

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

FRAC FLEET / CREW #

Contractor

Rig #

PPS

4

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/2/2020

19

9007340

\$2,503,632.41

\$1,748,790.12

\$144,492.39

SSN

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020479

42-383-40735-0000

SPRABERRY (TREND AREA)

WOLFCAMP A2 (WFMP A2)

11/15/2019

18,198.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCMS

10/23/2020

IN PROGRESS

STIM ENG - NATHAN DEALY

Job Dates

Date

Type

Subtype

Note

10/21/2020

MILESTONE

INITIAL WOPR

10/29/2020

MILESTONE

FINAL WOPR

11/19/2020

MILESTONE

READY TO START (RTS)

12/7/2020

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

DEALY, NATHAN

ENGINEER

432-215-2340

WOODALL, CHARLES

SUPERINTENDE NT

940-636-1062

ROCHELLE, SAMMIE

FIELD ENGINEER

DAY

432-234-7107

VIGIL, SERAFIN

FOREMAN

DAY

210-560-5007

ROBERTS, JOE

FOREMAN

NIGHT

580-736-4046

ROLLO, GLEN

FOREMAN

NIGHT

719-859-3079

Personnel Log

Company

Count

CACTUS WELLHEAD LLC

2

LOUISIANA CRANE & CONSTRUCTION LLC

2

PROPETRO SERVICES INC

25

PERFX WIRELINE SERVICES LLC

10

MANTICORE FUELS LLC

4

PIONEER NATURAL RESOURCES USA INC

4

PURESTREAM SERVICES INC

2

DOWNHOLE CHEMICAL SOLUTIONS LLC

2

UNITED SHUTDOWN SAFETY TEXAS INC

2

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

STIM OPS

STAGES PER DAY

4.0

Operations Summary

FRAC STGS: 43,44,45,46

P/P STGS: 43,44,45,46,47

UTF: N/A

Operations Next Report Period

STIM OPS

Remarks

NO ACCIDENTS OR INCIDENTS

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

06:26

0.44

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 43

NORMAL

06:26

06:47

0.35

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

06:47

08:35

1.8

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

08:35

08:42

0.12

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

43

08:42

09:57

1.25

STIM, OPS

FRAC

STIM

FRAC STG 43

NORMAL

43

09:57

10:04

0.12

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

10:04

10:33

0.48

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 44

NORMAL

10:33

10:56

0.38

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

10:56

13:18

2.36

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

13:18

13:37

0.32

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

44

13:37

14:52

1.25

STIM, OPS

FRAC

STIM

FRAC STG 44

NORMAL

44

14:52

14:58

0.11

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

14:58

15:31

0.55

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 45

NORMAL

15:31

15:54

0.38

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

15:54

18:20

2.43

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

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

OCMS
12/2/2020
19
9007340
\$2,503,632.41
\$1,748,790.12
\$144,492.39

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
18:20	18:35	0.25	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			45
18:35	19:53	1.3	STIM, OPS	FRAC	STIM	FRAC STG 45	NORMAL			45
19:53	20:00	0.11	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
20:00	20:30	0.5	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 46	NORMAL			
20:30	20:50	0.34	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
20:50	00:01	3.19	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
00:01	00:11	0.16	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			46
00:11	01:26	1.25	STIM, OPS	FRAC	STIM	FRAC STG 46	NORMAL			46
01:26	01:43	0.28	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
01:43	01:59	0.27	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
01:59	02:30	0.52	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 47	NORMAL			
02:30	02:54	0.4	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
02:54	05:08	2.23	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
05:08	05:23	0.25	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			47
05:23	06:00	0.61	STIM, OPS	FRAC	STIM	FRAC STG 47 @ RT.	NORMAL			47

Fluid Summary

Fluid	Cum to Well (bbl)	To well (bbl)	Cum from Well (bbl)	From well (bbl)	Left to recover (bbl)
DISPOSED WELL FLUID	341,249.0	28,830.0	442.6		-442.6
					341,249.0

Interval Problems

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

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

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
DYNASTY WIRE LINE	PRESTIM	10/26/2020 06:00	10/30/2020 10:00	WIRELINE
PPS	PRESTIM	10/26/2020 06:00	10/30/2020 10:00	PUMPDOWN
PERFX	STIM	11/18/2020 18:00		WIRELINE
PPS	STIM	11/18/2020 18:00		PUMPDOWN
PPS	4	11/18/2020 18:00		FRAC FLEET

DIESEL, SURFACE RENTALS

Total Received	Total Consumed	Total Returned
3,880.99	3,880.99	0.0

Job Supply Amounts

Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
12/1/2020 13:12	DIESEL	SURFACE RENTALS	437	437	0	3,880.99	3,880.99	0.0

DIESEL, FRAC EQUIPMENT

Total Received	Total Consumed	Total Returned
65,183.0	65,183.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
47	No	CONVENTIONAL PERF	11,128.0	11,129.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
47	No	CONVENTIONAL PERF	11,158.0	11,159.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
47	No	CONVENTIONAL PERF	11,188.0	11,189.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
47	No	CONVENTIONAL PERF	11,218.0	11,219.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
47	No	CONVENTIONAL PERF	11,248.0	11,249.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
46	No	CONVENTIONAL PERF	11,278.0	11,279.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
46	No	CONVENTIONAL PERF	11,308.0	11,309.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
46	No	CONVENTIONAL PERF	11,338.0	11,339.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
46	No	CONVENTIONAL PERF	11,368.0	11,369.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
46	No	CONVENTIONAL PERF	11,398.0	11,399.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1

PIONEER
NATURAL RESOURCES

UNIVERSITY E2-34F 106H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/2/2020

19

9007340

\$2,503,632.41

\$1,748,790.12

\$144,492.39

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	12/1/2020 10:34	4.37	11,712.0	11,714.0			STG 44
No	Yes	FRAC PLUG	12/1/2020 15:31	4.37	11,562.0	11,564.0			STG 45
No	Yes	FRAC PLUG	12/1/2020 20:30	4.37	11,412.0	11,414.0			STG 46
No	Yes	FRAC PLUG	12/2/2020 02:15	4.37	11,262.0	11,264.0			STG 47

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

FRAC FLEET / CREW #

Contractor

Rig #

PPS4

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

OCMS
12/3/2020
20
9007340
\$2,503,632.41
\$1,918,845.46
\$170,055.34

SSN
ID00020479

API/UWI
42-383-40735-0000

Property Sub

Field Name
SPRABERRY (TREND AREA)

Open Formation
WOLFCAMP A2 (WFMP A2)

Spud Date
11/15/2019

TD (max) (ftKB)
18,198.0

Job Category
ORIG COMPLETION

Primary Job Type
OCMS

Start Date
10/23/2020

End Date

Job Status
IN PROGRESS

Responsible Grp 2
STIM ENG - NATHAN DEALY

Job Dates

Date

Type
MILESTONE

Subtype
AAR COMPLETE

Note

Date
10/21/2020

Type
MILESTONE

Subtype
INITIAL WOPR

Note

Date
10/29/2020

Type
MILESTONE

Subtype
FINAL WOPR

Note

Date
11/19/2020

Type
MILESTONE

Subtype
READY TO START (RTS)

Note

Date
12/7/2020

Type
PLAN

Subtype
STIMULATION END

Note

Safety Checks

Time

Type

Des

Tour

Com

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

DEALY, NATHAN

ENGINEER

432-215-2340

WOODALL, CHARLES

SUPERINTENDE
NT

940-636-1062

WOHLEB, CLEMENT JR

FOREMAN

DAY

254-495-1156

BURTS, AJ

ENGINEER

DAY

432-270-5820

ROCHELLE, SAMMIE

FIELD
ENGINEER

NIGHT

432-234-7107

VIGIL, SERAFIN

FOREMAN

NIGHT

210-560-5007

Personnel Log

Company

Count

CACTUS WELLHEAD LLC

2

LOUISIANA CRANE & CONSTRUCTION LLC

2

PROPETRO SERVICES INC

25

PERFX WIRELINE SERVICES LLC

10

MANTICORE FUELS LLC

4

PIONEER NATURAL RESOURCES USA INC

4

PURESTREAM SERVICES INC

2

DOWNHOLE CHEMICAL SOLUTIONS LLC

2

UNITED SHUTDOWN SAFETY TEXAS INC

2

Daily Operations

Operations at Report Time
STIM OPS

Daily Goal Description
STAGES PER DAY

Daily Goal - Last 24
4.0

Operations Summary
FRAC STGS: 47,48,49,50,51
P/P STGS: 48,49,50,51,52
UTF: N/A

Operations Next Report Period
STIM OPS

Remarks
NO ACCIDENTS OR INCIDENTS

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

0.67

STIM, OPS

FRAC

STIM

FRAC STG 47

NORMAL

47

06:40

06:50

0.17

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

06:50

07:20

0.5

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 48

NORMAL

07:20

07:44

0.4

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

07:44

10:05

2.35

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

10:05

10:22

0.28

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

48

10:22

11:44

1.37

STIM, OPS

FRAC

STIM

FRAC STG 48

NORMAL

48

11:44

11:53

0.15

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

11:53

12:21

0.47

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 49

NORMAL

12:21

12:47

0.43

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

12:47

15:55

3.14

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

15:55

16:05

0.16

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

49

16:05

17:25

1.34

STIM, OPS

FRAC

STIM

FRAC STG 49

NORMAL

49

17:25

17:29

0.06

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

17:29

18:05

0.6

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 50

NORMAL

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

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

OCMS
12/3/2020
20
9007340
\$2,503,632.41
\$1,918,845.46
\$170,055.34

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
18:05	18:26	0.35	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
18:26	20:45	2.31	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
20:45	20:56	0.19	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			50
20:56	22:17	1.35	STIM, OPS	FRAC	STIM	FRAC STG 50	NORMAL			50
22:17	22:28	0.18	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
22:28	22:55	0.45	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 51	NORMAL			
22:55	23:15	0.34	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
23:15	01:53	2.63	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
01:53	02:12	0.31	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			51
02:12	03:28	1.28	STIM, OPS	FRAC	STIM	FRAC STG 51	NORMAL			51
03:28	03:40	0.2	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
03:40	04:07	0.44	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 52	NORMAL			
04:07	04:28	0.35	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
04:28	06:00	1.53	STIM, OPS	NONOPS	PAD	WAIT ON 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			442.6		-442.6
WELL FLUID	377,440.0	36,191.0			377,440.0

Interval Problems

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

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

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
DYNASTY WIRE LINE	PRESTIM	10/26/2020 06:00	10/30/2020 10:00	WIRELINE
PPS	PRESTIM	10/26/2020 06:00	10/30/2020 10:00	PUMPDOWN
PERFX	STIM	11/18/2020 18:00		WIRELINE
PPS	STIM	11/18/2020 18:00		PUMPDOWN
PPS	4	11/18/2020 18:00		FRAC FLEET

DIESEL, SURFACE RENTALS

Total Received	Total Consumed	Total Returned
4,162.657	4,162.657	0.0

Job Supply Amounts

Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
12/2/2020 14:05	DIESEL	SURFACE RENTALS	282	282		4,162.657	4,162.657	0.0

DIESEL, FRAC EQUIPMENT

Total Received	Total Consumed	Total Returned
83,910.0	83,910.0	0.0

Job Supply Amounts

Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
12/2/2020 07:00	DIESEL	FRAC EQUIPMENT	9,379	9,379		74,562.0	74,562.0	0.0
12/3/2020 04:20	DIESEL	FRAC EQUIPMENT	9,348	9,348	0	83,910.0	83,910.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
52	No	CONVENTIONAL PERF	10,378.0	10,379.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
52	No	CONVENTIONAL PERF	10,408.0	10,409.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
52	No	CONVENTIONAL PERF	10,438.0	10,439.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
52	No	CONVENTIONAL PERF	10,468.0	10,469.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
52	No	CONVENTIONAL PERF	10,498.0	10,499.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
51	No	CONVENTIONAL PERF	10,528.0	10,529.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
51	No	CONVENTIONAL PERF	10,558.0	10,559.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
51	No	CONVENTIONAL PERF	10,588.0	10,589.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3

PIONEER
NATURAL RESOURCES

UNIVERSITY E2-34F 106H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/3/2020

20

9007340

\$2,503,632.41

\$1,918,845.46

\$170,055.34

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
51	No	CONVENTIONAL PERF	10,618.0	10,619.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
51	No	CONVENTIONAL PERF	10,648.0	10,649.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
50	No	CONVENTIONAL PERF	10,678.0	10,679.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
50	No	CONVENTIONAL PERF	10,708.0	10,709.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
50	No	CONVENTIONAL PERF	10,738.0	10,739.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
50	No	CONVENTIONAL PERF	10,768.0	10,769.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
50	No	CONVENTIONAL PERF	10,798.0	10,799.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
49	No	CONVENTIONAL PERF	10,828.0	10,829.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
49	No	CONVENTIONAL PERF	10,858.0	10,859.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
49	No	CONVENTIONAL PERF	10,888.0	10,889.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
49	No	CONVENTIONAL PERF	10,918.0	10,919.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
49	No	CONVENTIONAL PERF	10,948.0	10,949.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
48	No	CONVENTIONAL PERF	10,978.0	10,979.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
48	No	CONVENTIONAL PERF	11,008.0	11,009.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
48	No	CONVENTIONAL PERF	11,038.0	11,039.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
48	No	CONVENTIONAL PERF	11,068.0	11,069.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
48	No	CONVENTIONAL PERF	11,098.0	11,099.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1

Stimulations Summary

Stim/Treat Company PROPETRO		Diversion Company CACTUS WELLHEAD LLC		Diversion Method COMPOSITE PLUG		Start Date 11/19/2020 12:09		End Date		Job OCMS, 10/23/2020 06:00	
Number of Treatment Intervals 51		Design Number of Treatment Intervals 65		Volume Clean Total (bbl) 376,237.00				Proppant Total (lb) 15,332,736.5			

Stimulation Intervals

Frac Stage 48 on 12/2/2020 10:22

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/2/2020		String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 10,978.0	Bottom Depth (ftKB) 11,099.0
Post Job Frac Gradient (...) 0.80		Pump Power Max (hp) Proppant Designed (lb)		Proppant In Formation (lb) 301,812.0	Proppant In Wellbore (lb)	Proppant Total (lb) 301,812.0		Clean Volume Design (bbl)	Total Clean Volume (bbl) 7,267.00
Open Wellhead (psi) 1,797.0	Final ISIP (psi) 2,957.0	Close Wellhead (psi) 2,766.0	Breakdown Pressure (psi) 4,482.0	Max Treating Pressure (...) 9,197.0	Avg Treating Pressure (...) 8,548.0	Max Slurry Rate (bbl/min) 105	Avg Slurry Rate (bbl/min) 102		

Comment
Stage#48 PTD BIP YES

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	12/2/2020 10:22	12/2/2020 10:33	326.00	326.00				
SLURRY	12/2/2020 10:33	12/2/2020 10:42	742.00	1,068.00	BROWN, 100 MESH		7,791.0	7,791.0
SLURRY	12/2/2020 10:42	12/2/2020 10:46	524.00	1,592.00	BROWN, 100 MESH		5,502.0	13,293.0
SLURRY	12/2/2020 10:46	12/2/2020 10:51	526.00	2,118.00	BROWN, 100 MESH		11,046.0	24,339.0
SLURRY	12/2/2020 10:51	12/2/2020 10:56	524.00	2,642.00	BROWN, 100 MESH		16,506.0	40,845.0
SLURRY	12/2/2020 10:56	12/2/2020 11:06	977.00	3,619.00	BROWN, 100 MESH		41,034.0	81,879.0
SLURRY	12/2/2020 11:06	12/2/2020 11:18	1,188.00	4,807.00	BROWN, 100 MESH		74,844.0	156,723.0
SLURRY	12/2/2020 11:18	12/2/2020 11:31	1,198.00	6,005.00	BROWN, 100 MESH		82,347.0	239,070.0
SLURRY	12/2/2020 11:31	12/2/2020 11:35	478.00	6,483.00	BROWN, 40/70		35,133.0	274,203.0
SLURRY	12/2/2020 11:35	12/2/2020 11:39	359.00	6,842.00	BROWN, 40/70		27,609.0	301,812.0
FLUSH	12/2/2020 11:39	12/2/2020 11:44	320.00	7,162.00				301,812.0
PUMP DOWN	12/2/2020 12:21	12/2/2020 12:26	105.00	7,267.00				301,812.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 49 on 12/2/2020 16:05

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/2/2020		String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 10,828.0	Bottom Depth (ftKB) 10,949.0
Post Job Frac Gradient (...) 0.89		Pump Power Max (hp) Proppant Designed (lb)		Proppant In Formation (lb) 300,669.0	Proppant In Wellbore (lb)	Proppant Total (lb) 300,669.0		Clean Volume Design (bbl)	Total Clean Volume (bbl) 7,194.00
Open Wellhead (psi) 1,696.0	Final ISIP (psi) 3,733.0	Close Wellhead (psi) 2,899.0	Breakdown Pressure (psi) 5,693.0	Max Treating Pressure (...) 9,372.0	Avg Treating Pressure (...) 8,744.0	Max Slurry Rate (bbl/min) 106	Avg Slurry Rate (bbl/min) 102		

Comment
Stage#49 PTD BIP YES

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/3/2020

20

9007340

\$2,503,632.41

\$1,918,845.46

\$170,055.34

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	12/2/2020 16:05	12/2/2020 16:11	206.00	206.00				
SLURRY	12/2/2020 16:11	12/2/2020 16:17	619.00	825.00	BROWN, 100 MESH		6,499.5	6,499.5
SLURRY	12/2/2020 16:17	12/2/2020 16:22	523.00	1,348.00	BROWN, 100 MESH		5,491.5	11,991.0
SLURRY	12/2/2020 16:22	12/2/2020 16:27	535.00	1,883.00	BROWN, 100 MESH		11,235.0	23,226.0
SLURRY	12/2/2020 16:27	12/2/2020 16:32	521.00	2,404.00	BROWN, 100 MESH		16,411.0	39,637.0
SLURRY	12/2/2020 16:32	12/2/2020 16:42	976.00	3,380.00	BROWN, 100 MESH		40,992.0	80,629.0
SLURRY	12/2/2020 16:42	12/2/2020 16:54	1,197.00	4,577.00	BROWN, 100 MESH		75,411.0	156,040.0
SLURRY	12/2/2020 16:54	12/2/2020 17:07	1,315.00	5,892.00	BROWN, 100 MESH		84,564.0	240,604.0
SLURRY	12/2/2020 17:07	12/2/2020 17:12	475.00	6,367.00	BROWN, 40/70		34,912.0	275,516.0
SLURRY	12/2/2020 17:12	12/2/2020 17:16	371.00	6,738.00	BROWN, 40/70		25,153.0	300,669.0
FLUSH	12/2/2020 17:16	12/2/2020 17:20	321.00	7,059.00				300,669.0
PUMP DOWN	12/2/2020 17:57	12/2/2020 18:04	135.00	7,194.00				300,669.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 50 on 12/2/2020 20:56

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/2/2020	String (Deployment Method) PRODUCTION, 18,184.0ftKB			Top Depth (ftKB) 10,678.0	Bottom Depth (ftKB) 10,799.0
Post Job Frac Gradient (...)	Pump Power Max (hp) 0.87	Proppant Designed (lb)	Proppant In Formation (lb) 300,571.0	Proppant In Wellbore (lb)	Proppant Total (lb) 300,571.0	Clean Volume Design (bbl)	Total Clean Volume (bbl) 7,310.00
Open Wellhead (psi) 1,965.0	Final ISIP (psi) 3,536.0	Close Wellhead (psi) 2,490.0	Breakdown Pressure (psi) 5,631.0	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min) 106	Avg Slurry Rate (bbl/min) 101

Comment

Stage# PTD

BIP: YES

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	12/2/2020 20:56	12/2/2020 21:06	325.00	325.00				
SLURRY	12/2/2020 21:06	12/2/2020 21:11	505.00	830.00	BROWN, 100 MESH		5,302.0	5,302.0
SLURRY	12/2/2020 21:11	12/2/2020 21:16	522.00	1,352.00	BROWN, 100 MESH		5,481.0	10,783.0
SLURRY	12/2/2020 21:16	12/2/2020 21:21	522.00	1,874.00	BROWN, 100 MESH		10,962.0	21,745.0
SLURRY	12/2/2020 21:21	12/2/2020 21:26	528.00	2,402.00	BROWN, 100 MESH		16,632.0	38,377.0
SLURRY	12/2/2020 21:26	12/2/2020 21:37	973.00	3,375.00	BROWN, 100 MESH		40,866.0	79,243.0
SLURRY	12/2/2020 21:37	12/2/2020 21:49	1,191.00	4,566.00	BROWN, 100 MESH		75,033.0	154,276.0
SLURRY	12/2/2020 21:49	12/2/2020 22:02	1,298.00	5,864.00	BROWN, 100 MESH		86,478.0	240,754.0
SLURRY	12/2/2020 22:02	12/2/2020 22:08	476.00	6,340.00	BROWN, 40/70		34,986.0	275,740.0
SLURRY	12/2/2020 22:08	12/2/2020 22:13	532.00	6,872.00	BROWN, 40/70		24,831.0	300,571.0
FLUSH	12/2/2020 22:13	12/2/2020 22:17	320.00	7,192.00				300,571.0
PUMP DOWN	12/2/2020 22:48	12/2/2020 22:55	118.00	7,310.00				300,571.0

Proppants

Type	Des	Sand Size
BROWN	100 MESH BROWN	100 MESH
BROWN	40/70 BROWN	40/70

Frac Stage 51 on 12/3/2020 02:12

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/3/2020	String (Deployment Method) PRODUCTION, 18,184.0ftKB			Top Depth (ftKB) 10,528.0	Bottom Depth (ftKB) 10,649.0
Post Job Frac Gradient (...)	Pump Power Max (hp) 0.87	Proppant Designed (lb)	Proppant In Formation (lb) 301,437.0	Proppant In Wellbore (lb)	Proppant Total (lb) 301,437.0	Clean Volume Design (bbl)	Total Clean Volume (bbl) 7,302.00
Open Wellhead (psi) 2,410.0	Final ISIP (psi) 3,580.0	Close Wellhead (psi) 2,630.0	Breakdown Pressure (psi) 4,337.0	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min) 105	Avg Slurry Rate (bbl/min) 101

Comment

Stage#51 PTD BIP YES

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	12/3/2020 02:12	12/3/2020 02:19	325.00	325.00				
SLURRY	12/3/2020 02:19	12/3/2020 02:24	506.00	831.00	BROWN, 100 MESH		5,313.0	5,313.0
SLURRY	12/3/2020 02:24	12/3/2020 02:29	520.00	1,351.00	BROWN, 100 MESH		5,460.0	10,773.0
SLURRY	12/3/2020 02:29	12/3/2020 02:34	524.00	1,875.00	BROWN, 100 MESH		11,004.0	21,777.0
SLURRY	12/3/2020 02:34	12/3/2020 02:39	524.00	2,399.00	BROWN, 100 MESH		16,506.0	38,283.0
SLURRY	12/3/2020 02:39	12/3/2020 02:49	974.00	3,373.00	BROWN, 100 MESH		40,908.0	79,191.0
SLURRY	12/3/2020 02:49	12/3/2020 03:01	1,192.00	4,565.00	BROWN, 100 MESH		75,096.0	154,287.0
SLURRY	12/3/2020 03:01	12/3/2020 03:16	1,459.00	6,024.00	BROWN, 100 MESH		85,940.0	240,227.0
SLURRY	12/3/2020 03:16	12/3/2020 03:21	475.00	6,499.00	BROWN, 40/70		34,912.0	275,139.0
SLURRY	12/3/2020 03:21	12/3/2020 03:24	355.00	6,854.00	BROWN, 40/70		26,298.0	301,437.0
FLUSH	12/3/2020 03:24	12/3/2020 03:28	330.00	7,184.00				301,437.0
PUMP DOWN	12/3/2020 04:00	12/3/2020 04:06	118.00	7,302.00				301,437.0

Proppants

Type	Des	Sand Size
BROWN	100 MESH BROWN	100 MESH
BROWN	40/70 BROWN	40/70

PIONEER
NATURAL RESOURCES

UNIVERSITY E2-34F 106H

Job:OCMS

Report Date:12/3/2020

Report #:20

AFE #:9007340

Total AFE + Sup:\$2,503,632.41

Cum Field Estimate:\$1,918,845.46

Daily Field Estimate:\$170,055.34

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	12/2/2020 07:20	4.37	11,112.0	11,114.0			STG 48
No	Yes	FRAC PLUG	12/2/2020 12:27	4.37	10,962.0	10,964.0			STG 49
No	Yes	FRAC PLUG	12/2/2020 18:05	4.37	10,812.0	10,814.0			STG 50
No	Yes	FRAC PLUG	12/2/2020 22:56	4.37	10,662.0	10,664.0			STG 51
No	Yes	FRAC PLUG	12/3/2020 04:07	4.37	10,512.0	10,514.0			STG 52

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

FRAC FLEET / CREW #

Contractor

Rig #

PPS

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/4/2020

21

9007340

\$2,503,632.41

\$2,079,084.44

\$160,238.98

SSN

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020479

42-383-40735-0000

SPRABERRY (TREND AREA)

WOLFCAMP A2 (WFMP A2)

11/15/2019

18,198.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCMS

10/23/2020

IN PROGRESS

STIM ENG - NATHAN DEALY

Job Dates

Date

Type

Subtype

Note

10/21/2020

MILESTONE

INITIAL WOPR

10/29/2020

MILESTONE

FINAL WOPR

11/19/2020

MILESTONE

READY TO START (RTS)

12/7/2020

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

DEALY, NATHAN

ENGINEER

432-215-2340

WOODALL, CHARLES

SUPERINTENDE NT

940-636-1062

WOHLEB, CLEMENT JR

FOREMAN

DAY

254-495-1156

BURTS, AJ

ENGINEER

DAY

432-270-5820

ROCHELLE, SAMMIE

FIELD ENGINEER

NIGHT

432-234-7107

VIGIL, SERAFIN

FOREMAN

NIGHT

210-560-5007

Personnel Log

Company

Count

CACTUS WELLHEAD LLC

2

LOUISIANA CRANE & CONSTRUCTION LLC

2

PROPETRO SERVICES INC

25

PERFX WIRELINE SERVICES LLC

10

MANTICORE FUELS LLC

4

PIONEER NATURAL RESOURCES USA INC

4

PURESTREAM SERVICES INC

2

DOWNHOLE CHEMICAL SOLUTIONS LLC

2

UNITED SHUTDOWN SAFETY TEXAS INC

2

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

STIM OPS

STAGES PER DAY

4.0

Operations Summary

FRAC STGS: 52,53,54,55,56

P/P STGS: 53,54,55,56,57

UTF: N/A

Operations Next Report Period

STIM OPS

Remarks

NO ACCIDENTS OR INCIDENTS

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

07:04

1.07

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

07:04

07:16

0.2

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

52

07:16

08:34

1.3

STIM, OPS

FRAC

STIM

FRAC STG 52

NORMAL

52

08:34

08:43

0.15

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

08:43

09:14

0.52

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 53

NORMAL

09:14

09:38

0.4

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

09:38

12:07

2.49

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

12:07

12:18

0.18

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

53

12:18

13:34

1.26

STIM, OPS

FRAC

STIM

FRAC STG 53

NORMAL

53

13:34

13:44

0.17

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

13:44

14:14

0.5

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 54

NORMAL

14:14

14:34

0.33

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

14:34

16:54

2.34

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

16:54

17:06

0.19

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

54

17:06

18:32

1.44

STIM, OPS

FRAC

STIM

FRAC STG 54

NORMAL

54

Job:	OCMS
Report Date:	12/4/2020
Report #:	21
AFE #:	9007340
Total AFE + Sup:	\$2,503,632.41
Cum Field Estimate:	\$2,079,084.44
Daily Field Estimate:	\$160,238.98

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

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

OCMS
12/4/2020
21
9007340
\$2,503,632.41
\$2,079,084.44
\$160,238.98

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
55	No	CONVENTIONAL PERF	9,988.0	9,989.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
55	No	CONVENTIONAL PERF	10,018.0	10,019.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
55	No	CONVENTIONAL PERF	10,048.0	10,049.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
54	No	CONVENTIONAL PERF	10,078.0	10,079.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
54	No	CONVENTIONAL PERF	10,108.0	10,109.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
54	No	CONVENTIONAL PERF	10,138.0	10,139.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
54	No	CONVENTIONAL PERF	10,168.0	10,169.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
54	No	CONVENTIONAL PERF	10,198.0	10,199.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
53	No	CONVENTIONAL PERF	10,228.0	10,229.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
53	No	CONVENTIONAL PERF	10,258.0	10,259.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
53	No	CONVENTIONAL PERF	10,288.0	10,289.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
53	No	CONVENTIONAL PERF	10,318.0	10,319.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
53	No	CONVENTIONAL PERF	10,348.0	10,349.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1

Stimulations Summary

Stim/Treat Company PROPETRO		Diverson Company CACTUS WELLHEAD LLC		Diverson Method COMPOSITE PLUG		Start Date 11/19/2020 12:09		End Date		Job OCMS, 10/23/2020 06:00	
Number of Treatment Intervals 56		Design Number of Treatment Intervals 65		Volume Clean Total (bbl) 413,435.00				Proppant Total (lb) 16,841,146.5			

Stimulation Intervals

Frac Stage 52 on 12/3/2020 07:16

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/3/2020		String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 10,378.0		Bottom Depth (ftKB) 10,499.0				
Post Job Frac Gradient (...)		Pump Power Max (hp) 0.76		Proppant Designed (lb)		Proppant In Formation (lb) 303,283.0		Proppant In Wellbore (lb)		Proppant Total (lb) 303,283.0		Clean Volume Design (bbl)	Total Clean Volume (bbl) 6,879.00	
Open Wellhead (psi) 1,775.0		Final ISIP (psi) 2,656.0		Close Wellhead (psi) 2,471.0		Breakdown Pressure (psi) 5,919.0		Max Treating Pressure (...) 9,175.0		Avg Treating Pressure (...) 8,693.0		Max Slurry Rate (bbl/min) 106		Avg Slurry Rate (bbl/min) 101
Comment Stage#52 PTD BIP YES														

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	12/3/2020 07:16	12/3/2020 07:22	203.00	203.00				
SLURRY	12/3/2020 07:22	12/3/2020 07:29	634.00	837.00	BROWN, 100 MESH		6,657.0	6,657.0
SLURRY	12/3/2020 07:29	12/3/2020 07:34	524.00	1,361.00	BROWN, 100 MESH		5,502.0	12,159.0
SLURRY	12/3/2020 07:34	12/3/2020 07:39	523.00	1,884.00	BROWN, 100 MESH		10,983.0	23,142.0
SLURRY	12/3/2020 07:39	12/3/2020 07:44	525.00	2,409.00	BROWN, 100 MESH		16,537.0	39,679.0
SLURRY	12/3/2020 07:44	12/3/2020 07:54	977.00	3,386.00	BROWN, 100 MESH		41,034.0	80,713.0
SLURRY	12/3/2020 07:54	12/3/2020 08:06	1,191.00	4,577.00	BROWN, 100 MESH		75,033.0	155,746.0
SLURRY	12/3/2020 08:06	12/3/2020 08:17	1,055.00	5,632.00	BROWN, 100 MESH		85,719.0	241,465.0
SLURRY	12/3/2020 08:17	12/3/2020 08:21	477.00	6,109.00	BROWN, 40/70		35,059.5	276,524.5
SLURRY	12/3/2020 08:21	12/3/2020 08:25	353.00	6,462.00	BROWN, 40/70		26,758.5	303,283.0
FLUSH	12/3/2020 08:25	12/3/2020 08:34	318.00	6,780.00				303,283.0
PUMP DOWN	12/3/2020 09:09	12/3/2020 09:14	99.00	6,879.00				303,283.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 53 on 12/3/2020 12:18

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/3/2020		String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 10,228.0		Bottom Depth (ftKB) 10,349.0				
Post Job Frac Gradient (...)		Pump Power Max (hp) 0.83		Proppant Designed (lb)		Proppant In Formation (lb) 300,570.0		Proppant In Wellbore (lb)		Proppant Total (lb) 300,570.0		Clean Volume Design (bbl)	Total Clean Volume (bbl) 7,084.00	
Open Wellhead (psi) 1,816.0		Final ISIP (psi) 3,231.0		Close Wellhead (psi) 2,974.0		Breakdown Pressure (psi) 5,132.0		Max Treating Pressure (...) 9,183.0		Avg Treating Pressure (...) 8,634.0		Max Slurry Rate (bbl/min) 106		Avg Slurry Rate (bbl/min) 102
Comment Stage#53 PTD BIP														

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	12/3/2020 12:18	12/3/2020 12:26	311.00	311.00				
SLURRY	12/3/2020 12:26	12/3/2020 12:31	530.00	841.00	BROWN, 100 MESH		5,565.0	5,565.0
SLURRY	12/3/2020 12:31	12/3/2020 12:36	522.00	1,363.00	BROWN, 100 MESH		5,481.0	11,046.0
SLURRY	12/3/2020 12:36	12/3/2020 12:42	528.00	1,891.00	BROWN, 100 MESH		11,088.0	22,134.0
SLURRY	12/3/2020 12:42	12/3/2020 12:46	524.00	2,415.00	BROWN, 100 MESH		16,506.0	38,640.0
SLURRY	12/3/2020 12:46	12/3/2020 12:56	977.00	3,392.00	BROWN, 100 MESH		41,034.0	79,674.0

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/4/2020

21

9007340

\$2,503,632.41

\$2,079,084.44

\$160,238.98

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	12/3/2020 12:56	12/3/2020 13:08	1,191.00	4,583.00	BROWN, 100 MESH		75,033.0	154,707.0
SLURRY	12/3/2020 13:08	12/3/2020 13:22	1,251.00	5,834.00	BROWN, 100 MESH		84,529.0	239,236.0
SLURRY	12/3/2020 13:22	12/3/2020 13:26	475.00	6,309.00	BROWN, 40/70		34,912.5	274,148.5
SLURRY	12/3/2020 13:26	12/3/2020 13:30	380.00	6,689.00	BROWN, 40/70		26,421.5	300,570.0
FLUSH	12/3/2020 13:30	12/3/2020 13:33	305.00	6,994.00				300,570.0
PUMP DOWN	12/3/2020 14:09	12/3/2020 14:14	90.00	7,084.00				300,570.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 54 on 12/3/2020 17:06

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/3/2020	String (Deployment Method) PRODUCTION, 18,184.0ftKB	Top Depth (ftKB) 10,078.0	Bottom Depth (ftKB) 10,199.0		
Post Job Frac Gradient (...)	Pump Power Max (hp) 0.91	Proppant Designed (lb)	Proppant In Formation (lb) 301,879.0	Proppant In Wellbore (lb)	Proppant Total (lb) 301,879.0	Clean Volume Design (bbl)	Total Clean Volume (bbl) 8,040.00
Open Wellhead (psi) 2,377.0	Final ISIP (psi) 3,919.0	Close Wellhead (psi) 3,036.0	Breakdown Pressure (psi) 6,421.0	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min) 107	Avg Slurry Rate (bbl/min) 100

Comment

Stage#54 PTD BIP = YES

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	12/3/2020 17:06	12/3/2020 17:11	230.00	230.00				
SLURRY	12/3/2020 17:11	12/3/2020 17:18	610.00	840.00	BROWN, 100 MESH		6,405.0	6,405.0
SLURRY	12/3/2020 17:18	12/3/2020 17:23	524.00	1,364.00	BROWN, 100 MESH		5,502.0	11,907.0
SLURRY	12/3/2020 17:23	12/3/2020 17:28	522.00	1,886.00	BROWN, 100 MESH		10,962.0	22,869.0
SLURRY	12/3/2020 17:28	12/3/2020 17:34	523.00	2,409.00	BROWN, 100 MESH		16,474.0	39,343.0
SLURRY	12/3/2020 17:34	12/3/2020 17:44	976.00	3,385.00	BROWN, 100 MESH		40,992.0	80,335.0
SLURRY	12/3/2020 17:44	12/3/2020 17:55	1,187.00	4,572.00	BROWN, 100 MESH		74,781.0	155,116.0
SLURRY	12/3/2020 17:55	12/3/2020 17:56	1,142.00	5,714.00	BROWN, 100 MESH		86,084.0	241,200.0
SLURRY	12/3/2020 17:56	12/3/2020 17:57	100.00	5,814.00	BROWN, 40/70		12,106.0	253,306.0
SWEEP	12/3/2020 17:57	12/3/2020 18:17	770.00	6,584.00				253,306.0
SLURRY	12/3/2020 18:17	12/3/2020 18:18	174.00	6,758.00	BROWN, 40/70		1,827.0	255,133.0
SLURRY	12/3/2020 18:18	12/3/2020 18:19	121.00	6,879.00	BROWN, 40/70		2,541.0	257,674.0
SLURRY	12/3/2020 18:19	12/3/2020 18:20	105.00	6,984.00	BROWN, 40/70		3,307.0	260,981.0
SLURRY	12/3/2020 18:20	12/3/2020 18:21	135.00	7,119.00	BROWN, 40/70		5,670.0	266,651.0
SLURRY	12/3/2020 18:21	12/3/2020 18:22	85.00	7,204.00	BROWN, 40/70		5,355.0	272,006.0
SLURRY	12/3/2020 18:22	12/3/2020 18:26	106.00	7,310.00	BROWN, 40/70		7,791.0	279,797.0
SLURRY	12/3/2020 18:26	12/3/2020 18:28	323.00	7,633.00	BROWN, 40/70		22,082.0	301,879.0
FLUSH	12/3/2020 18:28	12/3/2020 18:32	303.00	7,936.00				301,879.0
PUMP DOWN	12/3/2020 19:04	12/3/2020 19:09	104.00	8,040.00				301,879.0

Proppants

Type	Des	Sand Size
BROWN	100 MESH BROWN	100 MESH
BROWN	40/70 BROWN	40/70

Frac Stage 55 on 12/3/2020 22:29

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/3/2020	String (Deployment Method) PRODUCTION, 18,184.0ftKB	Top Depth (ftKB) 9,928.0	Bottom Depth (ftKB) 10,049.0		
Post Job Frac Gradient (...)	Pump Power Max (hp) 0.90	Proppant Designed (lb)	Proppant In Formation (lb) 300,284.0	Proppant In Wellbore (lb)	Proppant Total (lb) 300,284.0	Clean Volume Design (bbl)	Total Clean Volume (bbl) 7,017.00
Open Wellhead (psi) 2,308.0	Final ISIP (psi) 3,834.0	Close Wellhead (psi) 2,600.0	Breakdown Pressure (psi) 5,262.0	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min) 106	Avg Slurry Rate (bbl/min) 101

Comment

Stage#55 PTD BIP: YES

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	12/3/2020 22:29	12/3/2020 22:38	475.00	475.00				
SLURRY	12/3/2020 22:38	12/3/2020 22:41	332.00	807.00	BROWN, 100 MESH		3,486.0	3,486.0
SLURRY	12/3/2020 22:41	12/3/2020 22:46	525.00	1,332.00	BROWN, 100 MESH		5,512.5	8,998.5
SLURRY	12/3/2020 22:46	12/3/2020 22:51	525.00	1,857.00	BROWN, 100 MESH		11,025.0	20,023.5
SLURRY	12/3/2020 22:51	12/3/2020 22:56	541.00	2,398.00	BROWN, 100 MESH		17,041.5	37,065.0
SLURRY	12/3/2020 22:56	12/3/2020 23:06	980.00	3,378.00	BROWN, 100 MESH		41,160.0	78,225.0
SLURRY	12/3/2020 23:06	12/3/2020 23:18	1,188.00	4,566.00	BROWN, 100 MESH		74,844.0	153,069.0
SLURRY	12/3/2020 23:18	12/3/2020 23:30	1,254.00	5,820.00	BROWN, 100 MESH		86,939.0	240,008.0
SLURRY	12/3/2020 23:30	12/3/2020 23:36	474.00	6,294.00	BROWN, 40/70		34,839.0	274,847.0
SLURRY	12/3/2020 23:36	12/3/2020 23:39	328.00	6,622.00	BROWN, 40/70		25,437.0	300,284.0
FLUSH	12/3/2020 23:39	12/3/2020 23:42	306.00	6,928.00				300,284.0
PUMP DOWN	12/4/2020 00:15	12/4/2020 00:21	89.00	7,017.00				300,284.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

PIONEER
NATURAL RESOURCES

UNIVERSITY E2-34F 106H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/4/2020

21

9007340

\$2,503,632.41

\$2,079,084.44

\$160,238.98

Stimulation Intervals

Frac Stage 56 on 12/4/2020 03:30

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/4/2020	String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 9,778.0	Bottom Depth (ftKB) 9,899.0
Post Job Frac Gradient (...) 0.81		Pump Power Max (hp)	Proppant Designed (lb)	Proppant In Formation (lb) 302,394.0	Proppant In Wellbore (lb)	Proppant Total (lb) 302,394.0	Clean Volume Design (bbl)	Total Clean Volume (bbl) 8,178.00
Open Wellhead (psi) 1,970.0		Final ISIP (psi) 3,066.0	Close Wellhead (psi) 2,677.0	Breakdown Pressure (psi) 4,878.0	Max Treating Pressure (...) 9,252.0	Avg Treating Pressure (...) 8,694.0	Max Slurry Rate (bbl/min) 106	Avg Slurry Rate (bbl/min) 100

Comment
Stage#56 PTD BIP YES

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	12/4/2020 03:30	12/4/2020 03:40	414.00	414.00				
SLURRY	12/4/2020 03:40	12/4/2020 03:43	423.00	837.00	BROWN, 100 MESH		4,441.5	4,441.5
SLURRY	12/4/2020 03:43	12/4/2020 03:48	525.00	1,362.00	BROWN, 100 MESH		5,512.5	9,954.0
SLURRY	12/4/2020 03:48	12/4/2020 03:53	526.00	1,888.00	BROWN, 100 MESH		11,046.0	21,000.0
SLURRY	12/4/2020 03:53	12/4/2020 03:58	461.00	2,349.00	BROWN, 100 MESH		14,521.5	35,521.5
SWEEP	12/4/2020 03:58	12/4/2020 04:02	415.00	2,764.00				35,521.5
SWEEP	12/4/2020 04:02	12/4/2020 04:09	214.00	2,978.00				35,521.5
SLURRY	12/4/2020 04:09	12/4/2020 04:17	183.00	3,161.00	BROWN, 100 MESH		1,921.5	37,443.0
SLURRY	12/4/2020 04:17	12/4/2020 04:19	192.00	3,353.00	BROWN, 100 MESH		4,032.0	41,475.0
SLURRY	12/4/2020 04:19	12/4/2020 04:22	182.00	3,535.00	BROWN, 100 MESH		5,733.0	47,208.0
SLURRY	12/4/2020 04:22	12/4/2020 04:29	634.00	4,169.00	BROWN, 100 MESH		26,628.0	73,836.0
SLURRY	12/4/2020 04:29	12/4/2020 04:41	1,193.00	5,362.00	BROWN, 100 MESH		75,159.0	148,995.0
SLURRY	12/4/2020 04:41	12/4/2020 04:56	1,468.00	6,830.00	BROWN, 100 MESH		92,295.0	241,290.0
SLURRY	12/4/2020 04:56	12/4/2020 05:01	475.00	7,305.00	BROWN, 40/70		34,912.5	276,202.5
SLURRY	12/4/2020 05:01	12/4/2020 05:06	482.00	7,787.00	BROWN, 40/70		26,191.5	302,394.0
FLUSH	12/4/2020 05:06	12/4/2020 05:11	296.00	8,083.00				302,394.0
PUMP DOWN	12/4/2020 05:40	12/4/2020 05:45	95.00	8,178.00				302,394.0

Proppants

Type		Des	Sand Size
BROWN		40/70 BROWN	40/70
BROWN		100 MESH BROWN	100 MESH

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	12/3/2020 09:15	4.37	10,362.0	10,364.0			STG 53
No	Yes	FRAC PLUG	12/3/2020 14:14	4.37	10,212.0	10,214.0			STG 54
No	Yes	FRAC PLUG	12/3/2020 19:10	4.37	10,062.0	10,064.0			STG 55
No	Yes	FRAC PLUG	12/4/2020 00:22	4.37	9,912.0	9,914.0			STG 56
No	Yes	FRAC PLUG	12/4/2020 05:46	4.37	9,762.0	9,764.0			STG 57

<div><div>PIONEER</div><div>NATURAL RESOURCES</div></div>			<div>UNIVERSITY E2-34F 106H</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>OCMS</div><div>12/5/2020</div><div>22</div><div>9007340</div><div>\$2,503,632.41</div><div>\$2,256,216.67</div><div>\$165,818.10</div></div>				
<div><div>FRAC FLEET / CREW #</div><div><div>Contractor</div><div>Rig #</div></div><div><div>PPS</div><div>4</div></div><div></div></div>										
SSN ID00020479		API/UWI 42-383-40735-0000		Property Sub	Field Name SPRABERRY (TREND AREA)		Open Formation WOLFCAMP A2 (WFMP A2)		Spud Date 11/15/2019	TD (max) (ftKB) 18,198.0
Job Category ORIG COMPLETION			Primary Job Type OCMS	Start Date 10/23/2020	End Date	Job Status IN PROGRESS		Responsible Grp 2 STIM ENG - NATHAN DEALY		
Job Dates										
Date	Type MILESTONE			Subtype AAR COMPLETE			Note			
Date 10/21/2020	Type MILESTONE			Subtype INITIAL WOPR			Note			
Date 10/29/2020	Type MILESTONE			Subtype FINAL WOPR			Note			
Date 11/19/2020	Type MILESTONE			Subtype READY TO START (RTS)			Note			
Date 12/7/2020	Type PLAN			Subtype STIMULATION END			Note			
Safety Checks										
Time	Type	Des		Tour	Com					
Daily Contacts on Location										
Contact Name		Title		Tour	Mobile	Alt Mobile #		Note		
DEALY, NATHAN		ENGINEER			432-215-2340					
WOODALL, CHARLES		SUPERINTENDE NT			940-636-1062					
WOHLEB, CLEMENT JR		FOREMAN		DAY	254-495-1156					
BURTS, AJ		ENGINEER		DAY	432-270-5820					
ROCHELLE, SAMMIE		FIELD ENGINEER		NIGHT	432-234-7107					
VIGIL, SERAFIN		FOREMAN		NIGHT	210-560-5007					
Personnel Log										
Company									Count	
CACTUS WELLHEAD LLC									2	
LOUISIANA CRANE & CONSTRUCTION LLC									2	
PROPETRO SERVICES INC									25	
PERFX WIRELINE SERVICES LLC									10	
MANTICORE FUELS LLC									4	
PIONEER NATURAL RESOURCES USA INC									4	
PURESTREAM SERVICES INC									2	
DOWNHOLE CHEMICAL SOLUTIONS LLC									2	
UNITED SHUTDOWN SAFETY TEXAS INC									2	
Daily Operations										
Operations at Report Time STIM OPS						Daily Goal Description STAGES PER DAY		Daily Goal - Last 24 4.0		
Operations Summary FRAC STGS: 57,58,59,60,61 P/P STGS: 58,59,60,61 UTF: N/A										
Operations Next Report Period STIM OPS										
Remarks NO ACCIDENTS OR INCIDENTS										
Time Log										
Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
06:00	08:39	2.66	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
08:39	08:53	0.23	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			57
08:53	10:08	1.25	STIM, OPS	FRAC	STIM	FRAC STG 57	NORMAL			57
10:08	10:21	0.21	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
10:21	10:54	0.55	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 58	NORMAL			
10:54	11:12	0.3	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
11:12	13:54	2.7	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
13:54	14:10	0.27	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			58
14:10	15:28	1.3	STIM, OPS	FRAC	STIM	FRAC STG 58	NORMAL			58
15:28	15:34	0.1	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
15:34	15:59	0.42	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 59	NORMAL			
15:59	16:21	0.37	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
16:21	19:03	2.7	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
19:03	19:15	0.2	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			59
19:15	20:31	1.27	STIM, OPS	FRAC	STIM	FRAC STG 59	NORMAL			59

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

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

OCMS
12/5/2020
22
9007340
\$2,503,632.41
\$2,256,216.67
\$165,818.10

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
20:31	20:38	0.11	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
20:38	21:07	0.48	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 60	NORMAL			
21:07	21:26	0.32	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
21:26	23:48	2.36	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
23:48	23:57	0.16	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			60
23:57	01:11	1.23	STIM, OPS	FRAC	STIM	FRAC STG 60	NORMAL			60
01:11	01:20	0.15	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
01:20	01:43	0.39	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 61	NORMAL			
01:43	02:04	0.34	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
02:04	04:34	2.5	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
04:34	04:41	0.12	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			61
04:41	05:57	1.27	STIM, OPS	FRAC	STIM	FRAC STG 61	NORMAL			61
05:57	06:00	0.04	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL @ RT.	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	450,522.0	35,884.0	442.6		-442.6 450,522.0

Interval Problems

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

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

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
DYNASTY WIRE LINE	PRESTIM	10/26/2020 06:00	10/30/2020 10:00	WIRELINE
PPS	PRESTIM	10/26/2020 06:00	10/30/2020 10:00	PUMPDOWN
PERFX	STIM	11/18/2020 18:00		WIRELINE
PPS	STIM	11/18/2020 18:00		PUMPDOWN
PPS	4	11/18/2020 18:00		FRAC FLEET

DIESEL, SURFACE RENTALS

Total Received	Total Consumed	Total Returned
4,162.657	4,162.657	0.0

DIESEL, FRAC EQUIPMENT

Total Received	Total Consumed	Total Returned
107,207.0	107,207.0	0.0

Job Supply Amounts

Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
12/4/2020 06:28	DIESEL	FRAC EQUIPMENT	8,920	8,920		100,024.0	100,024.0	0.0
12/5/2020 04:49	DIESEL	FRAC EQUIPMENT	7,183	7,183		107,207.0	107,207.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
61	No	CONVENTIONAL PERF	9,028.0	9,029.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
61	No	CONVENTIONAL PERF	9,058.0	9,059.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
61	No	CONVENTIONAL PERF	9,088.0	9,089.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
61	No	CONVENTIONAL PERF	9,118.0	9,119.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
61	No	CONVENTIONAL PERF	9,148.0	9,149.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
60	No	CONVENTIONAL PERF	9,178.0	9,179.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
60	No	CONVENTIONAL PERF	9,208.0	9,209.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
60	No	CONVENTIONAL PERF	9,238.0	9,239.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
60	No	CONVENTIONAL PERF	9,268.0	9,269.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
60	No	CONVENTIONAL PERF	9,298.0	9,299.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
59	No	CONVENTIONAL PERF	9,328.0	9,329.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

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

OCMS
12/5/2020
22
9007340
\$2,503,632.41
\$2,256,216.67
\$165,818.10

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
59	No	CONVENTIONAL PERF	9,358.0	9,359.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
59	No	CONVENTIONAL PERF	9,388.0	9,389.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
59	No	CONVENTIONAL PERF	9,418.0	9,419.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
59	No	CONVENTIONAL PERF	9,448.0	9,449.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
58	No	CONVENTIONAL PERF	9,478.0	9,479.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
58	No	CONVENTIONAL PERF	9,508.0	9,509.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
58	No	CONVENTIONAL PERF	9,538.0	9,539.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
58	No	CONVENTIONAL PERF	9,568.0	9,569.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
58	No	CONVENTIONAL PERF	9,598.0	9,599.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1

Stimulations Summary

Stim/Treat Company PROPETRO		Diversion Company CACTUS WELLHEAD LLC		Diversion Method COMPOSITE PLUG		Start Date 11/19/2020 12:09		End Date		Job OCMS, 10/23/2020 06:00	
Number of Treatment Intervals 61		Design Number of Treatment Intervals 65		Volume Clean Total (bbl) 449,319.00				Proppant Total (lb) 18,346,314.5			

Stimulation Intervals

Frac Stage 57 on 12/4/2020 08:53

Proposed? No		Type HYDRAULIC FRACTURE		Date 12/4/2020		String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 9,628.0		Bottom Depth (ftKB) 9,749.0			
Post Job Frac Gradient (...) 0.81		Pump Power Max (hp)		Proppant Designed (lb)		Proppant In Formation (lb)		Proppant In Wellbore (lb)		Proppant Total (lb) 303,160.0		Clean Volume Design (bbl)		Total Clean Volume (bbl) 7,057.00	
Open Wellhead (psi) 1,951.0		Final ISIP (psi) 3,073.0		Close Wellhead (psi) 2,803.0		Breakdown Pressure (psi) 5,571.0		Max Treating Pressure (...) 9,198.0		Avg Treating Pressure (...) 8,548.0		Max Slurry Rate (bbl/min) 106		Avg Slurry Rate (bbl/min) 102	
Comment Stage#57 PTD BIP															

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	12/4/2020 08:53	12/4/2020 08:59	229.00	229.00				
SLURRY	12/4/2020 08:59	12/4/2020 09:05	618.00	847.00	BROWN, 100 MESH		6,489.0	6,489.0
SLURRY	12/4/2020 09:05	12/4/2020 09:10	523.00	1,370.00	BROWN, 100 MESH		5,491.0	11,980.0
SLURRY	12/4/2020 09:10	12/4/2020 09:15	524.00	1,894.00	BROWN, 100 MESH		11,004.0	22,984.0
SLURRY	12/4/2020 09:15	12/4/2020 09:20	534.00	2,428.00	BROWN, 100 MESH		16,821.0	39,805.0
SLURRY	12/4/2020 09:20	12/4/2020 09:30	975.00	3,403.00	BROWN, 100 MESH		40,950.0	80,755.0
SLURRY	12/4/2020 09:30	12/4/2020 09:43	1,192.00	4,595.00	BROWN, 100 MESH		75,096.0	155,851.0
SLURRY	12/4/2020 09:43	12/4/2020 09:56	1,332.00	5,927.00	BROWN, 100 MESH		86,802.0	242,653.0
SLURRY	12/4/2020 09:56	12/4/2020 10:02	476.00	6,403.00	BROWN, 40/70		34,986.0	277,639.0
SLURRY	12/4/2020 10:02	12/4/2020 10:04	291.00	6,694.00	BROWN, 40/70		25,521.0	303,160.0
FLUSH	12/4/2020 10:04	12/4/2020 10:08	292.00	6,986.00				303,160.0
PUMP DOWN	12/4/2020 10:49	12/4/2020 10:54	71.00	7,057.00				303,160.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 58 on 12/4/2020 14:10

Proposed? No		Type HYDRAULIC FRACTURE		Date 12/4/2020		String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 9,478.0		Bottom Depth (ftKB) 9,599.0			
Post Job Frac Gradient (...) 0.82		Pump Power Max (hp)		Proppant Designed (lb)		Proppant In Formation (lb)		Proppant In Wellbore (lb)		Proppant Total (lb) 300,435.0		Clean Volume Design (bbl)		Total Clean Volume (bbl) 7,123.00	
Open Wellhead (psi) 1,850.0		Final ISIP (psi) 3,126.0		Close Wellhead (psi) 2,875.0		Breakdown Pressure (psi) 5,832.0		Max Treating Pressure (...) 9,145.0		Avg Treating Pressure (...) 8,414.0		Max Slurry Rate (bbl/min) 105		Avg Slurry Rate (bbl/min) 100	
Comment Stage#58 PTD BIP YES															

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	12/4/2020 14:10	12/4/2020 14:19	447.00	447.00				
SLURRY	12/4/2020 14:19	12/4/2020 14:23	406.00	853.00	BROWN, 100 MESH		4,263.0	4,263.0
SLURRY	12/4/2020 14:23	12/4/2020 14:29	525.00	1,378.00	BROWN, 100 MESH		5,512.5	9,775.5
SLURRY	12/4/2020 14:29	12/4/2020 14:34	523.00	1,901.00	BROWN, 100 MESH		10,983.0	20,758.5
SLURRY	12/4/2020 14:34	12/4/2020 14:39	525.00	2,426.00	BROWN, 100 MESH		16,537.5	37,296.0
SLURRY	12/4/2020 14:39	12/4/2020 14:48	980.00	3,406.00	BROWN, 100 MESH		41,160.0	78,456.0
SLURRY	12/4/2020 14:48	12/4/2020 15:01	1,187.00	4,593.00	BROWN, 100 MESH		74,781.0	153,237.0
SLURRY	12/4/2020 15:01	12/4/2020 15:15	1,324.00	5,917.00	BROWN, 100 MESH		87,094.0	240,331.0
SLURRY	12/4/2020 15:15	12/4/2020 15:19	476.00	6,393.00	BROWN, 40/70		34,986.0	275,317.0
SLURRY	12/4/2020 15:19	12/4/2020 15:23	381.00	6,774.00	BROWN, 40/70		25,118.0	300,435.0
FLUSH	12/4/2020 15:23	12/4/2020 15:28	288.00	7,062.00				300,435.0
PUMP DOWN	12/4/2020 15:56	12/4/2020 15:59	61.00	7,123.00				300,435.0

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/5/2020

22

9007340

\$2,503,632.41

\$2,256,216.67

\$165,818.10

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 59 on 12/4/2020 19:15

Proposed? No	Type	Date	String (Deployment Method)			Top Depth (ftKB)	Bottom Depth (ftKB)
	HYDRAULIC FRACTURE	12/4/2020	PRODUCTION, 18,184.0ftKB			9,328.0	9,449.0
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)
0.91			301,235.0		301,235.0		7,412.00
Open Wellhead (psi)	Final ISIP (psi)	Close Wellhead (psi)	Breakdown Pressure (psi)	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min)	Avg Slurry Rate (bbl/min)
1,844.0	3,906.0	2,820.0	5,243.0	9,307.0	8,627.0	106	102

Comment

Stage# 59 PTD BIP=YES

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	12/4/2020 19:15	12/4/2020 19:20	280.00	280.00				
SLURRY	12/4/2020 19:20	12/4/2020 19:26	576.00	856.00	BROWN, 100 MESH		6,048.0	6,048.0
SLURRY	12/4/2020 19:26	12/4/2020 19:31	528.00	1,384.00	BROWN, 100 MESH		5,544.0	11,592.0
SLURRY	12/4/2020 19:31	12/4/2020 19:36	520.00	1,904.00	BROWN, 100 MESH		10,920.0	22,512.0
SLURRY	12/4/2020 19:36	12/4/2020 19:41	526.00	2,430.00	BROWN, 100 MESH		16,569.0	39,081.0
SLURRY	12/4/2020 19:41	12/4/2020 19:51	977.00	3,407.00	BROWN, 100 MESH		41,034.0	80,115.0
SLURRY	12/4/2020 19:51	12/4/2020 20:02	1,188.00	4,595.00	BROWN, 100 MESH		74,844.0	154,959.0
SLURRY	12/4/2020 20:02	12/4/2020 20:18	1,500.00	6,095.00	BROWN, 100 MESH		86,778.0	241,737.0
SLURRY	12/4/2020 20:18	12/4/2020 20:22	476.00	6,571.00	BROWN, 40/70		34,986.0	276,723.0
SLURRY	12/4/2020 20:22	12/4/2020 20:27	425.00	6,996.00	BROWN, 40/70		24,512.0	301,235.0
FLUSH	12/4/2020 20:27	12/4/2020 20:35	326.00	7,322.00				301,235.0
PUMP DOWN	12/4/2020 21:02	12/4/2020 21:06	90.00	7,412.00				301,235.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 60 on 12/4/2020 23:57

Proposed? No	Type	Date	String (Deployment Method)			Top Depth (ftKB)	Bottom Depth (ftKB)
	HYDRAULIC FRACTURE	12/4/2020	PRODUCTION, 18,184.0ftKB			9,178.0	9,299.0
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)
0.93			301,519.0		301,519.0		7,081.00
Open Wellhead (psi)	Final ISIP (psi)	Close Wellhead (psi)	Breakdown Pressure (psi)	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min)	Avg Slurry Rate (bbl/min)
2,469.0	4,024.0	2,823.0	5,300.0	9,326.0	8,656.0	105	100

Comment

Stage# 60 PTD BIP:YES

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	12/4/2020 23:57	12/5/2020 00:01	190.00	190.00				
SLURRY	12/5/2020 00:01	12/5/2020 00:09	670.00	860.00	BROWN, 100 MESH		7,035.0	7,035.0
SLURRY	12/5/2020 00:09	12/5/2020 00:14	523.00	1,383.00	BROWN, 100 MESH		5,491.0	12,526.0
SLURRY	12/5/2020 00:14	12/5/2020 00:19	522.00	1,905.00	BROWN, 100 MESH		10,962.0	23,488.0
SLURRY	12/5/2020 00:19	12/5/2020 00:24	528.00	2,433.00	BROWN, 100 MESH		16,632.0	40,120.0
SLURRY	12/5/2020 00:24	12/5/2020 00:34	977.00	3,410.00	BROWN, 100 MESH		41,034.0	81,154.0
SLURRY	12/5/2020 00:34	12/5/2020 00:46	1,190.00	4,600.00	BROWN, 100 MESH		74,970.0	156,124.0
SLURRY	12/5/2020 00:46	12/5/2020 00:58	1,190.00	5,790.00	BROWN, 100 MESH		83,862.0	239,986.0
SLURRY	12/5/2020 00:58	12/5/2020 01:02	474.00	6,264.00	BROWN, 40/70		34,839.0	274,825.0
SLURRY	12/5/2020 01:02	12/5/2020 01:07	481.00	6,745.00	BROWN, 40/70		26,694.0	301,519.0
FLUSH	12/5/2020 01:07	12/5/2020 01:11	287.00	7,032.00				301,519.0
PUMP DOWN	12/5/2020 01:40	12/5/2020 01:43	49.00	7,081.00				301,519.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 61 on 12/5/2020 04:41

Proposed? No	Type	Date	String (Deployment Method)			Top Depth (ftKB)	Bottom Depth (ftKB)
	HYDRAULIC FRACTURE	12/5/2020	PRODUCTION, 18,184.0ftKB			9,028.0	9,149.0
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)
0.82			298,819.0		298,819.0		7,211.00
Open Wellhead (psi)	Final ISIP (psi)	Close Wellhead (psi)	Breakdown Pressure (psi)	Max Treating Pressure (...)	Avg Treating Pressure (...)	Max Slurry Rate (bbl/min)	Avg Slurry Rate (bbl/min)
1,660.0	3,116.0	2,924.0	4,700.0	9,164.0	8,518.0	105	102

Comment

Stage#61 PTD BIP YES

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	12/5/2020 04:41	12/5/2020 04:48	346.00	346.00				
SLURRY	12/5/2020 04:48	12/5/2020 04:52	514.00	860.00	BROWN, 100 MESH		5,397.0	5,397.0
SLURRY	12/5/2020 04:52	12/5/2020 04:57	522.00	1,382.00	BROWN, 100 MESH		5,481.0	10,878.0
SLURRY	12/5/2020 04:57	12/5/2020 05:03	533.00	1,915.00	BROWN, 100 MESH		11,193.0	22,071.0
SLURRY	12/5/2020 05:03	12/5/2020 05:08	527.00	2,442.00	BROWN, 100 MESH		16,600.0	38,671.0
SLURRY	12/5/2020 05:08	12/5/2020 05:17	973.00	3,415.00	BROWN, 100 MESH		40,866.0	79,537.0
SLURRY	12/5/2020 05:17	12/5/2020 05:29	1,191.00	4,606.00	BROWN, 100 MESH		75,033.0	154,570.0
SLURRY	12/5/2020 05:29	12/5/2020 05:44	1,384.00	5,990.00	BROWN, 100 MESH		83,453.0	238,023.0
SLURRY	12/5/2020 05:44	12/5/2020 05:48	477.00	6,467.00	BROWN, 40/70		35,059.5	273,082.5

PIONEER
NATURAL RESOURCES

UNIVERSITY E2-34F 106H

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/5/2020

22

9007340

\$2,503,632.41

\$2,256,216.67

\$165,818.10

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	12/5/2020 05:48	12/5/2020 05:52	466.00	6,933.00	BROWN, 40/70		25,736.5	298,819.0
FLUSH	12/5/2020 05:52	12/5/2020 05:57	278.00	7,211.00				298,819.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

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	12/4/2020 10:54	4.37	9,612.0	9,614.0			STG 58
No	Yes	FRAC PLUG	12/4/2020 16:00	4.37	9,462.0	9,464.0			STG 59
No	Yes	FRAC PLUG	12/4/2020 21:07	4.37	9,312.0	9,314.0			STG 60
No	Yes	FRAC PLUG	12/5/2020 01:44	4.37	9,162.0	9,164.0			STG 61

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

FRAC FLEET / CREW #

Contractor

Rig #

PPS

4

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/6/2020

23

9007340

\$2,503,632.41

\$2,392,374.74

\$142,264.73

SSN

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID00020479

42-383-40735-0000

SPRABERRY (TREND AREA)

WOLFCAMP A2 (WFMP A2)

11/15/2019

18,198.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCMS

10/23/2020

IN PROGRESS

STIM ENG - NATHAN DEALY

Job Dates

Date

Type

Subtype

Note

10/21/2020

MILESTONE

INITIAL WOPR

10/29/2020

MILESTONE

FINAL WOPR

11/19/2020

MILESTONE

READY TO START (RTS)

12/7/2020

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

DEALY, NATHAN

ENGINEER

432-215-2340

WOODALL, CHARLES

SUPERINTENDE NT

940-636-1062

WOHLEB, CLEMENT JR

FOREMAN

DAY

254-495-1156

BURTS, AJ

ENGINEER

DAY

432-270-5820

ROCHELLE, SAMMIE

FIELD ENGINEER

NIGHT

432-234-7107

VIGIL, SERAFIN

FOREMAN

NIGHT

210-560-5007

Personnel Log

Company

Count

CACTUS WELLHEAD LLC

2

LOUISIANA CRANE & CONSTRUCTION LLC

2

PROPETRO SERVICES INC

25

PERFX WIRELINE SERVICES LLC

10

MANTICORE FUELS LLC

4

PIONEER NATURAL RESOURCES USA INC

4

PURESTREAM SERVICES INC

2

DOWNHOLE CHEMICAL SOLUTIONS LLC

2

UNITED SHUTDOWN SAFETY TEXAS INC

2

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

STIM OPS

STAGES PER DAY

4.0

Operations Summary

FRAC STGS: 62,63,64,65

P/P STGS: 62,63,64,65,KP1

UTF: N/A

Operations Next Report Period

STIM OPS

Remarks

NO ACCIDENTS OR INCIDENTS

Time Log

Start Time

End Time

Dur (hr)

Phase

Activity

Operation

Com

Ops Category

Prob Ref #

Prob Hrs (hr)

Frac Stage

06:00

06:34

0.57

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 62

NORMAL

06:34

06:55

0.36

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

06:55

09:17

2.36

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

09:17

09:24

0.12

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

62

09:24

10:34

1.17

STIM, OPS

FRAC

STIM

FRAC STG 62

NORMAL

62

10:34

10:45

0.17

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

10:45

11:20

0.59

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 63

NORMAL

11:20

11:40

0.33

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

11:40

13:53

2.22

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

13:53

14:05

0.2

STIM, OPS

SWAPOVER

SWAP_FRAC

SWAP TO FRAC

NORMAL

63

14:05

15:19

1.24

STIM, OPS

FRAC

STIM

FRAC STG 63

NORMAL

63

15:19

15:26

0.11

STIM, OPS

SWAPOVER

SWAP_WL

SWAP TO WL

NORMAL

15:26

15:50

0.4

STIM, OPS

WIRELINE

WL_RUNDN

RIH - P/P STG 64

NORMAL

15:50

16:10

0.33

STIM, OPS

WIRELINE

WL_RUNUP

POOH - PLUG SET / ASF

NORMAL

16:10

18:34

2.4

STIM, OPS

NONOPS

PAD

WAIT ON OFFSET WELLS

NORMAL

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

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

OCMS
12/6/2020
23
9007340
\$2,503,632.41
\$2,392,374.74
\$142,264.73

Time Log

Start Time	End Time	Dur (hr)	Phase	Activity	Operation	Com	Ops Category	Prob Ref #	Prob Hrs (hr)	Frac Stage
18:34	18:42	0.13	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			64
18:42	20:00	1.3	STIM, OPS	FRAC	STIM	FRAC STG 64	NORMAL			64
20:00	20:07	0.12	STIM, OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
20:07	20:31	0.4	STIM, OPS	WIRELINE	WL_RUNDN	RIH - P/P STG 65	NORMAL			
20:31	20:50	0.32	STIM, OPS	WIRELINE	WL_RUNUP	POOH - PLUG SET / ASF	NORMAL			
20:50	23:27	2.61	STIM, OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
23:27	23:38	0.19	STIM, OPS	SWAPOVER	SWAP_FRAC	SWAP TO FRAC	NORMAL			65
23:38	01:21	1.72	STIM, POST OPS	FRAC	STIM	FRAC STG 65	NORMAL			65
01:21	01:54	0.55	STIM, POST OPS	NONOPS	PAD	WAIT ON OFFSET WELLS	NORMAL			
01:54	02:00	0.1	STIM, POST OPS	NONOPS	SAFETY	PRE RIG DOWN SAFETY MEETING	NORMAL			
02:00	02:06	0.1	STIM, POST OPS	SWAPOVER	SWAP_WL	SWAP TO WL	NORMAL			
02:06	02:34	0.47	STIM, POST OPS	WIRELINE	WL_RUNDN	RIH - SET KP #1 @ 8378' 1500 PSI BELOW	NORMAL			
02:34	02:51	0.28	STIM, POST OPS	WIRELINE	WL_RUNUP	SET KP POOH	NORMAL			
02:51	03:12	0.35	STIM, POST OPS	TEST	TEST_CSG	POS 3500PSI / NEG TEST PASS	NORMAL			
03:12	06:00	2.79	STIM, POST OPS	SETUP	RURD	RDMO PPS 4 AND SUPPORT EQUIP	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	478,910.0	28,388.0	442.6		-442.6
					478,910.0

Interval Problems

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

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

Rigs

Contractor	Rig #	Start Date	RR Date	Rig Type
DYNASTY WIRE LINE	PRESTIM	10/26/2020 06:00	10/30/2020 10:00	WIRELINE
PPS	PRESTIM	10/26/2020 06:00	10/30/2020 10:00	PUMPDOWN
PERFX	STIM	11/18/2020 18:00		WIRELINE
PPS	STIM	11/18/2020 18:00		PUMPDOWN
PPS	4	11/18/2020 18:00		FRAC FLEET

DIESEL, SURFACE RENTALS

Total Received	Total Consumed	Total Returned
4,643.657	4,643.657	0.0

Job Supply Amounts

Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
12/5/2020 19:05	DIESEL	SURFACE RENTALS	481	481	0	4,643.657	4,643.657	0.0

DIESEL, FRAC EQUIPMENT

Total Received	Total Consumed	Total Returned
115,396.0	115,396.0	0.0

Job Supply Amounts

Date	Supply Item Des	Type	Received	Consumed	Returned	Cum Received	Cum Consumed	Cum Returned
12/6/2020 00:00	DIESEL	FRAC EQUIPMENT	8,189	8,189		115,396.0	115,396.0	0.0

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
65	No	CONVENTIONAL PERF	8,428.0	8,429.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
65	No	CONVENTIONAL PERF	8,458.0	8,459.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
65	No	CONVENTIONAL PERF	8,488.0	8,489.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
65	No	CONVENTIONAL PERF	8,518.0	8,519.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
65	No	CONVENTIONAL PERF	8,548.0	8,549.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
64	No	CONVENTIONAL PERF	8,578.0	8,579.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
64	No	CONVENTIONAL PERF	8,608.0	8,609.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
64	No	CONVENTIONAL PERF	8,638.0	8,639.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

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

OCMS
12/6/2020
23
9007340
\$2,503,632.41
\$2,392,374.74
\$142,264.73

Perforations

Int #	Prop?	Type	Top (ftKB)	Btm (ftKB)	Btm - Top (ft)	Shot Dens (shots/ft)	Entered Shot Total	String Perforated	Com	Cluster #
64	No	CONVENTIONAL PERF	8,668.0	8,669.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
64	No	CONVENTIONAL PERF	8,698.0	8,699.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
63	No	CONVENTIONAL PERF	8,728.0	8,729.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
63	No	CONVENTIONAL PERF	8,758.0	8,759.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
63	No	CONVENTIONAL PERF	8,788.0	8,789.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
63	No	CONVENTIONAL PERF	8,818.0	8,819.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
63	No	CONVENTIONAL PERF	8,848.0	8,849.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1
62	No	CONVENTIONAL PERF	8,878.0	8,879.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		5
62	No	CONVENTIONAL PERF	8,908.0	8,909.0	1.0	3.0	6	PRODUCTION, 18,184.0ftKB		4
62	No	CONVENTIONAL PERF	8,938.0	8,939.0	1.0	3.0	8	PRODUCTION, 18,184.0ftKB		3
62	No	CONVENTIONAL PERF	8,968.0	8,969.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		2
62	No	CONVENTIONAL PERF	8,998.0	8,999.0	1.0	3.0	10	PRODUCTION, 18,184.0ftKB		1

Stimulations Summary

Stim/Treat Company PROPETRO		Diversion Company CACTUS WELLHEAD LLC		Diversion Method COMPOSITE PLUG		Start Date 11/19/2020 12:09		End Date		Job OCMS, 10/23/2020 06:00	
Number of Treatment Intervals 65		Design Number of Treatment Intervals 65		Volume Clean Total (bbl) 477,707.00				Proppant Total (lb) 19,554,218.5			

Stimulation Intervals

Frac Stage 62 on 12/5/2020 09:24

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/5/2020		String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 8,878.0		Bottom Depth (ftKB) 8,999.0		
Post Job Frac Gradient (... Pump Power Max (hp) 0.80		Proppant Designed (lb)		Proppant In Formation (lb)		Proppant In Wellbore (lb)		Proppant Total (lb) 302,973.0		Clean Volume Design (bbl)		Total Clean Volume (bbl) 6,632.00
Open Wellhead (psi) 2,285.0		Final ISIP (psi) 2,982.0		Close Wellhead (psi) 2,704.0		Breakdown Pressure (psi) 5,462.0		Max Treating Pressure (... Avg Treating Pressure (... 9,137.0 8,282.0		Max Slurry Rate (bbl/min) 106		Avg Slurry Rate (bbl/min) 101
Comment Stage#62 PTD BIP												

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	12/5/2020 09:24	12/5/2020 09:32	501.00	501.00				
SLURRY	12/5/2020 09:32	12/5/2020 09:36	371.00	872.00	BROWN, 100 MESH		3,895.0	3,895.0
SLURRY	12/5/2020 09:36	12/5/2020 09:41	525.00	1,397.00	BROWN, 100 MESH		5,512.5	9,407.5
SLURRY	12/5/2020 09:41	12/5/2020 09:46	523.00	1,920.00	BROWN, 100 MESH		10,983.0	20,390.5
SLURRY	12/5/2020 09:46	12/5/2020 09:51	525.00	2,445.00	BROWN, 100 MESH		16,537.5	36,928.0
SLURRY	12/5/2020 09:51	12/5/2020 10:01	974.00	3,419.00	BROWN, 100 MESH		40,908.0	77,836.0
SLURRY	12/5/2020 10:01	12/5/2020 10:13	1,193.00	4,612.00	BROWN, 100 MESH		75,159.0	152,995.0
SLURRY	12/5/2020 10:13	12/5/2020 10:23	953.00	5,565.00	BROWN, 100 MESH		89,222.0	242,217.0
SLURRY	12/5/2020 10:23	12/5/2020 10:28	474.00	6,039.00	BROWN, 40/70		34,839.0	277,056.0
SLURRY	12/5/2020 10:28	12/5/2020 10:31	278.00	6,317.00	BROWN, 40/70		25,917.0	302,973.0
FLUSH	12/5/2020 10:31	12/5/2020 10:34	275.00	6,592.00				302,973.0
PUMP DOWN	12/5/2020 11:17	12/5/2020 11:20	40.00	6,632.00				302,973.0

Proppants

Type	Des	Sand Size
BROWN	40/70 BROWN	40/70
BROWN	100 MESH BROWN	100 MESH

Frac Stage 63 on 12/5/2020 14:05

Proposed? No	Type HYDRAULIC FRACTURE	Date 12/5/2020		String (Deployment Method) PRODUCTION, 18,184.0ftKB				Top Depth (ftKB) 8,728.0		Bottom Depth (ftKB) 8,849.0		
Post Job Frac Gradient (... Pump Power Max (hp) 0.79		Proppant Designed (lb)		Proppant In Formation (lb)		Proppant In Wellbore (lb)		Proppant Total (lb) 299,148.0		Clean Volume Design (bbl)		Total Clean Volume (bbl) 7,014.00
Open Wellhead (psi) 2,198.0		Final ISIP (psi) 2,928.0		Close Wellhead (psi) 2,752.0		Breakdown Pressure (psi) 6,048.0		Max Treating Pressure (... Avg Treating Pressure (... 9,174.0 8,583.0		Max Slurry Rate (bbl/min) 106		Avg Slurry Rate (bbl/min) 103
Comment Stage#63 PTD BIP YES												

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	12/5/2020 14:05	12/5/2020 14:10	252.00	252.00				
SLURRY	12/5/2020 14:10	12/5/2020 14:16	623.00	875.00	BROWN, 100 MESH		6,541.5	6,541.5
SLURRY	12/5/2020 14:16	12/5/2020 14:23	520.00	1,395.00	BROWN, 100 MESH		5,460.0	12,001.5
SLURRY	12/5/2020 14:23	12/5/2020 14:26	528.00	1,923.00	BROWN, 100 MESH		11,088.0	23,089.5
SLURRY	12/5/2020 14:26	12/5/2020 14:33	524.00	2,447.00	BROWN, 100 MESH		16,506.0	39,595.5
SLURRY	12/5/2020 14:33	12/5/2020 14:43	977.00	3,424.00	BROWN, 100 MESH		41,034.0	80,629.5
SLURRY	12/5/2020 14:43	12/5/2020 14:55	1,193.00	4,617.00	BROWN, 100 MESH		75,159.0	155,788.5
SLURRY	12/5/2020 14:55	12/5/2020 15:06	1,232.00	5,849.00	BROWN, 100 MESH		83,345.5	239,134.0

PIONEER

NATURAL RESOURCES

UNIVERSITY E2-34F 106H

FRAC FLEET / CREW #

Contractor

Rig #

PPS4

Job:

Report Date:

Report #:

AFE #:

Total AFE + Sup:

Cum Field Estimate:

Daily Field Estimate:

OCMS

12/7/2020

24

9007340

\$2,503,632.41

\$2,412,474.00

\$18,775.76

SSN

API/UWI

Property Sub

Field Name

Open Formation

Spud Date

TD (max) (ftKB)

ID000020479

42-383-40735-0000

SPRABERRY (TREND AREA)

WOLFCAMP A2 (WFMP A2)

11/15/2019

18,198.0

Job Category

Primary Job Type

Start Date

End Date

Job Status

Responsible Grp 2

ORIG COMPLETION

OCMS

10/23/2020

IN PROGRESS

STIM ENG - NATHAN DEALY

Job Dates

Date

Type

Subtype

Note

10/21/2020

MILESTONE

INITIAL WOPR

10/29/2020

MILESTONE

FINAL WOPR

11/19/2020

MILESTONE

READY TO START (RTS)

12/7/2020

PLAN

STIMULATION END

Safety Checks

Time

Type

Des

Tour

Com

Daily Contacts on Location

Contact Name

Title

Tour

Mobile

Alt Mobile #

Note

DEALY, NATHAN

ENGINEER

432-215-2340

WOODALL, CHARLES

SUPERINTENDE
NT

940-636-1062

WOHLEB, CLEMENT JR

FOREMAN

DAY

254-495-1156

BURTS, AJ

ENGINEER

DAY

432-270-5820

ROCHELLE, SAMMIE

FIELD
ENGINEER

NIGHT

432-234-7107

VIGIL, SERAFIN

FOREMAN

NIGHT

210-560-5007

Personnel Log

Company

Count

CACTUS WELLHEAD LLC

2

LOUISIANA CRANE & CONSTRUCTION LLC

2

PROPETRO SERVICES INC

25

PERFX WIRELINE SERVICES LLC

10

MANTICORE FUELS LLC

4

PIONEER NATURAL RESOURCES USA INC

4

DOWNHOLE CHEMICAL SOLUTIONS LLC

2

UNITED SHUTDOWN SAFETY TEXAS INC

2

Daily Operations

Operations at Report Time

Daily Goal Description

Daily Goal - Last 24

STIM OPS

Operations Summary

RDMO FRAC & ALL SUPPORT EQUIPMENT.

Operations Next Report Period

POST STIM

Remarks

NO ACCIDENTS OR INCIDENTS

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, POST OPS

SETUP

RURD

RDMO FRAC & ALL SUPPORT EQUIPMENT.

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

478,910.0

442.6

-442.6
478,910.0

Interval Problems

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

Ref #

End Date

Dur (Net) (hr)

Excl...

Accountable Party

Est Cost OR (C...

Comment

Rigs

Contractor

Rig #

Start Date

RR Date

Rig Type

DYNASTY WIRE LINE

PRESTIM

10/26/2020 06:00

10/30/2020 10:00

WIRELINE

PPS

PRESTIM

10/26/2020 06:00

10/30/2020 10:00

PUMPDOWN

PERFX

STIM

11/18/2020 18:00

12/6/2020 06:00

WIRELINE

PPS

STIM

11/18/2020 18:00

12/6/2020 06:00

PUMPDOWN

PPS

4

11/18/2020 18:00

12/6/2020 18:00

FRAC FLEET

DIESEL, SURFACE RENTALS

Total Received

Total Consumed

Total Returned

4,643.657

4,643.657

0.0

DIESEL, FRAC EQUIPMENT

Total Received

Total Consumed

Total Returned

115,396.0

115,396.0

0.0

Stimulations Summary

Stim/Treat Company

Diversion Company

Diversion Method

Start Date

End Date

Job

PROPETRO

CACTUS WELLHEAD LLC

COMPOSITE PLUG

11/19/2020 12:09

12/6/2020 01:21

OCMS, 10/23/2020 06:00

Number of Treatment Intervals

Design Number of Treatment Intervals

Volume Clean Total (bbl)

Proppant Total (lb)

65

65

477,707.00

19,554,218.5