	2/27/2017 03:34	1,429.00	1,453.00				
SLURRY	2/27/2017 03:34	2/27/2017 03:39	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	6,175.0	6,175.0
SLURRY	2/27/2017 03:39	2/27/2017 03:46	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	14,091.0	20,266.0
SLURRY	2/27/2017 03:46	2/27/2017 03:54	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,458.0	44,724.0
SLURRY	2/27/2017 03:54	2/27/2017 04:01	714.00	4,262.00	BROWN SAND, 40/70	0.50	14,949.0	59,673.0
SLURRY	2/27/2017 04:01	2/27/2017 04:09	714.00	4,976.00	BROWN SAND, 40/70	0.75	23,533.0	83,206.0
SLURRY	2/27/2017 04:09	2/27/2017 04:15	595.00	5,571.00	BROWN SAND, 40/70	1.00	24,811.0	108,017.0
SLURRY	2/27/2017 04:15	2/27/2017 04:20	595.00	6,166.00	BROWN SAND, 40/70	1.50	38,423.0	146,440.0
SLURRY	2/27/2017 04:20	2/27/2017 04:26	476.00	6,642.00	BROWN SAND, 40/70	1.75	34,024.0	180,464.0
SLURRY	2/27/2017 04:26	2/27/2017 04:36	952.00	7,594.00	BROWN SAND, 30/50	0.50	21,650.0	202,114.0
SLURRY	2/27/2017 04:36	2/27/2017 04:44	738.00	8,332.00	BROWN SAND, 30/50	1.00	30,174.0	232,288.0
SLURRY	2/27/2017 04:44	2/27/2017 04:50	595.00	8,927.00	BROWN SAND, 30/50	1.50	36,871.0	269,159.0
SLURRY	2/27/2017 04:50	2/27/2017 04:55	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,740.0	308,899.0
SLURRY	2/27/2017 04:55	2/27/2017 04:59	286.00	9,689.00	BROWN SAND, 30/50	3.00	35,467.0	344,366.0
SLURRY	2/27/2017 04:59	2/27/2017 05:03	379.00	10,068.00	BROWN SAND, 20/40	3.00	36,986.0	381,352.0
FLUSH	2/27/2017 05:03	2/27/2017 05:08	312.00	10,380.00				381,352.0
PUMP DOWN	2/27/2017 06:00	2/27/2017 06:02	0.00	10,380.00				381,352.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/26/2017 09:10	4.38	10,019.0	10,021.0			
No	Yes	FRAC PLUG	2/26/2017 14:55	4.38	9,862.0	9,864.0			
No	Yes	FRAC PLUG	2/26/2017 20:08	4.38	9,719.0	9,721.0			
No	Yes	FRAC PLUG	2/27/2017 01:01	4.38	9,569.0	9,571.0			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/28/2017

27

040671

\$8,796,761.00

\$7,235,490.77

\$96,006.40

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

MILESTONE

Subtype

TURN OVER TO PRODUCTION

Note

Date

2/5/2017

Type

MILESTONE

Subtype

READY TO START (RTS)

Note

Date

3/2/2017

Type

PLAN

Subtype

STIMULATION END

Note

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

17:45

MEETING

PRE-TOUR

NIGHT

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

NECAISE, KEVIN

SUPERINTENDE NT

BROWN, PERRY

FOREMAN

NIGHT

832-690-7101

FULLER, RONNIE

FOREMAN

NIGHT

940-613-6146

STEPHENS, BOBBY

FOREMAN

NIGHT

940-521-6335

BELCHER, BOB

FOREMAN

Day

940-257-5660

940-257-4658

HATHCOAT, ANDREW

SUPERVISOR

Day

903-439-5529

TREJO, JEREMIAH

FOREMAN

Day

682-229-0983

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Microseismic monitoring offset wells

Daily Goal Description

STAGES PER DAY

Daily Goal - Last 24

1.0

Operations Summary

FRAC STG - 66

P/P STG - 66

Set Cap Plug 8,890' & 8,860

Well Complete

ND Frac stack - MIRU Microseismic to monitor offset wells

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

06:04

0.08

STIM, OPS

WIRELINE

WL_PERF

P/P Stg 66

NORMAL

06:04

06:22

0.29

STIM, OPS

WIRELINE

WL_RUNUP

POOH w/perforating guns

NORMAL

06:22

07:53

1.52

STIM, OPS

NONOPS

PAD

WO offset wells

NORMAL

07:53

08:02

0.15

STIM, OPS

WIRELINE

WL_LUB_RD

RD perforating guns - Confirmed all shots fired.

NORMAL

08:02

08:04

0.03

STIM, OPS

FRAC

IRON

Swing Iron

NORMAL

08:04

12:34

4.5

STIM, OPS

TEST

TEST_PRIME

Load frac pumps

NORMAL

44

4.00

12:34

12:38

0.07

STIM, OPS

TEST

TEST_LINE

Pressure test frac iron

NORMAL

12:38

14:41

2.05

STIM, OPS

FRAC

STIM

Stim Stg 66

NORMAL

14:41

14:55

0.23

STIM, OPS

WIRELINE

WL_LUB_RU

RU perforating guns - Pressure test lubricator to 9000 psi

NORMAL

14:55

15:54

0.98

STIM, OPS

WIRELINE

WL_RUNDN

RIH w/perforating guns

NORMAL

15:54

15:55

0.02

STIM, OPS

WIRELINE

WL_PERF

Set Cap Plug @ 8860' Neg Test Good

NORMAL

15:55

16:15

0.33

STIM, OPS

WIRELINE

WL_RUNUP

POOH w/perforating guns

NORMAL

16:15

16:19

0.08

STIM, OPS

WIRELINE

WL_LUB_RD

RD perforating guns - Confirmed all shots fired.

NORMAL

16:19

16:37

0.3

STIM, OPS

WIRELINE

WL_LUB_RU

RU perforating guns - Pressure test lubricator to 9000 psi

NORMAL

16:37

17:01

0.4

STIM, OPS

WIRELINE

WL_RUNDN

RIH w/perforating guns

NORMAL

17:01

17:03

0.02

STIM, OPS

WIRELINE

WL_PERF

Set Cap Plug @ 8890'

NORMAL

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/28/2017

27

040671

\$8,796,761.00

\$7,235,490.77

\$96,006.40

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
17:03	17:22	0.32	STIM, OPS	WIRELINE	WL_RUNUP	POOH w/perforating guns	NORMAL			
17:22	17:31	0.15	STIM, OPS	WIRELINE	WL_LUB_RD	RD perforating guns - Confirmed all shots fired.	NORMAL			
17:31	06:00	12.48	STIM, OPS	WIRELINE	WL_SEISMIC	MIRU Microseismic - ND frac stack. Microseismic monitoring offset wells.	NORMAL			

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED			2,239.0		-2,239.0
WELL FLUID	717,956.0	10,471.0			717,956.0

Interval Problems

FRAC/STIMULATION EQUIPMENT, BLENDER, ENGINE, 2/27/2017 08:34

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
44	2/27/2017 12:34	4.00	No	PNR PUMPING SERVICES LLC		Issues with the batteries on the blender and cracked oil filter housing on the hydration unit.

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELINE
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
154,601.33	154,601.33	0.0

Job Supply Amounts

Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
2/27/2017 23:18	DIESEL	DYED	25	25		134,907.33	134,907.33	0.0
2/27/2017 23:18	DIESEL	DYED	2,051	2,051		136,958.33	136,958.33	0.0
2/27/2017 23:19	DIESEL	DYED	2,118	2,118		139,076.33	139,076.33	0.0
2/27/2017 23:19	DIESEL	DYED	2,262	2,262		141,338.33	141,338.33	0.0
2/27/2017 23:19	DIESEL	DYED	2,278	2,278		143,616.33	143,616.33	0.0
2/27/2017 23:19	DIESEL	DYED	2,565	2,565		146,181.33	146,181.33	0.0
2/27/2017 23:19	DIESEL	DYED	2,009	2,009		148,190.33	148,190.33	0.0
2/27/2017 23:19	DIESEL	DYED	2,072	2,072		150,262.33	150,262.33	0.0
2/27/2017 23:19	DIESEL	DYED	2,173	2,173		152,435.33	152,435.33	0.0
2/27/2017 23:19	DIESEL	DYED	2,166	2,166		154,601.33	154,601.33	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
66	No	CONVENTIONAL PERF	9,282.0	9,284.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		5
66	No	CONVENTIONAL PERF	9,312.0	9,314.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		4
66	No	CONVENTIONAL PERF	9,342.0	9,344.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		3
66	No	CONVENTIONAL PERF	9,372.0	9,374.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		2
66	No	CONVENTIONAL PERF	9,402.0	9,404.0	2.0	4.0	8	PRODUCTION, 19,292.0ftKB		1

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG	2/6/2017 02:18		OCM, 2/1/2017 20:00

Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)
66	66	717,897.00	25,355,866.0

Stimulation Intervals

Frac Stage 66 on 2/27/2017 12:38

Proposed?	Type	Date	String (Deployment Method)	Top Depth (ftKB)	Bottom Depth (ftKB)
No	HYDRAULIC FRACTURE	2/27/2017	PRODUCTION, 19,292.0ftKB	9,282.0	9,404.0

Post Job Frac Gradient (...)	Pump Power Max (hp)	Proppant Designed (lb)	Proppant In Formation (lb)	Proppant In Wellbore (lb)	Proppant Total (lb)	Clean Volume Design (bbl)	Total Clean Volume (bbl)
0.84		384,500.0	387,002.0		387,022.0	10,523.00	10,445.00

Open Wellhead (psi)	End of Job ISIP (psi)	Close Wellhead (psi)	Breakdown Pressure (psi)	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min)	Avg Slurry Rate (bbl/min)
2,780.0	3,604.0	3,476.0	4,663.0	8,310.0	6,830.0	100.4	100.1

Comment

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
ACID	2/27/2017 12:38	2/27/2017 12:46	24.00	24.00				
PAD	2/27/2017 12:46	2/27/2017 13:06	1,429.00	1,453.00				
SLURRY	2/27/2017 13:06	2/27/2017 13:12	595.00	2,048.00	BROWN SAND, 100 MESH	0.25	4,827.0	4,827.0
SLURRY	2/27/2017 13:12	2/27/2017 13:19	714.00	2,762.00	BROWN SAND, 100 MESH	0.50	15,341.0	20,168.0
SLURRY	2/27/2017 13:19	2/27/2017 13:27	786.00	3,548.00	BROWN SAND, 100 MESH	0.75	24,396.0	44,564.0
SLURRY	2/27/2017 13:27	2/27/2017 13:35	714.00	4,262.00	BROWN SAND, 40/70	0.50	15,855.0	60,419.0
SLURRY	2/27/2017 13:35	2/27/2017 13:42	714.00	4,976.00	BROWN SAND, 40/70	0.75	21,611.0	82,030.0
SLURRY	2/27/2017 13:42	2/27/2017 13:49	595.00	5,571.00	BROWN SAND, 40/70	1.00	23,711.0	105,741.0
SLURRY	2/27/2017 13:49	2/27/2017 13:55	595.00	6,166.00	BROWN SAND, 40/70	1.50	37,617.0	143,358.0
SLURRY	2/27/2017 13:55	2/27/2017 14:00	476.00	6,642.00	BROWN SAND, 40/70	1.75	35,513.0	178,871.0
SLURRY	2/27/2017 14:00	2/27/2017 14:09	952.00	7,594.00	BROWN SAND, 30/50	0.50	20,873.0	199,744.0

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

2/28/2017

27

040671

\$8,796,761.00

\$7,235,490.77

\$96,006.40

Pumping Summary

Stage Type	Start Date	End Date	Total Clean Volume (bbl)	Cum Total Clean Vol (bbl)	Link to Proppant	Surf Proppant Conc End (lb/gal)	Proppant Mass (lb)	Cum Proppant Mass (lb)
SLURRY	2/27/2017 14:09	2/27/2017 14:17	738.00	8,332.00	BROWN SAND, 30/50	1.00	30,236.0	229,980.0
SLURRY	2/27/2017 14:17	2/27/2017 14:24	595.00	8,927.00	BROWN SAND, 30/50	1.50	37,368.0	267,348.0
SLURRY	2/27/2017 14:24	2/27/2017 14:29	476.00	9,403.00	BROWN SAND, 30/50	2.00	39,809.0	307,157.0
SLURRY	2/27/2017 14:29	2/27/2017 14:37	298.00	9,701.00	BROWN SAND, 30/50	3.00	35,255.0	342,412.0
SLURRY	2/27/2017 14:37	2/27/2017 14:38	440.00	10,141.00	BROWN SAND, 20/40	3.00	44,610.0	387,022.0
FLUSH	2/27/2017 14:38	2/27/2017 14:41	304.00	10,445.00				387,022.0

Proppants

Type	Des	Sand Size
BROWN SAND	BULK SAND	100 MESH
BROWN SAND	BULK SAND	30/50
BROWN SAND	BULK SAND	40/70
BROWN SAND	BULK SAND	20/40

Other In Hole

Prop Run?	Prop Pull?	Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)	Com
No	Yes	FRAC PLUG	2/27/2017 06:01	4.38	9,419.0	9,421.0			

**UNIVERSITY 3-310PU 4H**

Job:	OCM
Report Date:	3/1/2017
Report #:	28
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$7,245,173.77
Daily Field Estimate:	\$9,683.00

FRAC FLEET / CREW #	
Contractor	Rig #
PIONEER PUMPING SERVICES	3

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0

Job Category ORIG COMPLETION	Primary Job Type OCM	Start Date 2/1/2017	End Date	Job Status AFE APPROVED	Responsible Grp 2 STIM ENG - MICHAEL THOMAS
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Job Dates	Job Title	Job Description	Job Location	Job Status
01/01/2020 - 01/01/2021	Software Engineer	Developed and maintained web applications using Java, Spring, and JavaScript.	San Francisco, CA	Full-time
01/01/2021 - 01/01/2022	Senior Software Engineer	Lead developer for a new product line, managing a team of junior engineers.	San Francisco, CA	Full-time
01/01/2022 - 01/01/2023	Product Manager	Managed the product lifecycle for a new software product, from concept to launch.	San Francisco, CA	Full-time
01/01/2023 - 01/01/2024	Product Manager	Managed the product lifecycle for a new software product, from concept to launch.	San Francisco, CA	Full-time

Date	Type MILESTONE	Subtype TURN OVER TO PRODUCTION	Note
Date 2/5/2017	Type MILESTONE	Subtype READY TO START (RTS)	Note
Date 2/27/2017	Type PLAN	Subtype STIMULATION END	Note

Safety Checks

Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and job duties.

Daily Contacts on Location	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL	COMPLETION ENGINEER		214-908-8152		
NECAISE, KEVIN	SUPERINTENDE NT				
BROWN, PERRY	FOREMAN	NIGHT	832-690-7101		
FULLER, RONNIE	FOREMAN	NIGHT	940-613-6146		
STEPHENS, BOBBY	FOREMAN	NIGHT	940-521-6335		
BELCHER, BOB	FOREMAN	Day	940-257-5660	940-257-4658	
HATHCOAT, ANDREW	SUPERVISOR	Day	903-439-5529		
TREJO, JEREMIAH	FOREMAN	Day	682-229-0983		

Personnel Log

Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
Microseismic monitoring offset wells		
Operations Summary		
Microseismic monitoring offset wells		
Operations Next Report Period		
Stim Ops		
Remarks		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	06:00	24	STIM, OPS	WIRELIN	WL_SEISMIC	Microseismic Monitoring 5H & 6H	NORMAL			

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED			2,239.0		-2,239.0
WELL FLUID	717,956.0				717,956.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>
<p> <input type="checkbox"/> Problem Type? <input type="checkbox"/> Problem Subtype? <input type="checkbox"/> Problem Description? <input type="checkbox"/> Start Date? </p>

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
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Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELIN
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
154,601.33	154,601.33	0.0

Stimulations Summary

Stim/Treat Company PIONEER PUMPING SERVICES	Diversion Company	Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date	Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 66	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 717,897.00	Proppant Total (lb) 25,355,866.0		

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/2/2017

29

040671

\$8,796,761.00

\$7,248,244.68

\$5,404.24

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

2/27/2017

MILESTONE

READY TO START (RTS)

2/27/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

17:45

MEETING

PRE-TOUR

NIGHT

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

NECAISE, KEVIN

SUPERINTENDE

BROWN, PERRY

FOREMAN

NIGHT

832-690-7101

FULLER, RONNIE

FOREMAN

NIGHT

940-613-6146

STEPHENS, BOBBY

FOREMAN

NIGHT

940-521-6335

BELCHER, BOB

FOREMAN

Day

940-257-5660

940-257-4658

HATHCOAT, ANDREW

SUPERVISOR

Day

903-439-5529

TREJO, JEREMIAH

FOREMAN

Day

682-229-0983

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

Microseismic monitoring offset wells

Operations Summary

Microseismic monitoring offset wells

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:0

06:0

24

STIM, OPS

WIRELINE

WL_SEISMIC

Microseismic Monitoring 5H & 6H

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED WELL FLUID

717,956.0

2,239.0

-2,239.0

717,956.0

717,956.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

3

2/3/2017 09:00

FRAC FLEET

DIESEL, DYED

Total Received

Total Consumed

Total Returned

154,601.33

154,601.33

0.0

Stimulations Summary

Stim/Treat Company

Diversion Company

Diversion Method

Start Date

End Date

Job

PIONEER PUMPING SERVICES

COMPOSITE PLUG

2/6/2017 02:18

OCM, 2/1/2017 20:00

Number of Treatment Intervals

Design Number of Treatment Intervals

Volume Clean Total (bbl)

Proppant Total (lb)

66

66

717,897.00

25,355,866.0

**UNIVERSITY 3-310PU 4H**

Job:	OCM
Report Date:	3/3/2017
Report #:	30
AFE #:	040671
Total AFE + Sup:	\$8,796,761.00
Cum Field Estimate:	\$7,253,648.92
Daily Field Estimate:	\$5,404.24

FRAC FLEET / CREW #	
Contractor	Rig #
PIONEER PUMPING SERVICES	3

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0

Job Category ORIG COMPLETION	Primary Job Type OCM	Start Date 2/1/2017	End Date	Job Status AFE APPROVED	Responsible Grp 2 STIM ENG - MICHAEL THOMAS
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Job Dates					

Date	Type MILESTONE	Subtype TURN OVER TO PRODUCTION	Note
Date 2/5/2017	Type MILESTONE	Subtype READY TO START (RTS)	Note
Date 2/27/2017	Type PLAN	Subtype STIMULATION END	Note

Safety Checks	
---------------	--

Time	Type	Des	Tour	Com
06:01	MEETING	PRE-TOUR	DAY	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and safety issues.
17:45	MEETING	PRE-TOUR	NIGHT	Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness and safety issues.

Daily Contacts on Location	
1	1
2	2
3	3
4	4
5	5
6	6
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96	96
97	97
98	98
99	99
100	100

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
THOMAS, MICHAEL	COMPLETION ENGINEER		214-908-8152		
NECAISE, KEVIN	SUPERINTENDE				
BROWN, PERRY	FOREMAN	NIGHT	832-690-7101		
FULLER, RONNIE	FOREMAN	NIGHT	940-613-6146		
STEPHENS, BOBBY	FOREMAN	NIGHT	940-521-6335		
BELCHER, BOB	FOREMAN	Day	940-257-5660	940-257-4658	
HATHCOAT, ANDREW	SUPERVISOR	Day	903-439-5529		
TREJO, JEREMIAH	FOREMAN	Day	682-229-0983		

Personnel Log	
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Company	Count
SUPREME PRODUCTION SERVICES INC	4
PRO OILFIELD SERVICES LLC	6
PIONEER NATURAL RESOURCES USA INC	6
PNR PUMPING SERVICES LLC	6

Daily Operations	
------------------	--

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
Microseismic monitoring offset wells		

Operations Summary			
Microseismic monitoring offset wells			

Operations Next Report Period
Stim Ops

Remarks

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	06:00	24	STIM, OPS	WIRELINE	WL_SEISMIC	Microseismic Monitoring 5H & 6H	NORMAL			

Fluid Summary									
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Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED WELL FLUID	717,956.0		2,239.0		-2,239.0 717,956.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>						
Ref.#	End Date	Dur.(Net) (hrs)	Eval.	Accountable Party	Est.Cost.(Cost)	Comment

Ref #	End Date	Dur (net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
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Rigs				
Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00		WIRELIN
PIONEER PUMPING SERVICES	3	2/3/2017 09:00		FRAC FLEET

DIESEL, DYED

Total Received	Total Consumed	Total Returned
154,601.33	154,601.33	0.0

Stimulations Summary		
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Stim/Treat Company PIONEER PUMPING SERVICES	Diversion Company	Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date	Job OCM, 2/1/2017 20:00
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Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)
66	66	717,897.00	25,355,866.0

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/4/2017

31

040671

\$8,796,761.00

\$7,345,576.16

\$91,927.24

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

2/5/2017

Type

MILESTONE

Subtype

TURN OVER TO PRODUCTION

Note

Date

2/27/2017

Type

MILESTONE

Subtype

READY TO START (RTS)

Note

Date

2/27/2017

Type

PLAN

Subtype

STIMULATION END

Note

Safety Checks

Time

06:01

Type

MEETING

Des

PRE-TOUR

Tour

DAY

Com

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

Time

17:45

Type

MEETING

Des

PRE-TOUR

Tour

NIGHT

Com

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

Time

17:45

Type

MEETING

Des

PRE-TOUR

Tour

NIGHT

Com

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

Daily Contacts on Location

Contact Name

THOMAS, MICHAEL

Title

COMPLETION ENGINEER

Tour

Mobile

214-908-8152

Alt Mobile #

Note

Contact Name

NECAISE, KEVIN

Title

SUPERINTENDE

Tour

Mobile

Alt Mobile #

Note

Contact Name

BROWN, PERRY

Title

FOREMAN

Tour

NIGHT

Mobile

832-690-7101

Alt Mobile #

Note

Contact Name

FULLER, RONNIE

Title

FOREMAN

Tour

NIGHT

Mobile

940-613-6146

Alt Mobile #

Note

Contact Name

STEPHENS, BOBBY

Title

FOREMAN

Tour

NIGHT

Mobile

940-521-6335

Alt Mobile #

Note

Contact Name

BELCHER, BOB

Title

FOREMAN

Tour

Day

Mobile

940-257-5660

Alt Mobile #

940-257-4658

Note

Contact Name

HATHCOAT, ANDREW

Title

SUPERVISOR

Tour

Day

Mobile

903-439-5529

Alt Mobile #

Note

Contact Name

TREJO, JEREMIAH

Title

FOREMAN

Tour

Day

Mobile

682-229-0983

Alt Mobile #

Note

Personnel Log

Company

SUPREME PRODUCTION SERVICES INC

Count

4

Company

PRO OILFIELD SERVICES LLC

Count

6

Company

PIONEER NATURAL RESOURCES USA INC

Count

6

Company

PNR PUMPING SERVICES LLC

Count

6

Daily Operations

Operations at Report Time

Microseismic monitoring offset wells

Daily Goal Description

Daily Goal - Last 24

Operations Summary

Microseismic monitoring offset wells

Operations Next Report Period

Stim Ops

Remarks

Time Log

Start Time

06:0

End Time

06:0

Dur (hr)

24

Phase

STIM, OPS

Activity

WIRELINE

Operation

WL_SEISMIC

Com

Microseismic Monitoring 5H & 6H

Ops Category

NORMAL

Prob Ref #

Prob Hrs (hr)

Frac Stage

Fluid Summary

Fluid

DISPOSED WELL FLUID

Cum to Well (bbl)

717,956.0

To well (bbl)

Cum from Well (bbl)

2,239.0

From well (bbl)

Left to recover (bbl)

-2,239.0

717,956.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

Rigs

Contractor

PRO OILFIELD SERVICES

Rig #

1

Start Date

2/2/2017 12:00

RR Date

Rig Type

WIRELINE

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Start Date

2/3/2017 09:00

RR Date

Rig Type

FRAC FLEET

DIESEL, DYED

Total Received

154,601.33

Total Consumed

154,601.33

Total Returned

0.0

Stimulations Summary

Stim/Treat Company

PIONEER PUMPING SERVICES

Diversion Company

Diversion Method

COMPOSITE PLUG

Start Date

2/6/2017 02:18

End Date

Job

OCM, 2/1/2017 20:00

Number of Treatment Intervals

66

Design Number of Treatment Intervals

66

Volume Clean Total (bbl)

717,897.00

Proppant Total (lb)

25,355,866.0

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/5/2017

32

040671

\$8,796,761.00

\$7,343,078.74

\$-2,497.42

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020002

42-461-40446-0000

949805-004

SPRABERRY (TREND AREA)

WOLFCAMP B3 (WFMP B3)

11/10/2016

19,320.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCM

2/1/2017

3/4/2017

AFE APPROVED

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/4/2017

MILESTONE

READY TO START (RTS)

3/4/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

06:01

MEETING

PRE-TOUR

DAY

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

17:45

MEETING

PRE-TOUR

NIGHT

Held safety meeting with PPS-3 and all third party vendors. Discussed safety awareness

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

THOMAS, MICHAEL

COMPLETION ENGINEER

214-908-8152

NECAISE, KEVIN

SUPERINTENDE

BROWN, PERRY

FOREMAN

NIGHT

832-690-7101

FULLER, RONNIE

FOREMAN

NIGHT

940-613-6146

STEPHENS, BOBBY

FOREMAN

NIGHT

940-521-6335

BELCHER, BOB

FOREMAN

Day

940-257-5660

940-257-4658

HATHCOAT, ANDREW

SUPERVISOR

Day

903-439-5529

TREJO, JEREMIAH

FOREMAN

Day

682-229-0983

Personnel Log

Company

Count

SUPREME PRODUCTION SERVICES INC

4

PRO OILFIELD SERVICES LLC

6

PIONEER NATURAL RESOURCES USA INC

6

PNR PUMPING SERVICES LLC

6

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

WSI

Operations Summary

RD Frac, Microseismic and all parties

Operations Next Report Period

DO Ops

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

00:00

18

IDLE, WO POSTSTIM

SETUP

RURD

RD Frac & Support Equipment

NORMAL

00:00

06:00

6

IDLE, WO POSTSTIM

NONOPS

SHUT_IN

No Activity

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED WELL FLUID

717,956.0

3,019.0

780.0

-3,019.0

717,956.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

3/4/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

2/2/2017 14:00

3/4/2017 12:00

PUMPDOWN

PIONEER PUMPING SERVICES

3

2/3/2017 06:00

3/4/2017 18:00

FRAC FLEET

DIESEL, DYED

Total Received

Total Consumed

Total Returned

154,601.33

154,601.33

0.0

Stimulations Summary

Stim/Treat Company

Diversion Company

Diversion Method

Start Date

End Date

Job

PIONEER PUMPING SERVICES

COMPOSITE PLUG

2/6/2017 02:18

2/27/2017 17:15

OCM, 2/1/2017 20:00

Number of Treatment Intervals

Design Number of Treatment Intervals

Volume Clean Total (bbl)

Proppant Total (lb)

66

66

717,897.00

25,356,043.0

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/6/2017

33

040671

\$8,796,761.00

\$7,394,825.24

\$51,746.50

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

3/4/2017

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/4/2017

MILESTONE

READY TO START (RTS)

3/4/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

09:00

MEETING

PRE-TOUR

DAY

Held safety meeting with all third party vendors. Discussed safety awareness and job duties.

18:00

MEETING

PRE-TOUR

NIGHT

Held JSA/R2LB with all personnel on location.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

OWENS, JEREMY

DRILL OUT

214-662-7980

MOYERS, BENNY

ADVISOR

940-389-3334

940-255-8579

PARKER, RANDY

ADVISOR

817-374-2449

940-445-2392

JUAREZ, LUIS

FOREMAN

DAY

432-813-6086

SHERRILL, BILL

FOREMAN

NIGHT

817-964-8889

682-205-9577

Personnel Log

Company

Count

PIONEER NATURAL RESOURCES USA INC

2

SUPERIOR ENERGY SERVICES LLC

10

RODS PRODUCTION SERVICE LLC

2

IPS

6

CHEMCO TECHNOLOGY SERVICES LLC

4

SELECT ENERGY SERVICES LLC

2

Daily Operations

Operations at Report Time

Continue to RU CATS rig

Daily Goal Description

Daily Goal - Last 24

Operations Summary

Wait till Frac Department, moved the Sand Silos. Move in support equipment for D/O ops. Cats rig in transit to location, start rig up support equipment. Continue to RU CATS rig at report time.

Operations Next Report Period

Continue Rig up.

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:0

14:3

8.5

IDLE, WO

NONOPS

SHUT IN

Wait till Frac Department, moved the Sand Silos.

NORMAL

14:3

06:0

15.5

POSTSTIM, PRE OPS

SETUP

RURD

Move in support equipment for D/O ops. Cats rig in transit to location. Had to wait for frac to remove silos off of location. MIRU sub structure, move in and spot support equin. MIRU sandx super loop

NORMAL

0

0

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED WELL FLUID

717,956.0

3,019.0

-3,019.0

717,956.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

3/4/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

2/2/2017 14:00

3/4/2017 12:00

PUMPDOWN

PIONEER PUMPING SERVICES

3

2/3/2017 06:00

3/4/2017 18:00

FRAC FLEET

SUPERIOR ENERGY SERVICES LLC

CATS-JAGUAR

3/5/2017 14:30

WORKOVER

DIESEL, DYED

Total Received

154,601.33

Total Consumed

154,601.33

Total Returned

0.0

Stimulations Summary

Stim/Treat Company

PIONEER PUMPING SERVICES

Diversion Company

COMPOSITE PLUG

Start Date

2/6/2017 02:18

End Date

2/27/2017 17:15

Job

OCM, 2/1/2017 20:00

Number of Treatment Intervals

66

Design Number of Treatment Intervals

66

Volume Clean Total (bbl)

717,897.00

Proppant Total (lb)

25,356,043.0

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 3/7/2017

Report #: 34

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$7,445,525.34

Daily Field Estimate: \$50,182.00

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

3/4/2017

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

MILESTONE

Subtype

TURN OVER TO PRODUCTION

Note

Date

2/5/2017

Type

MILESTONE

Subtype

READY TO START (RTS)

Note

Date

3/4/2017

Type

PLAN

Subtype

STIMULATION END

Note

Safety Checks

Time

Type

Des

Tour

Com

06:00

MEETING

PRE-TOUR

DAY

Held safety meeting with all third party vendors. Discussed safety awareness and job duties.

18:00

MEETING

PRE-TOUR

NIGHT

Held JSA/R2LB with all personnel on location.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

OWENS, JEREMY

DRILL OUT

214-662-7980

MOYERS, BENNY

ADVISOR

940-389-3334

940-255-8579

PARKER, RANDY

ADVISOR

817-374-2449

940-445-2392

JUAREZ, LUIS

FOREMAN

DAY

432-813-6086

SHERRILL, BILL

FOREMAN

NIGHT

817-964-8889

682-205-9577

Personnel Log

Company

Count

PIONEER NATURAL RESOURCES USA INC

2

SUPERIOR ENERGY SERVICES LLC

10

RODS PRODUCTION SERVICE LLC

2

IPS

6

CHEMCO TECHNOLOGY SERVICES LLC

4

SELECT ENERGY SERVICES LLC

2

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

RIH with BHA to drill plugs

Operations Summary

Finish Rig up Cats WOR & Support Equipment, NU BOP's & Snubbing Unit stack, RU Hoses to BOP and Annular and Snubbing unit. Test all surface equipment Low 250 psi High 7500 psi. Good Test. Test BOP Low 250 psi and High 7500 psi. Good Test. Change drill line on rig, change out saver sub. Open frac valve and valve would only open 16 turns, should have been 17 turns. Wait on Supreme to grease valve, grease valve and open with 17 turns. RIH with BHA filling tbg every 50 jts. EOT at 6600' with 210 jts in hole at report time.

Operations Next Report Period

Drill CFP

Remarks

Flow back Tanks: #408, #806, #668, #55

Pump Down Tanks: #900, #787, #425, #642, #709

"R" nipples in well:

1st R nipple top of jt #1

2nd R nipple top of jt #275

3rd R nipple top of jt #340

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

13:34

7.58

POSTSTIM, DRL OUT

SETUP

RURD

Continue rig up Cats Equipment, NU BOP's & Snubbing Unit stack, RU Hoses to BOP and Annular and Snubbing unit. Test all surface equipment Low 250 psi High 7500 psi. Good Test. Test BOP Low 250 psi and High 7500 psi. Good Test. Change drill line on rig, change out saver sub. Open frac valve and valve would only open 16 turns, should have been 17 turns. Wait on Supreme to grease valve, grease valve and open with 17 turns. RIH with BHA filling tbg every 50 jts. EOT at 6600' with 210 jts in hole at report time.

NORMAL

13:34

16:30

2.97

POSTSTIM, DRL OUT

TEST

TEST_BOP

Test all surface equipment Low 250 psi High 7500 psi. Good Test. Test BOP Low 250 psi and High 7500 psi. Good Test. Change drill line on rig, change out saver sub. Open frac valve and valve would only open 16 turns, should have been 17 turns. Wait on Supreme to grease valve, grease valve and open with 17 turns. RIH with BHA filling tbg every 50 jts. EOT at 6600' with 210 jts in hole at report time.

NORMAL

16:30

21:00

4.5

POSTSTIM, DRL OUT

SETUP

RURD

Test all surface equipment Low 250 psi High 7500 psi. Good Test. Test BOP Low 250 psi and High 7500 psi. Good Test. Change drill line on rig, change out saver sub. Open frac valve and valve would only open 16 turns, should have been 17 turns. Wait on Supreme to grease valve, grease valve and open with 17 turns. RIH with BHA filling tbg every 50 jts. EOT at 6600' with 210 jts in hole at report time.

NORMAL

21:00

00:00

3

POSTSTIM, DRL OUT

NONOPS

SHUT_IN

Change out saver sub, RIH with BHA and could only get 16 1/4 turns on frac valve, should have been 17 turns. Call Randy and decided to get Supreme to grease valve and RIH with BHA to drill Base C Valve and fill later 26 turns and 80 jts way down.

NORMAL

00:00

06:00

6

POSTSTIM, DRL OUT

WORKOVER

WOV_RIH

Open frac valve and RIH with Supreme to drill Base C Valve and fill later 26 turns and 80 jts way down.

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED WELL FLUID

719.673.0

1,717.0

3,019.0

-3,019.0

719.673.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

3/4/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

2/2/2017 14:00

3/4/2017 12:00

PUMPDOWN

PIONEER PUMPING SERVICES

3

2/3/2017 06:00

3/4/2017 18:00

FRAC FLEET

SUPERIOR ENERGY SERVICES LLC

CATS-JAGUAR

3/5/2017 14:30

WORKOVER

Drill Strings

Drill String Name

Drill Bit

Date Pick Up

Date Out of Hole

Reason

DRILL OUT - WORKOVER

4 5/8in, SB117PS, RH8154

3/6/2017

Drill String Components

Item Des

Icon

OD (in)

Len (ft)

R NIPPLE (OVER SHOT)

Profile nipple 2

3.41

1.01

TUBING

Tubing (grey)

2.88

31.45

XO SUB

XO

3.52

0.57

FLOAT SUB

FLOAT SUB

2.88

1.28

BIT SUB

DRILL COLLAR

3.73

1.41

DIESEL, DYED

Total Received

Total Consumed

Total Returned

154,601.33

154,601.33

0.0

Stimulations Summary

Stim/Treat Company

Diversion Company

Diversion Method

Start Date

End Date

Job

PIONEER PUMPING SERVICES

COMPOSITE PLUG

2/6/2017 02:18

2/27/2017 17:15

OCM, 2/1/2017 20:00

Number of Treatment Intervals

Design Number of Treatment Intervals

Volume Clean Total (bbl)

Proppant Total (lb)

66

66

717,897.00

25,356,043.0

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM
Report Date: 3/8/2017
Report #: 35
AFE #: 040671
Total AFE + Sup: \$8,796,761.00
Cum Field Estimate: \$7,508,022.10
Daily Field Estimate: \$47,529.70

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED WELL FLUID	719,673.0		3,609.0	590.0	-3,609.0 719,673.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #	End Date	Dur (Net) (hr)	Excl....	Accountable Party	Est Cost (Cost)	Comment
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Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00	3/4/2017 12:00	WIRELINE
PIONEER PUMPING SERVICES		2/2/2017 14:00	3/4/2017 12:00	PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 06:00	3/4/2017 18:00	FRAC FLEET
SUPERIOR ENERGY SERVICES LLC	CATS-JAGUAR	3/5/2017 14:30		WORKOVER

Drill Strings

Drill String Name	Drill Bit	Date Pick Up	Date Out of Hole	Reason
DRILL OUT - WORKOVER	4 5/8in, SB117PS, RH8154	3/6/2017		

Drill String Components

Item Des	Icon	OD (in)	Len (ft)
R NIPPLE (OVER SHOT)	Profile nipple 2	3.41	1.01
TUBING	Tubing (grey)	2.88	31.45
XO SUB	XO	3.52	0.57
FLOAT SUB	FLOAT SUB	2.88	1.28
BIT SUB	DRILL COLLAR	3.73	1.41

DIESEL, DYED

Total Received	Total Consumed	Total Returned
154,601.33	154,601.33	0.0

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG	2/6/2017 02:18	2/27/2017 17:15	OCM, 2/1/2017 20:00

Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)
66	66	717,897.00	25,356,043.0

Other In Hole

Des	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)
FRAC PLUG	4.38	11,056.0	11,058.0	3/8/2017	14.00
FRAC PLUG	4.38	10,919.0	10,921.0	3/8/2017	37.00
FRAC PLUG	4.38	10,769.0	10,771.0	3/8/2017	24.00
FRAC PLUG	4.38	10,614.0	10,616.0	3/8/2017	54.00
FRAC PLUG	4.38	10,469.0	10,471.0	3/8/2017	62.00
FRAC PLUG	4.38	10,319.0	10,321.0	3/7/2017	23.00
FRAC PLUG	4.38	10,169.0	10,171.0	3/7/2017	59.00
FRAC PLUG	4.38	10,019.0	10,021.0	3/7/2017	34.00
FRAC PLUG	4.38	9,862.0	9,864.0	3/7/2017	15.00
FRAC PLUG	4.38	9,719.0	9,721.0	3/7/2017	66.00
FRAC PLUG	4.38	9,569.0	9,571.0	3/7/2017	30.00
FRAC PLUG	4.38	9,419.0	9,421.0	3/7/2017	49.00
FRAC PLUG	4.38	8,890.0	8,892.0	3/7/2017	54.00
FRAC PLUG	4.38	8,860.0	8,862.0	3/7/2017	72.00

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/9/2017

36

040671

\$8,796,761.00

\$7,569,920.24

\$53,905.00

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0
Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2	
ORIG COMPLETION	OCM	2/1/2017	3/4/2017	AFE APPROVED	STIM ENG - MICHAEL THOMAS	

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/4/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:00	MEETING	JSA	DAY	Held Safety meeting with all crews.
06:00	MEETING	PRE-TOUR	DAY	Held JSA/R2LB with all personnel on location.
18:00	MEETING	JSA	NIGHT	Held Safety meeting with all crews.
18:00	MEETING	PRE-TOUR	NIGHT	Held JSA/R2LB with all personnel on location.

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
OWENS, JEREMY	DRILL OUT ENGINEER		214-662-7980		
MOYERS, BENNY	ADVISOR		940-389-3334	940-255-8579	
PARKER, RANDY	ADVISOR		817-374-2449	940-445-2392	
JUAREZ, LUIS	FOREMAN	NIGHT	432-813-6086		
MAXWELL, RICK	FOREMAN	DAY	940-447-5550	940-521-8157	

Personnel Log

Company	Count
PIONEER NATURAL RESOURCES USA INC	2
SUPERIOR ENERGY SERVICES LLC	10
RODS PRODUCTION SERVICE LLC	2
IPS	6
CHEMCO TECHNOLOGY SERVICES LLC	4
SELECT ENERGY SERVICES LLC	2

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
Drill out Baker CFP's	PLUGS DRILLED PER DAY	16.0

Operations Summary

Drill out plugs #54 thru plug #33 of 68, drilling on plug 32 at report time.

Avg. Drill Time : 26 min

Avg. Time Plug to Plug: 32 min

Avg. Pump rate: 4 BPM

Avg. Circulating press: 3,600 psi

Avg. Return Rate: 4 BPM

Avg. Return Pressure: 2188 psi

Avg. Choke Size: 22 / 64

Small plug parts.

Lite to Medium sand

Avg. Flare: 2' Ft.

Pipe / Pipe @ .25/10

Fluid FR @ .12/10

Avg. Torque : 3800

Daily Goal for next 24 period= Drill out 16 plugs

Operations Next Report Period

Drill out Baker CFP

Remarks

Flow back Tanks: #408, #806, #668, #55

Pump Down Tanks: #900, #787, #425, #642, #709

Roll off Box R-004

"R" nipples in well:

1st R nipple top of jt #1

2nd R nipple top of jt #275

3rd R nipple top of jt #340

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	06:40	0.667	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #54 @ 11,213.86 w/jnt.358, set @ 11,219', WLM. Drill plug in 0:40 with 3,000 ft/lbs. of torque and 5 lbs/k on bit pumping 4 bpm / 3,400 psi, returns 4 bpm / 2,200 psi. Choke size 23/64 yes flare, 10 bbl. sweep lite sand and small plug parts.	NORMAL			
06:40	07:20	0.667	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #53	NORMAL			
07:20	07:34	0.233	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #53 @ 11,334.33 w/jnt.362, set @ 11,364', WLM. Drill plug in 0:14 with 3,000 ft/lbs. of torque and 5 lbs/k on bit pumping 4 bpm / 3,500 psi, returns 4 bpm / 2,200 psi. Choke size 23/64 yes flare, 5 bbl. sweep lite sand and small plug parts.	NORMAL			
07:34	08:00	0.433	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #52	NORMAL			

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/9/2017

36

040671

\$8,796,761.00

\$7,569,920.24

\$53,905.00

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
01:47	01:54	0.117	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #35 @ 13,970.91 w/jnt.446, set @ 14,069', WLM. Drill plug in 0:07 with 3,900 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,600 psi, returns 4 bpm / 2,150 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
01:54	02:32	0.633	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #34	NORMAL			
02:32	03:29	0.952	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #34 @ 14,176.10 w/jnt.452, set @ 14,219', WLM. Drill plug in 0:57 with 3,900 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,600 psi, returns 4 bpm / 2,175 psi. Choke size 24/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
03:29	04:01	0.533	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #33	NORMAL			
04:01	05:01	1	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #33 @ 14,319.03 w/jnt.457, set @ 14,369', WLM. Drill plug in 1:00 with 3,900 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,600 psi, returns 4 bpm / 2,100 psi. Choke size 24/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
05:01	05:45	0.733	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #32	NORMAL			
05:45	06:00	0.25	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Drilling on plug #32 at report time.	NORMAL			

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED			5,289.0	1,680.0	-5,289.0
WELL FLUID	719,673.0				719,673.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment
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Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00	3/4/2017 12:00	WIRELINE
PIONEER PUMPING SERVICES		2/2/2017 14:00	3/4/2017 12:00	PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 06:00	3/4/2017 18:00	FRAC FLEET
SUPERIOR ENERGY SERVICES LLC	CATS-JAGUAR	3/5/2017 14:30		WORKOVER

Drill Strings

Drill String Name	Drill Bit	Date Pick Up	Date Out of Hole	Reason
DRILL OUT - WORKOVER	4 5/8in, SB117PS, RH8154	3/6/2017		

Drill String Components

Item Des	Icon	OD (in)	Len (ft)
R NIPPLE (OVER SHOT)	Profile nipple 2	3.41	1.01
TUBING	Tubing (grey)	2.88	31.45
XO SUB	XO	3.52	0.57
FLOAT SUB	FLOAT SUB	2.88	1.28
BIT SUB	DRILL COLLAR	3.73	1.41

DIESEL, DYED

Total Received	Total Consumed	Total Returned
154,601.33	154,601.33	0.0

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG	2/6/2017 02:18	2/27/2017 17:15	OCM, 2/1/2017 20:00
Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)		
66	66	717,897.00	25,356,043.0		

Other In Hole

Des	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)
FRAC PLUG	4.38	14,369.0	14,371.0	3/9/2017	60.00
FRAC PLUG	4.38	14,219.0	14,221.0	3/9/2017	57.00
FRAC PLUG	4.38	14,069.0	14,071.0	3/9/2017	7.00
FRAC PLUG	4.38	13,918.0	13,920.0	3/9/2017	46.00
FRAC PLUG	4.38	13,769.0	13,771.0	3/8/2017	60.00
FRAC PLUG	4.38	13,610.0	13,612.0	3/8/2017	10.00
FRAC PLUG	4.38	13,469.0	13,471.0	3/8/2017	14.00
FRAC PLUG	4.38	13,319.0	13,321.0	3/8/2017	12.00
FRAC PLUG	4.38	13,169.0	13,171.0	3/8/2017	18.00
FRAC PLUG	4.38	13,019.0	13,021.0	3/8/2017	11.00
FRAC PLUG	4.38	12,858.0	12,860.0	3/8/2017	30.00
FRAC PLUG	4.38	12,719.0	12,721.0	3/8/2017	15.00
FRAC PLUG	4.38	12,569.0	12,571.0	3/8/2017	26.00
FRAC PLUG	4.38	12,419.0	12,421.0	3/8/2017	12.00
FRAC PLUG	4.38	12,269.0	12,271.0	3/8/2017	20.00
FRAC PLUG	4.38	12,124.0	12,126.0	3/8/2017	17.00
FRAC PLUG	4.38	11,969.0	11,971.0	3/8/2017	36.00
FRAC PLUG	4.38	11,804.0	11,806.0	3/8/2017	8.00
FRAC PLUG	4.38	11,669.0	11,671.0	3/8/2017	7.00



UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
3/9/2017
36
040671
\$8,796,761.00
\$7,569,920.24
\$53,905.00

Other In Hole

Des	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)
FRAC PLUG	4.38	11,519.0	11,521.0	3/8/2017	33.00
FRAC PLUG	4.38	11,364.0	11,366.0	3/8/2017	14.00
FRAC PLUG	4.38	11,219.0	11,221.0	3/8/2017	40.00

Time Log										
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
09:11	10:48	1.617	POSTSTIM, DRL OUT	WORKOVER	WOV_CIRC	Circulate 20-40-20 Sweeps to surface.	NORMAL			
10:48	11:12	0.4	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #29 @ 14,914.59 w/jnt.476, set @ 14,969', WLM. Drill plug in 0:24 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,800 psi, returns 4 bpm / 2,150 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
11:12	11:29	0.283	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #28	NORMAL			
11:29	12:09	0.667	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #28 @ 15,063.29 w/jnt.480, set @ 15,115', WLM. Drill plug in 0:40 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,800 psi, returns 4 bpm / 2,150 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
12:09	12:55	0.767	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #27	NORMAL			
12:55	13:12	0.283	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #27 @ 15,215.33 w/jnt.485, set @ 15,269', WLM. Drill plug in 0:17 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,700 psi, returns 4 bpm / 2,150 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
13:12	13:48	0.6	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #26	NORMAL			
13:48	14:37	0.817	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #26 @ 15,366.22 w/jnt.490, set @ 15,419', WLM. Drill plug in 0:49 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,700 psi, returns 4 bpm / 2,150 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
14:37	15:04	0.45	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #25	NORMAL			
15:04	15:15	0.183	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #25 @ 15,505.92 w/jnt.495, set @ 15,558', WLM. Drill plug in 0:11 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,700 psi, returns 4 bpm / 2,100 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
15:15	15:38	0.383	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #24	NORMAL			
15:38	16:01	0.383	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #24 @ 15,661.84 w/jnt.500, set @ 15,719', WLM. Drill plug in 0:23 with 4,400 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,700 psi, returns 4 bpm / 2,100 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
16:01	16:24	0.383	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #23	NORMAL			
16:24	16:43	0.317	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #23 @ 15,815.43 w/jnt.504, set @ 15,869', WLM. Drill plug in 0:19 with 4,400 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,700 psi, returns 4 bpm / 2,100 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
16:43	17:17	0.567	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #22	NORMAL			
17:17	17:38	0.35	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #22 @ 15,961.28 w/jnt.509, set @ 16,019', WLM. Drill plug in 0:21 with 4,400 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,700 psi, returns 4 bpm / 2,100 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
17:38	18:14	0.6	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #21	NORMAL			
18:14	19:05	0.85	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #21 @ 16,122.05 w/jnt.514, set @ 16,169', WLM. Drill plug in 0:51 with 4,400 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,600 psi, returns 4 bpm / 1,925 psi. Choke size 24/64 yes flare, 5 bbl. sweep med sand and small plug parts.	NORMAL			
19:05	19:54	0.817	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #20	NORMAL			
19:54	21:22	1.467	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #20 @ 16,257.49 w/jnt.518, set @ 16,314', WLM. Drill plug in 1:28 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,600 psi, returns 4 bpm / 2,150 psi. Choke size 26/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
21:22	22:00	0.634	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #19	NORMAL			
22:00	23:32	1.533	POSTSTIM, DRL OUT	WORKOVER	WOV_CIRC	Pump 20-40-20 bbl's sweep, circ. the well bottoms up.	NORMAL			

<div>PIONEER NATURAL RESOURCES</div>			<div>UNIVERSITY 3-310PU 4H</div>			<div>Job: OCM Report Date: 3/10/2017 Report #: 37 AFE #: 040671 Total AFE + Sup: \$8,796,761.00 Cum Field Estimate: \$7,625,233.62 Daily Field Estimate: \$53,321.50</div>					
Time Log											
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage	
23:32	00:12	0.667	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #19 @ 16,414.57 w/jnt.523, set @ 16,469', WLM. Drill plug in 0:40 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,600 psi, returns 4 bpm / 1,950 psi. Choke size 26/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL				
00:12	00:43	0.517	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #18	NORMAL				
00:43	01:03	0.333	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #18 @ 16,565.61 w/jnt.528, set @ 16,619', WLM. Drill plug in 0:20 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,400 psi, returns 4 bpm / 1,950 psi. Choke size 26/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL				
01:03	01:39	0.6	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #17	NORMAL				
01:39	02:04	0.417	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #17 @ 16,718.55 w/jnt.533, set @ 16,769', WLM. Drill plug in 0:25 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4 bpm / 3,500 psi, returns 4 bpm / 2,075 psi. Choke size 25/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL				
02:04	02:52	0.8	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #16	NORMAL				
02:52	03:36	0.733	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #16 @ 16,869.45 w/jnt.538, set @ 16,919', WLM. Drill plug in 0:44 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 3,800 psi, returns 4.5 bpm / 1,900 psi. Choke size 28/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL				
03:36	04:20	0.733	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #15	NORMAL				
04:20	04:33	0.217	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #15 @ 17,011.84 w/jnt.542, set @ 17,063', WLM. Drill plug in 0:13 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 3,800 psi, returns 4.5 bpm / 1,975 psi. Choke size 28/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL				
04:33	05:26	0.883	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #14	NORMAL				
05:26	06:00	0.567	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #14 @ 17,163.70 w/jnt.547, set @ 17,219', WLM. Drilling on plug at report time.	NORMAL				
Fluid Summary											
Fluid		Cum to Well (bbl)		To well (bbl)		Cum from Well (bbl)		From well (bbl)		Left to recover (bbl)	
DISPOSED WELL FLUID		719,673.0				5,839.0		550.0		-5,839.0 719,673.0	
Interval Problems											
<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>											
Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party		Est Cost (Cost)	Comment				
Rigs											
Contractor			Rig #		Start Date		RR Date		Rig Type		
PRO OILFIELD SERVICES			1		2/2/2017 12:00		3/4/2017 12:00		WIRELIN		
PIONEER PUMPING SERVICES					2/2/2017 14:00		3/4/2017 12:00		PUMPDOW		
PIONEER PUMPING SERVICES			3		2/3/2017 06:00		3/4/2017 18:00		FRAC FLEET		
SUPERIOR ENERGY SERVICES LLC			CATS-JAGUAR		3/5/2017 14:30				WORKOVER		
Drill Strings											
Drill String Name DRILL OUT - WORKOVER				Drill Bit 4 5/8in, SB117PS, RH8154			Date Pick Up 3/6/2017		Date Out of Hole		Reason
Drill String Components											
Item Des					Icon		OD (in)		Len (ft)		
R NIPPLE (OVER SHOT)					Profile nipple 2		3.41		1.01		
TUBING					Tubing (grey)		2.88		31.45		
XO SUB					XO		3.52		0.57		
FLOAT SUB					FLOAT SUB		2.88		1.28		
BIT SUB					DRILL COLLAR		3.73		1.41		
DIESEL, DYED											
Total Received 154,851.33				Total Consumed 154,851.33				Total Returned 0.0			
Job Supply Amounts											
Date		Supply Item Des		Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned	
3/9/2017 16:06		DIESEL		DYED	250	250		154,851.33	154,851.33	0.0	
Stimulations Summary											
Stim/Treat Company PIONEER PUMPING SERVICES			Diversion Company		Diversion Method COMPOSITE PLUG		Start Date 2/6/2017 02:18		End Date 2/27/2017 17:15		Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 66		Design Number of Treatment Intervals 66		Volume Clean Total (bbl) 717,897.00				Proppant Total (lb) 25,356,043.0			
Other In Hole											
Des				OD (in)		Top (ftKB)	Btm (ftKB)	Pull Date		Plug Drill Out Duration (min)	
FRAC PLUG				4.38		17,063.0	17,065.0	3/10/2017		13.00	
FRAC PLUG				4.38		16,919.0	16,921.0	3/10/2017		44.00	



UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/10/2017

37

040671

\$8,796,761.00

\$7,625,233.62

\$53,321.50

Other In Hole

Des	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)
FRAC PLUG	4.38	16,769.0	16,771.0	3/10/2017	25.00
FRAC PLUG	4.38	16,619.0	16,621.0	3/10/2017	20.00
FRAC PLUG	4.38	16,469.0	16,471.0	3/10/2017	40.00
FRAC PLUG	4.38	16,314.0	16,316.0	3/9/2017	88.00
FRAC PLUG	4.38	16,169.0	16,171.0	3/9/2017	51.00
FRAC PLUG	4.38	16,019.0	16,021.0	3/9/2017	21.00
FRAC PLUG	4.38	15,869.0	15,871.0	3/9/2017	19.00
FRAC PLUG	4.38	15,719.0	15,721.0	3/9/2017	23.00
FRAC PLUG	4.38	15,558.0	15,560.0	3/9/2017	11.00
FRAC PLUG	4.38	15,419.0	15,421.0	3/9/2017	49.00
FRAC PLUG	4.38	15,269.0	15,271.0	3/9/2017	17.00
FRAC PLUG	4.38	15,115.0	15,117.0	3/9/2017	40.00
FRAC PLUG	4.38	14,969.0	14,971.0	3/9/2017	24.00
FRAC PLUG	4.38	14,821.0	14,823.0	3/9/2017	58.00
FRAC PLUG	4.38	14,669.0	14,671.0	3/9/2017	32.00
FRAC PLUG	4.38	14,517.0	14,519.0	3/9/2017	34.00

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/11/2017

38

040671

\$8,796,761.00

\$7,698,079.20

\$55,795.50

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0
Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2	
ORIG COMPLETION	OCM	2/1/2017	3/4/2017	AFE APPROVED	STIM ENG - MICHAEL THOMAS	

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/4/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:00	MEETING	PRE-TOUR	DAY	Held JSA/R2LB with all personnel on location.
06:00	MEETING	JSA	DAY	Held Safety meeting with all crews.
18:00	MEETING	JSA	NIGHT	Held Safety meeting with all crews.
18:00	MEETING	PRE-TOUR	NIGHT	Held JSA/R2LB with all personnel on location.

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
OWENS, JEREMY	DRILL OUT ENGINEER		214-662-7980		
MOYERS, BENNY	ADVISOR		940-389-3334	940-255-8579	
PARKER, RANDY	ADVISOR		817-374-2449	940-445-2392	
JUAREZ, LUIS	FOREMAN	NIGHT	432-813-6086		
MAXWELL, RICK	FOREMAN	DAY	940-447-5550	940-521-8157	

Personnel Log

Company	Count
PIONEER NATURAL RESOURCES USA INC	2
SUPERIOR ENERGY SERVICES LLC	10
RODS PRODUCTION SERVICE LLC	2
IPS	6
CHEMCO TECHNOLOGY SERVICES LLC	4
SELECT ENERGY SERVICES LLC	2

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
Drill out Baker CFP's	PLUGS DRILLED PER DAY	12.0

Operations Summary
Drill out plugs #13 thru plug #2 of 68, wash down to plug #1, not drill out the last plug is below the B.P pump sweeps circulating the well Bottoms up, at report time..
Avg. Drill Time : 38.5 min
Avg. Time Plug to Plug: 58 min
Avg. Pump rate: 4.5 BPM
Avg. Circulating press: 3950 psi
Avg. Return Rate: 4.5 BPM
Avg. Return Pressure: 1895 psi
Avg. Choke Size: 26 / 64
Small plug parts.
Lite to Medium sand
Avg. Flare: 4' Ft.
Pipe / Pipe @ .25/10
Fluid FR @ .25/10
Avg. Torque : 4650

Operations Next Report Period
POOH laying down work string tubing.

Remarks
Flow back Tanks: #408, #806, #668, #55
Pump Down Tanks: #900, #787, #425, #642, #709
Roll off Box R-001

"R" nipples in well:
1st R nipple top of jt #1
2nd R nipple top of jt #275
3rd R nipple top of jt #340

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	07:00	1	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to Plug #13 @ Report Time.	NORMAL			
07:00	07:24	0.4	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #13 @ 17,306.63 w/jnt.552, set @ 17,369', WLM. Drill plug in 0:24 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 3,800 psi, returns 4.5 bpm / 1,900 psi. Choke size 28/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
07:24	07:57	0.55	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #12	NORMAL			
07:57	08:18	0.35	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #12 @ 17,456.73 w/jnt.557, set @ 17,519', WLM. Drill plug in 0:21 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 3,900 psi, returns 4.5 bpm / 1,900 psi. Choke size 28/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
08:18	09:13	0.917	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #11	NORMAL			

Time Log										
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
09:13	09:32	0.317	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #11 @ 17,607.53 w/jnt.562, set @ 17,669', WLM. Drill plug in 0:19 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 3,900 psi, returns 4.5 bpm / 1,850 psi. Choke size 26/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
09:32	09:53	0.35	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #10	NORMAL			
09:53	11:23	1.55	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #10 @ 17,750.90 w/jnt.566, set @ 17,814', WLM. Drill plug in 1:33 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 3,900 psi, returns 4.5 bpm / 1,900 psi. Choke size 26/64 yes flare, 20/40/20 bbl. sweep med sand and small plug parts.	NORMAL			
11:26	11:43	0.283	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to above CFP #9 @ 17856' with Jt.#569	NORMAL			
11:43	13:37	1.9	POSTSTIM, DRL OUT	WORKOVER	WOV_CIRC	Circulate 20-40-20 sweep to surface.	NORMAL			
13:37	14:12	0.583	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #9 @ 17,905.72 w/jnt.571, set @ 17,969', WLM. Drill plug in 0:35 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 4,000 psi, returns 4.5 bpm / 1,900 psi. Choke size 26/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
14:12	14:49	0.617	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #8	NORMAL			
14:49	15:23	0.567	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #8 @ 18,076.44 w/jnt.576, set @ 18,119', WLM. Drill plug in 0:34 with 4,500 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 4,000 psi, returns 4.5 bpm / 1,900 psi. Choke size 26/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
15:23	16:19	0.933	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #7	NORMAL			
16:19	16:45	0.433	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #7 @ 18,209.38 w/jnt.581, set @ 18,269', WLM. Drill plug in 0:26 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 4,000 psi, returns 4.5 bpm / 1,900 psi. Choke size 26/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
16:45	17:45	1	POSTSTIM, DRL OUT	WORKOVER	WOV_CIRC	Circ. the well till they replaced slip dies on slips, the bag was leaking working on it to stop the leak, continue rih w/ the Bit.	NORMAL			
17:45	18:41	0.934	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #6.	NORMAL			
18:41	19:05	0.4	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #6 @ 18,363.20 w/jnt.586, set @ 18,419', WLM. Drill plug in 0:24 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 4,000 psi, returns 4.5 bpm / 1,920 psi. Choke size 23/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
19:05	19:58	0.883	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #5	NORMAL			
19:58	20:37	0.65	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #5 @ 18,509.64 w/jnt.590, set @ 18,567', WLM. Drill plug in 0:39 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 4,000 psi, returns 4.5 bpm / 1,925 psi. Choke size 24/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
20:37	21:54	1.283	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #4	NORMAL			
21:54	22:47	0.883	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #4 @ 18,659.22 w/jnt.595, set @ 18,719', WLM. Drill plug in 0:53 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 4,000 psi, returns 4.5 bpm / 1,900 psi. Choke size 25/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
22:47	00:06	1.317	POSTSTIM, DRL OUT	WORKOVER	WOV_CIRC	Continue circ. the well till they replace BOP Hose, continue RIH w/ the Bit.	NORMAL			
00:06	02:17	2.183	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #3	NORMAL			
02:17	03:38	1.35	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #3 @ 18,812.03 w/jnt.600, set @ 18,869', WLM. Drill plug in 1:21 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 3,800 psi, returns 4.5 bpm / 1,900 psi. Choke size 27/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
03:38	04:36	0.967	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #2	NORMAL			



UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
3/11/2017
38
040671
\$8,796,761.00
\$7,698,079.20
\$55,795.50

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
04:36	04:52	0.267	POSTSTIM, DRL OUT	WORKOVER	WOV_DOP	Tag CFP #2 @ 18,934.50 w/jnt.604, set @ 19,015', WLM. Drill plug in 0:16 with 4,800 ft/lbs. of torque and 6 lbs/k on bit pumping 4.5 bpm / 4,000 psi, returns 4.5 bpm / 1,850 psi. Choke size 27/64 yes flare, 10 bbl. sweep med sand and small plug parts.	NORMAL			
04:52	06:00	1.133	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	TIH to CFP #1, not drill out plug #1 is below B.P, pump sweeps start circ. the well bottoms up at report time.	NORMAL			

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED WELL FLUID	719,673.0		7,049.0	660.0	-7,049.0 719,673.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00	3/4/2017 12:00	WIRELINE
PIONEER PUMPING SERVICES		2/2/2017 14:00	3/4/2017 12:00	PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 06:00	3/4/2017 18:00	FRAC FLEET
SUPERIOR ENERGY SERVICES LLC	CATS-JAGUAR	3/5/2017 14:30		WORKOVER

Drill Strings

Drill String Name	Drill Bit	Date Pick Up	Date Out of Hole	Reason
DRILL OUT - WORKOVER	4 5/8in, SB117PS, RH8154	3/6/2017		

Drill String Components

Item Des	Icon	OD (in)	Len (ft)
R NIPPLE (OVER SHOT)	Profile nipple 2	3.41	1.01
TUBING	Tubing (grey)	2.88	31.45
XO SUB	XO	3.52	0.57
FLOAT SUB	FLOAT SUB	2.88	1.28
BIT SUB	DRILL COLLAR	3.73	1.41

DIESEL, DYED

Total Received	Total Consumed	Total Returned
154,851.33	154,851.33	0.0

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG	2/6/2017 02:18	2/27/2017 17:15	OCM, 2/1/2017 20:00
Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)		
66	66	717,897.00	25,356,043.0		

Other In Hole

Des	OD (in)	Top (ftKB)	Btm (ftKB)	Pull Date	Plug Drill Out Duration (min)
FRAC PLUG	4.38	19,015.0	19,017.0	3/11/2017	16.00
FRAC PLUG	4.38	18,869.0	18,871.0	3/11/2017	81.00
FRAC PLUG	4.38	18,719.0	18,721.0	3/10/2017	53.00
FRAC PLUG	4.38	18,567.0	18,569.0	3/10/2017	39.00
FRAC PLUG	4.38	18,419.0	18,421.0	3/10/2017	24.00
FRAC PLUG	4.38	18,269.0	18,271.0	3/10/2017	26.00
FRAC PLUG	4.38	18,119.0	18,121.0	3/10/2017	34.00
FRAC PLUG	4.38	17,969.0	17,971.0	3/10/2017	35.00
FRAC PLUG	4.38	17,814.0	17,816.0	3/10/2017	93.00
FRAC PLUG	4.38	17,669.0	17,671.0	3/10/2017	19.00
FRAC PLUG	4.38	17,519.0	17,521.0	3/10/2017	21.00
FRAC PLUG	4.38	17,369.0	17,371.0	3/10/2017	24.00

<div><div>PIONEER</div><div>NATURAL RESOURCES</div></div>		<div>UNIVERSITY 3-310PU 4H</div>		<div>Job: Report Date: Report #: AFE #: Total AFE + Sup: Cum Field Estimate: Daily Field Estimate:</div> <div>OCM 3/12/2017 39 040671 \$8,796,761.00 \$7,752,490.20 \$51,856.00</div>							
<div>FRAC FLEET / CREW #</div> <table><tr><td>Contractor</td><td>Rig #</td></tr><tr><td>PIONEER PUMPING SERVICES</td><td>3</td></tr><tr><td colspan="2"></td></tr></table>						Contractor	Rig #	PIONEER PUMPING SERVICES	3		
Contractor	Rig #										
PIONEER PUMPING SERVICES	3										
Asset Team Identifier ID00020002	API/UWI 42-461-40446-0000	Property Sub 949805-004	Field Name SPRABERRY (TREND AREA)	Open Formation WOLFCAMP B3 (WFMP B3)	Spud Date 11/10/2016	TD (max) (ftKB) 19,320.0					
Job Category ORIG COMPLETION		Primary Job Type OCM	Start Date 2/1/2017	End Date 3/4/2017	Job Status AFE APPROVED	Responsible Grp 2 STIM ENG - MICHAEL THOMAS					
Job Dates											
Date	Type MILESTONE		Subtype TURN OVER TO PRODUCTION		Note						
Date 2/5/2017	Type MILESTONE		Subtype READY TO START (RTS)		Note						
Date 3/4/2017	Type PLAN		Subtype STIMULATION END		Note						
Safety Checks											
Time	Type	Des	Tour	Com							
06:00	MEETING	JSA	DAY	Held Safety meeting with all crews.							
06:00	MEETING	PRE-TOUR	DAY	Held JSA/R2LB with all personnel on location.							
18:00	MEETING	PRE-TOUR	NIGHT	Held JSA/R2LB with all personnel on location.							
18:00	MEETING	JSA	NIGHT	Held Safety meeting with all crews.							
Daily Contacts on Location											
Contact Name		Title	Tour	Mobile	Alt Mobile #	Note					
OWENS, JEREMY		DRILL OUT ENGINEER		214-662-7980							
MOYERS, BENNY		ADVISOR		940-389-3334	940-255-8579						
PARKER, RANDY		ADVISOR		817-374-2449	940-445-2392						
JUAREZ, LUIS		FOREMAN	NIGHT	432-813-6086							
MAXWELL, RICK		FOREMAN	DAY	940-447-5550	940-521-8157						
Personnel Log											
Company					Count						
PIONEER NATURAL RESOURCES USA INC					2						
SUPERIOR ENERGY SERVICES LLC					10						
RODS PRODUCTION SERVICE LLC					2						
IPS					6						
CHEMCO TECHNOLOGY SERVICES LLC					4						
SELECT ENERGY SERVICES LLC					2						
Daily Operations											
Operations at Report Time POOH w/ Workstring tubing.				Daily Goal Description		Daily Goal - Last 24					
Operations Summary Circulate 20-40-20 sweep then a 200 bbl. spacer followed with another 20-40-20 100 visc. sweep to surface, POOH Laying down 290 jts. of work string, get to 9955' ft, bottom of the curve, pump 10-20-10 bbl's sweep circ. the well bottoms up, Continue POOH laying down work string tubing laying down 514 jts total, float sub valves start leaking, SWI waiting on Slick line wireline truck to set plug on the R-Nipple.											
Operations Next Report Period Rig up Wireline to set Prod. Packer.											
Remarks Flow back Tanks: #408, #806, #668, #55 Pump Down Tanks: #900, #787, #425, #642, #709 Roll off Box R-001											
"R" nipples in well: 1st R nipple top of jt #1											
Time Log											
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage	
06:00	07:00	1	POSTSTIM, DRL OUT	WORKOVER	WOV_RIH	Wash down to CFP #1, Did not drill out plug #1. It is below Bottom Perfs.	NORMAL				
07:00	10:15	3.25	POSTSTIM, DRL OUT	WORKOVER	WOV_CIRC	Circulate 20-40-20 sweep then a 200 bbl. spacer followed with another 20-40-20 100 visc. sweep to surface.	NORMAL				
10:15	20:00	9.75	POSTSTIM, DRL OUT	WORKOVER	WOV_POOH	POOH Laying down 290 jts. of work string, get to 9955' ft, bottom of the curve.	NORMAL				
20:00	21:15	1.25	POSTSTIM, DRL OUT	WORKOVER	WOV_CIRC	Pump 10-20-10 bbl's sweep circ. the well bottoms up.	NORMAL				
21:15	04:54	7.65	POSTSTIM, DRL OUT	WORKOVER	WOV_POOH	Continue POOH laying down work string tubing, laying down 514 jts total, String float valves start leaking, SWI with 93 jts in the hole 2960' ft.	NORMAL				
04:54	06:00	1.1	POSTSTIM, DRL OUT	NONOPS	SHUT_IN	SWI, wait on Slick Line Wireline Truck, to set a plug on the 2 7/8 R-Nipple.	NORMAL				
Fluid Summary											
Fluid		Cum to Well (bbl)		To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)				
DISPOSED WELL FLUID		719,673.0			8,259.0	1,210.0	-8,259.0 719,673.0				
Interval Problems											
<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>											
Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment					
Rigs											
Contractor			Rig #	Start Date		RR Date		Rig Type			
PRO OILFIELD SERVICES			1	2/2/2017 12:00		3/4/2017 12:00		WIRELINE			
PIONEER PUMPING SERVICES				2/2/2017 14:00		3/4/2017 12:00		PUMPDOWN			
PIONEER PUMPING SERVICES			3	2/3/2017 06:00		3/4/2017 18:00		FRAC FLEET			
SUPERIOR ENERGY SERVICES LLC			CATS-JAGUAR	3/5/2017 14:30				WORKOVER			
Drill Strings											
Drill String Name DRILL OUT - WORKOVER			Drill Bit 4 5/8in, SB117PS, RH8154			Date Pick Up 3/6/2017		Date Out of Hole		Reason	



UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 3/12/2017

Report #: 39

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$7,752,490.20

Daily Field Estimate: \$51,856.00



Drill String Components

Item Des	Icon	OD (in)	Len (ft)
R NIPPLE (OVER SHOT)	Profile nipple 2	3.41	1.01
TUBING	Tubing (grey)	2.88	31.45
XO SUB	XO	3.52	0.57
FLOAT SUB	FLOAT SUB	2.88	1.28
BIT SUB	DRILL COLLAR	3.73	1.41

DIESEL, DYED

Total Received	Total Consumed	Total Returned
154,851.33	154,851.33	0.0

Stimulations Summary

Stim/Treat Company	Diversion Company	Diversion Method	Start Date	End Date	Job
PIONEER PUMPING SERVICES		COMPOSITE PLUG	2/6/2017 02:18	2/27/2017 17:15	OCM, 2/1/2017 20:00
Number of Treatment Intervals	Design Number of Treatment Intervals	Volume Clean Total (bbl)	Proppant Total (lb)		
66	66	717,897.00	25,356,043.0		

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/13/2017

40

040671

\$8,796,761.00

\$7,820,763.28

\$55,808.09

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020002

42-461-40446-0000

949805-004

SPRABERRY (TREND AREA)

WOLFCAMP B3 (WFMP B3)

11/10/2016

19,320.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCM

2/1/2017

3/4/2017

AFE APPROVED

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/4/2017

MILESTONE

READY TO START (RTS)

3/4/2017

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

06:00

MEETING

PRE-TOUR

DAY

Held JSA/R2LB with all personnel on location.

06:00

MEETING

JSA

DAY

Held Safety meeting with all crews.

18:00

MEETING

PRE-TOUR

NIGHT

Held JSA/R2LB with all personnel on location.

18:00

MEETING

JSA

NIGHT

Held Safety meeting with all crews.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

OWENS, JEREMY

DRILL OUT ENGINEER

214-662-7980

MOYERS, BENNY

ADVISOR

940-389-3334

940-255-8579

ARMSTRONG, RANDY

SUPERINTENDE NT

432-301-0051

940-249-7281

PARKER, RANDY

ADVISOR

817-374-2449

940-445-2392

JUAREZ, LUIS

FOREMAN

NIGHT

432-813-6086

MAXWELL, RICK

FOREMAN

DAY

940-447-5550

940-521-8157

Personnel Log

Company

Count

PIONEER NATURAL RESOURCES USA INC

2

SUPERIOR ENERGY SERVICES LLC

10

RODS PRODUCTION SERVICE LLC

2

IPS

6

CHEMCO TECHNOLOGY SERVICES LLC

4

SELECT ENERGY SERVICES LLC

2

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

POOH w/ rest of the work string tubing.

Operations Summary

Wait on Slickline to arrive and set plug, RU Diamond D wireline, RIH w/ Diamond D Pump thru Plug, we can't get that plug set, pooh w/ seating tools & plug, pick up Team Oil Tools Pump thru plug, RIH & get plug set on the Otis R- Nipple, POOH w/ seating tools, bleed off the pressure from the tbg, 0 psi stop flowing, Rig down Diamond D Wireline, POOH w/ the rest of the tubing, POOH w/ the rest of the tubing, snub out the last 56 jts plus BHA, closed the well, nipple down the Snubbing Unit from the top of the BOP's, at report time.

Operations Next Report Period

Rig up Wireline to set Prod. Packer.

Remarks

Flow back Tanks: #408, #806, #668, #55
Pump Down Tanks: #900, #787, #425, #642, #709
Roll off Box R-001

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

08:30

2.5

POSTSTIM, DRL OUT

NONOPS

SHUT_IN

WSI waiting on Diamond D Slickline to arrive.

NORMAL

08:30

16:00

7.5

POSTSTIM, DRL OUT

SLICKLINE

SL_PLUG

RU Diamond Slickline Service. MIRIH w/ 2.225 Gauge Ring. Tag R-Nipple @ 2892' . POOH. MURIH 2.188 PTP. Plug set down 35'ft. high @ 2857'. PU and pumped 5 bbls. then tried to pump plug down. It stopped in the same place. POOH. Flushed well with 20 bbls. MURIH w/ 2.225 gauge ring. Set Down @ 2892' POOH. MURIH w/ 2.188 PTP. It set down @ 2857. Things wasn't adding up so we measured the OD of Gauge Ring. We checked with a tape and Slicklines Calipers. Slicklines calipers were off. They were running a 2.18 guage ring and it was going thru R-Nipple. We then knew that we had plug at R-Nipple. Try to set plug . It wouldn't set. POOH. Checked Plug with 3 other R-Nipples. It would not latch in any of them.They didn't have right plug for R-Nipple. Wait on Diamond D manager to bring different plugs along with packer and collar stop to location.

NORMAL

16:00

19:00

3

POSTSTIM, DRL OUT

NONOPS

SHUT_IN

Wait on Diamond D Slickline to arrive with right plugs.

NORMAL

19:00

22:00

3

POSTSTIM, DRL OUT

WIRELINE

WL_RUNDN

RIH w/ Diamond D Pump thru Plug, we can't get that plug set, pooh w/ seating tools & plug, pick up Team Oil Tools Pump thru plug, RIH & get plug set on the Otis R- Nipple, POOH w/ seating tools, bleed off the pressure from the tbg, 0 psi stop flowing.

NORMAL

22:00

23:07

1.117

POSTSTIM, DRL OUT

SETUP

RURD

Rig down Diamond D Wireline.

NORMAL

Job:	OCM
Report Date:	3/13/2017
Report #:	40
A/E #:	040671
Total A/E + Sup:	\$8,796,761.00
Cum Field Estimate:	\$7,820,763.28
Daily Field Estimate:	\$55,808.09

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/14/2017

41

040671

\$8,796,761.00

\$7,801,221.58

\$60,625.05

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier	API/UWI	Property Sub	Field Name	Open Formation	Spud Date	TD (max) (ftKB)
ID00020002	42-461-40446-0000	949805-004	SPRABERRY (TREND AREA)	WOLFCAMP B3 (WFMP B3)	11/10/2016	19,320.0
Job Category	Primary Job Type	Start Date	End Date	Job Status	Responsible Grp 2	
ORIG COMPLETION	OCM	2/1/2017	3/4/2017	AFE APPROVED	STIM ENG - MICHAEL THOMAS	

Job Dates

Date	Type	Subtype	Note
	MILESTONE	TURN OVER TO PRODUCTION	
2/5/2017	MILESTONE	READY TO START (RTS)	
3/4/2017	PLAN	STIMULATION END	

Safety Checks

Time	Type	Des	Tour	Com
06:00	MEETING	JSA	DAY	Held Safety meeting with all crews.
06:00	MEETING	PRE-TOUR	DAY	Held JSA/R2LB with all personnel on location.
18:00	MEETING	JSA	NIGHT	Held Safety meeting with all crews.
18:00	MEETING	PRE-TOUR	NIGHT	Held JSA/R2LB with all personnel on location.

Daily Contacts on Location

Contact Name	Title	Tour	Mobile	Alt Mobile #	Note
OWENS, JEREMY	DRILL OUT ENGINEER		214-662-7980		
MOYERS, BENNY	ADVISOR		940-389-3334	940-255-8579	
ARMSTRONG, RANDY	SUPERINTENDE NT		432-301-0051	940-249-7281	
PARKER, RANDY	ADVISOR		817-374-2449	940-445-2392	
JUAREZ, LUIS	FOREMAN	NIGHT	432-813-6086		
MAXWELL, RICK	FOREMAN	DAY	940-447-5550	940-521-8157	

Personnel Log

Company	Count
PIONEER NATURAL RESOURCES USA INC	2
SUPERIOR ENERGY SERVICES LLC	10
RODS PRODUCTION SERVICE LLC	2
IPS	6
CHEMCO TECHNOLOGY SERVICES LLC	4
SELECT ENERGY SERVICES LLC	2

Daily Operations

Operations at Report Time	Daily Goal Description	Daily Goal - Last 24
Rig down Cats WOR		
Operations Summary RU Allied Wireline. MU RIH w/ 4.625 GR/JB to 9100' , MU RIH Team Oil Tools AS-1X Packer with POP. Plug has 4 pins rated at 400 psi ea. Set Packer @ 9,000' ft. Negative Test Good, RD Allied Wireline, Doing maintenance changing out swivel and saver sub, RD Cats WOR Rig & support Equipment, WSI waiting on Drill out ops on 5H, & 6H.		
Operations Next Report Period WSI, Ready to run Prod.		
Remarks		

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	07:00	1	POSTSTIM, POST DO	SETUP	RURD	RD Snubbing Head.	NORMAL			
07:00	08:15	1.25	POSTSTIM, POST DO	WORKOVER	WOV_FLUSH	Flush well w/ 100 bbls water then 220 bbls Packer Fluid.	NORMAL			
08:15	11:30	3.25	POSTSTIM, POST DO	WIRELINE	WL_GR/JB	RU Allied Wireline. MURIH w/ 4.625 GR/JB to 9100' POOH.	NORMAL			
11:30	13:15	1.75	POSTSTIM, POST DO	WIRELINE	WL_PKR	MURIH w/ AS-1X Packer with POP. Plug has 4 pins rated at 400 psi ea. Set Packer @ 9,000' ft.	NORMAL			
13:15	13:45	0.5	POSTSTIM, SET PROD	WIRELINE	WL_RUNUP	POOH with Wireline. Negative Test was good.	NORMAL			
13:45	14:45	1	POSTSTIM, SET PROD	SETUP	RURD	RD Allied Wireline.	NORMAL			
14:45	20:30	5.75	POSTSTIM, SET PROD	SETUP	RURD	Doing maintenance changing out swivel and saver sub, RD Cats WOR Rig, & support Equipment.	NORMAL			
20:30	06:00	9.5	POSTSTIM, SET PROD	NONOPS	SHUT_IN	WSI, waiting on Drill out ops on 5H, & 6H.	NORMAL			

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED WELL FLUID	719,673.0		9,899.0		-9,899.0 719,673.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>						
Ref #	End Date	Dur (Net) (hr)	Excl...	Accountable Party	Est Cost (Cost)	Comment

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
PRO OILFIELD SERVICES	1	2/2/2017 12:00	3/4/2017 12:00	WIRELINE
PIONEER PUMPING SERVICES		2/2/2017 14:00	3/4/2017 12:00	PUMPDOWN
PIONEER PUMPING SERVICES	3	2/3/2017 06:00	3/4/2017 18:00	FRAC FLEET
SUPERIOR ENERGY SERVICES LLC	CATS-JAGUAR	3/5/2017 14:30	3/13/2017 20:30	WORKOVER

DIESEL, DYED

Total Received	Total Consumed	Total Returned
154,851.33	154,851.33	0.0

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM
Report Date: 3/14/2017
Report #: 41
AFE #: 040671
Total AFE + Sup: \$8,796,761.00
Cum Field Estimate: \$7,801,221.58
Daily Field Estimate: \$60,625.05

Stimulations Summary

Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company		Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date 2/27/2017 17:15	Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 66	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 717,897.00				Proppant Total (lb) 25,356,043.0	

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCM

3/25/2017

42

040671

\$8,796,761.00

\$7,889,634.27

\$22,055.00

Asset Team Identifier

ID00020002

API/UWI

42-461-40446-0000

Property Sub

949805-004

Field Name

SPRABERRY (TREND AREA)

Open Formation

WOLFCAMP B3 (WFMP B3)

Spud Date

11/10/2016

TD (max) (ftKB)

19,320.0

Job Category

ORIG COMPLETION

Primary Job Type

OCM

Start Date

2/1/2017

End Date

3/4/2017

Job Status

AFE APPROVED

Responsible Grp 2

STIM ENG - MICHAEL THOMAS

Job Dates

Date

Type

Subtype

Note

2/5/2017

MILESTONE

TURN OVER TO PRODUCTION

3/4/2017

MILESTONE

READY TO START (RTS)

3/4/2017

PLAN

STIMULATION END

3/14/2017

PLAN

POST-STIM END

Safety Checks

Time

Type

Des

Tour

Com

17:30

MEETING

PRE-TOUR

NIGHT

Held JSA/R2LB with all personnel on location.

17:30

MEETING

JSA

NIGHT

Held Safety meeting with all crews.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

OWENS, JEREMY

DRILL OUT ENGINEER

214-662-7980

MOYERS, BENNY

ADVISOR

940-389-3334

940-255-8579

PARKER, RANDY

ADVISOR

817-374-2449

940-445-2392

HERMOSILLO, LUIS

FOREMAN

NIGHT

806-202-9909

SHERRILL, BILL

FOREMAN

DAY

817-964-8889

682-205-9577

Personnel Log

Company

Count

PIONEER NATURAL RESOURCES USA INC

2

GLOBE ENERGY SERVICES LLC

10

LONGHORN TUBULAR SERVICES LLC

2

SAGERIDER INC

2

FLOWCO PRODUCTION SOLUTIONS

2

TEAM OIL TOOLS LP

1

ELITE PRODUCTION SERVICES LLC

3

Daily Operations

Operations at Report Time

WSI waiting on Drill out Ops on 6H

Daily Goal Description

Daily Goal - Last 24

Operations Summary

WSI waiting on Drill out Ops on 6H, NU BOP and annular, set base beam, MIRU Globe rig # 41 and support to run production,Function test BOP Test BOP and annular 250 low 4500 high, MU On & Off Tool, Flow Cap and Sage Rider BHA RIH with production Tubing with Priority GLV And Sage rider and flowcap as design, Currently have 125 joints in hole @ report time

Daily Goal for next 24 hours - Finish RIH land pipe ND BOP Flange well RD WOR Pump out disk TOTP

Operations Next Report Period

Finish RIH with production

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

18:00

12

POSTSTIM, SET PROD

NONOPS

PAD

WSI waiting on Drill out OPS on 6H

NORMAL

18:00

19:00

1

POSTSTIM, SET PROD

SETUP

RURD

Nipple up BOP and Annular

NORMAL

19:00

19:00

0

POSTSTIM, SET PROD

SETUP

RURD

Set base beam MIRU Globe WOR #

NORMAL

19:00

21:30

2.5

POSTSTIM, SET PROD

TEST

TEST_BOP

Function test BOP and Annular, test BOP 250 low 4500 high,

NORMAL

21:30

00:00

2.5

POSTSTIM, SET PROD

SETUP

RURD

RU Sage rider and FloCap, Tall pipe, Priority Ran up tally

NORMAL

00:00

06:00

6

POSTSTIM, SET PROD

WORKOVER

WOV_TBG

MU On & Off Tool, Flow Cap and Sage Rider BHA RIH with production Tubing with Priority GLV And Sage rider and flowcap as design

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED

9,899.0

-9,899.0

WELL FLUID

719,673.0

320.0

719,353.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

3/4/2017 12:00

WIRELINE

PIONEER PUMPING SERVICES

2/2/2017 14:00

3/4/2017 12:00

PUMPDOWN

PIONEER PUMPING SERVICES

3

2/3/2017 06:00

3/4/2017 18:00

FRAC FLEET

SUPERIOR ENERGY SERVICES LLC

CATS-JAGUAR

3/5/2017 14:30

3/13/2017 20:30

WORKOVER

GLOBE ENERGY SERVICES

41

3/24/2017 19:00

WORKOVER

DIESEL, DYED

Total Received

154,851.33

Total Consumed

154,851.33

Total Returned

0.0

PIONEER
NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job: OCM

Report Date: 3/25/2017

Report #: 42

AFE #: 040671

Total AFE + Sup: \$8,796,761.00

Cum Field Estimate: \$7,889,634.27

Daily Field Estimate: \$22,055.00

Stimulations Summary

Stim/Treat Company PIONEER PUMPING SERVICES		Diversion Company		Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date 2/27/2017 17:15	Job OCM, 2/1/2017 20:00
Number of Treatment Intervals 66	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 717,897.00				Proppant Total (lb) 25,356,043.0	

PIONEER

NATURAL RESOURCES

UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
3/26/2017
43
040671
\$8,796,761.00
\$8,001,765.62
\$112,131.35

FRAC FLEET / CREW #

Contractor

PIONEER PUMPING SERVICES

Rig #

3

Asset Team Identifier
ID00020002

API/UWI
42-461-40446-0000

Property Sub
949805-004

Field Name
SPRABERRY (TREND AREA)

Open Formation
WOLFCAMP B3 (WFMP B3)

Spud Date
11/10/2016

TD (max) (ftKB)
19,320.0

Job Category
ORIG COMPLETION

Primary Job Type
OCM

Start Date
2/1/2017

End Date
3/4/2017

Job Status
AFE APPROVED

Responsible Grp 2
STIM ENG - MICHAEL THOMAS

Job Dates

Date
2/5/2017

Type
MILESTONE

Subtype
READY TO START (RTS)

Note

Date
3/4/2017

Type
PLAN

Subtype
STIMULATION END

Note

Date
3/14/2017

Type
PLAN

Subtype
POST-STIM END

Note

Date
3/25/2017

Type
MILESTONE

Subtype
TURN OVER TO PRODUCTION

Note

Safety Checks

Time

Type

Des

Tour

Com

06:00

MEETING

PRE-TOUR

DAY

Discuss simops on location, make sure you stay focused and maintain good communication with everyone on location.

06:00

MEETING

JSA

DAY

Held JSA/R2LB with all personnel on location.

17:30

MEETING

PRE-TOUR

NIGHT

Held JSA/R2LB with all personnel on location.

17:30

MEETING

JSA

NIGHT

Held Safety meeting with all crews.

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

OWENS, JEREMY

DRILL OUT ENGINEER

214-662-7980

MOYERS, BENNY

ADVISOR

940-389-3334

940-255-8579

PARKER, RANDY

ADVISOR

817-374-2449

940-445-2392

HERMOSILLO, LUIS

FOREMAN

NIGHT

806-202-9909

SHERRILL, BILL

FOREMAN

DAY

817-964-8889

682-205-9577

Personnel Log

Company

Count

PIONEER NATURAL RESOURCES USA INC

2

GLOBE ENERGY SERVICES LLC

10

LONGHORN TUBULAR SERVICES LLC

2

SAGERIDER INC

2

FLOWCO PRODUCTION SOLUTIONS

2

TEAM OIL TOOLS LP

1

Daily Operations

Operations at Report Time
WSI waiting ot rupture disc

Daily Goal Description

Daily Goal - Last 24

Operations Summary
Continue to RIH with prod tbg, tag packer and space out tbg with 2' pup jt. Make up tbg hanger, install sage rider/flocap connection and land tbg hanger with 15 of compression set on packer. ND BOP, NU prod tree and test, good test. RDMO Globe WSU, secure wellhead. Pumped out disk @ 3500 psi pumped 100 bbls @ 5 b/m @ 2600 psi SIP 1900 psi, LOTO TOTP

Operations Next Report Period
TOTP

Remarks

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

11:00

5

POSTSTIM, SET PROD

WORKOVER

WOV_TBG

Continue to RIH with prod tbg/GLV's, tag packer and space out with 2' sub. Latch onto packer, install tubing hanger and land hanger in wellhead with 15K of compression set on packer.

NORMAL

11:00

12:30

1.5

POSTSTIM, SET PROD

SETUP

RURD

ND BOP stack, NU prod tree and test to 5000 psi and held good.

NORMAL

12:30

14:00

1.5

POSTSTIM, POST OPS

SETUP

RURD

RDMO Globe WSU, secure wellhead and clean location.

NORMAL

14:00

21:00

7

POSTSTIM, POST OPS

NONOPS

PAD

WSI Waiting on ops on 6H

NORMAL

21:00

21:30

0.5

POSTSTIM, POST OPS

SETUP

RURD

RU CATS pump test lines to 4500 psi

NORMAL

21:30

22:00

0.5

POSTSTIM, POST OPS

PUMP DOWN

PD_DISK

Pumped out disk @ 3500 psi pumped 100 bbls @ 5 b/m @ 2600 psi SIP 1900 psi

NORMAL

22:00

22:30

0.5

POSTSTIM, POST OPS

SETUP

RURD

RD CATS pump

NORMAL

Fluid Summary

Fluid

Cum to Well (bbl)

To well (bbl)

Cum from Well (bbl)

From well (bbl)

Left to recover (bbl)

DISPOSED

9,899.0

-9,899.0

WELL FLUID

719,773.0

100.0

320.0

719,453.0

Interval Problems

<Problem Type?>, <Problem Subtype?>, <Problem Description?>, <Start Date?>

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost (Cost)

Comment

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

PRO OILFIELD SERVICES

1

2/2/2017 12:00

3/4/2017 12:00

WIRELIN

PIONEER PUMPING SERVICES

2/2/2017 14:00

3/4/2017 12:00

PUMPDOW

PIONEER PUMPING SERVICES

3

2/3/2017 06:00

3/4/2017 18:00

FRAC FLEET

SUPERIOR ENERGY SERVICES LLC

CATS-JAGUAR

3/5/2017 14:30

3/13/2017 20:30

WORKOVER

GLOBE ENERGY SERVICES

41

3/24/2017 19:00

3/25/2017 13:30

WORKOVER



UNIVERSITY 3-310PU 4H

Job:
Report Date:
Report #:
AFE #:
Total AFE + Sup:
Cum Field Estimate:
Daily Field Estimate:

OCM
3/26/2017
43
040671
\$8,796,761.00
\$8,001,765.62
\$112,131.35

DIESEL, DYED

Total Received 154,851.33	Total Consumed 154,851.33	Total Returned 0.0
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Stimulations Summary

Stim/Treat Company PIONEER PUMPING SERVICES	Diversion Company	Diversion Method COMPOSITE PLUG	Start Date 2/6/2017 02:18	End Date 2/27/2017 17:15	Job OCM, 2/1/2017 20:00
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Number of Treatment Intervals 66	Design Number of Treatment Intervals 66	Volume Clean Total (bbl) 717,897.00	Proppant Total (lb) 25,356,043.0
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Production Tubing

Run Date 3/24/2017	Prop Run? No	Prop Pull? No	Tubing Description TUBING - PRODUCTION	ID (in) 2.44	String Max Nominal... 2 7/8	Wt (lb/ft) 6.50	String Grade L-80	Set Depth (ftKB) 9,003.0
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Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
HANGER	5 1/2	6.50	L-80	0.75	1
TUBING	2 7/8	6.50	L-80	33.05	1
TUBING sub	2 7/8	6.50	L-80	1.95	1
TUBING	2 7/8	6.50	L-80	1,818.03	55
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	992.46	30
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	496.07	15
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	495.92	15
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	529.11	16
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	496.17	15
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	496.25	15
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	495.99	15
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	526.53	16
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	496.08	15
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	495.74	15
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	528.96	16
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	496.34	15
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	430.96	13
X-NIPPLE	3.68	6.50	L-80	1.10	1
TUBING	2 7/8	6.50	L-80	32.70	1
GAS LIFT MANDREL	4.335	6.50	L-80	4.10	1
GAUGE CARRIER	4.17	5.95	L-80	9.40	1
CHEMICAL INJECTION MANDREL	4.335	6.50	L-80	4.10	1
TUBING	2 7/8	6.50	L-80	32.78	1
ON-OFF TOOL	4 1/2	6.50	L-80	1.50	1
PACKER	4 1/2	6.50	L-80	7.80	1
Pump out plug EOT	3 1/4	6.50	L-80	0.45	1