



**UNIVERSITY 09 1828H**  
**AEPB WELL NO. 38**

Report Date	2/24/2015
AFE #	1420104
Total AFE	3,666,300

Job Information				
Job Category COMPLETION	Primary Job Type COMPLETION - ORIGINAL	Secondary Job Type	Start Date 2/12/2015	End Date
AFE Number 1420104	Supplemental AFE Number	Daily Field Est (Cost) 11,935	Cum Field Est (Cost)	78,038
Number of Stages (ft)	Lateral Length (ft)	Time Since LTI (days)	Time Since Reportable Incident (days)	

## Daily Contacts

Contacts  
WO SUP, ROQUE DE LA TORRE, CRSCNT

## Daily Operations

Operations Summary  
WELL SI WAIT ON FRAC.

Planned Operations  
WAIT ON FRAC. FRAC DATE 2-26-15.

## Time Log

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

## Safety Checks

Perforation Intervals			

## Perforation Intervals



UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date	2/25/2015
AFE #	1420104
Total AFE	3,666,300

Job Information				
Job Category COMPLETION	Primary Job Type COMPLETION - ORIGINAL	Secondary Job Type	Start Date 2/12/2015	End Date
AFE Number 1420104	Supplemental AFE Number	Daily Field Est (Cost)  14,355	Cum Field Est (Cost)	98,528
Number of Stages (ft)	Lateral Length (ft)	Time Since LTI (days)	Time Since Reportable Incident (days)	

<p>Contacts</p> <p>WO SUP, ROQUE DE LA TORRE, CRSCNT</p>
--

Operations Summary
WELL SI WAIT ON FRAC.
Planned Operations
WAIT ON FRAC. FRAC DATE 2-26-15.

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT
05:00	05:00	24.00	24.00	STANDBY	No	WAIT ON FRAC		

Perforation Intervals									
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

--	--	--	--	--	--	--



AMERICAN ENERGY  
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date 2/26/2015  
AFE # 1420104  
Total AFE 3,666,300

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date	
Job Information									
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL		Secondary Job Type		Start Date 2/12/2015		End Date	
AFE Number 1420104		Supplemental AFE Number		Daily Field Est (Cost) 15,248		Cum Field Est (Cost) 113,776			
Number of Stages (ft)		Lateral Length (ft)		Time Since LTI (days)		Time Since Reportable Incident (days)			
Daily Contacts									
Contacts COMP SUP, BRANDON COUTTEE, CRSCNT; COMP SUP, WES CONSFORD, LOOP; COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUPT, SETH MILLER, CRSCNT									
Daily Operations									
Operations Summary MIRU FTSI AND ALL RELATED FRAC EQUIPMENT									
Planned Operations FRAC MULTIPLE STAGES									
Time Log									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT	
05:00	17:00	12.00	12.00	RIG UP/DOWN	No	MIRU FTSI AND ALL RELATED EQUIPMENT			
17:00	05:00	12.00	24.00	RIG UP/DOWN	No	CONTINUE MIRU FRAC AND RELATED EQUIPMENT. RU IRON AND HANG RISERS			
Safety Checks									
Time		Type			Inspected By		Description		
05:45		SAFETY MEETING			CONSFORD/COUTTEE		PREJOB SAFETY MEETING.		
17:30		SAFETY MEETING			SETH MILLER		PRE JOB SAFETY MEETING		
Perforation Intervals									
Time	Zone		Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)	Gun Size (in)	Com



AMERICAN ENERGY  
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date 2/27/2015  
AFE # 1420104  
Total AFE 3,666,300

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date
-----------------------	----------------	------------------	---------------------------	-----------------------------------	-------------------	---------------------------	-------------------------------	-----------------

Job Information

Job Category COMPLETION	Primary Job Type COMPLETION - ORIGINAL	Secondary Job Type	Start Date 2/12/2015	End Date
AFE Number 1420104	Supplemental AFE Number	Daily Field Est (Cost) 22,564	Cum Field Est (Cost)	124,405
Number of Stages (ft)	Lateral Length (ft)	Time Since LTI (days)	Time Since Reportable Incident (days)	

Daily Contacts

Contacts COMP SUP, BRANDON COUTTEE, CRSCNT; COMP SUP, WES CONSFORD, LOOP; COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUPT, SETH MILLER, CRSCNT
---

Daily Operations

Operations Summary COMPLETE MIRU ALL FRAC RELATED EQUIPMENT,
Planned Operations FRAC MULTIPLE STAGES

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT
05:00	18:00	13.00	13.00	RIG UP/DOWN	No	CONTINUE MIRU OF ALL FRAC RELATED EQUIPMENT		
18:00	20:00	2.00	15.00	GENERAL OPERATIONS	No	WINTERIZE PUMP DOWN AND FLOW BACK IRON.		
20:00	23:00	3.00	18.00	RIG UP/DOWN	No	72 HOURS ENDED FROM LAST WELL, DOWNTIME STARTS @ 23:00.		
23:00	05:00	6.00	24.00	GENERAL OPERATIONS	No	EST. START TIME 07:00		

Safety Checks

Time	Type	Inspected By	Description
05:45	SAFETY MEETING	CONSFORD/COUTTEE	PREJOB SAFETY MEETING.
17:30	SAFETY MEETING	SETH MILLER	PREJOB SAFETY MEETING.

Perforation Intervals

Time	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com

--



AMERICAN ENERGY  
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date 2/28/2015  
AFE # 1420104  
Total AFE 3,666,300

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date
-----------------------	----------------	------------------	---------------------------	-----------------------------------	-------------------	---------------------------	-------------------------------	-----------------

Job Information

Job Category COMPLETION	Primary Job Type COMPLETION - ORIGINAL	Secondary Job Type	Start Date 2/12/2015	End Date
AFE Number 1420104	Supplemental AFE Number	Daily Field Est (Cost) 125,894	Cum Field Est (Cost)	250,578
Number of Stages (ft) 42	Lateral Length (ft) 6,500	Time Since LTI (days)	Time Since Reportable Incident (days)	

Daily Contacts

Contacts COMP SUP, BRANDON COUTTEE, CRSCNT; COMP SUP, WES CONSFORD, LOOP; COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUPT, SETH MILLER, CRSCNT
---

Daily Operations

Operations Summary FRAC COMPLETED STAGES 1-2 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 2-3 OF 42.
Planned Operations FRAC MULTIPLE STAGES

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT
05:00	13:00	8.00	8.00	GENERAL OPERATIONS	No	W/O SIM OPS		
13:00	15:00	2.00	10.00	FRAC. JOB	No	FRAC STAGE 1 OF 42		
15:00	17:30	2.50	12.50	PERFORATING	No	PLUG/PERF STAGE 2 OF 42. LOG WELL WHILE POOH.		
17:30	19:45	2.25	14.75	GENERAL OPERATIONS	No	W/O SIM OPS		
19:45	21:15	1.50	16.25	FRAC. JOB	No	FRAC STAGE 2 OF 42		
21:15	21:45	0.50	16.75	GENERAL OPERATIONS	No	SIM OPS		
21:45	23:15	1.50	18.25	PERFORATING	No	PLUG/PERF STAGE 3 OF 42		
23:15	01:00	1.75	20.00	GENERAL OPERATIONS	No	WAITING ON SIM OPS		
01:00	03:00	2.00	22.00	GENERAL OPERATIONS	No	WINTERIZE ALL FRAC IRON WITH PRODUCED WATER		
03:00	05:00	2.00	24.00	DOWNTIME	No	SHUT DOWN DUE TO ICE ON ROADS. UNABLE TO GET SAND DELIVERY		Yes

NPT

Type	SubTyp	Des	Start Date	End Date	Failed Item	Accountable Party	Dur (hr)
OTHER	WEATHER		2/28/2015 03:00	2/28/2015 05:00			2.00

Safety Checks

Time	Type	Inspected By	Description
05:45	SAFETY MEETING	CONSFORD/COUTTEE	PREJOB SAFETY MEETING.
17:45	SAFETY MEETING	SETH MILLER	PREJOB SAFETY MEETING.

Plug Details

Des	Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com
FRAC PLUG	14,643.0	14,645.0			2/27/2015		WEATHERFORD PLUG
FRAC PLUG	14,491.0	14,493.0			2/27/2015		WEATHERFORD PLUG

Perforation Intervals

Time	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com
22:30	WOLFCAMP A, ORIGINAL HOLE	14,350.0	14,351.0	6.0	3 1/8	
22:30	WOLFCAMP A, ORIGINAL HOLE	14,384.0	14,385.0	6.0	3 1/8	
22:30	WOLFCAMP A, ORIGINAL HOLE	14,414.0	14,415.0	6.0	3 1/8	
22:30	WOLFCAMP A, ORIGINAL HOLE	14,444.0	14,445.0	6.0	3 1/8	
22:30	WOLFCAMP A, ORIGINAL HOLE	14,474.0	14,475.0	6.0	3 1/8	
16:30	WOLFCAMP A, ORIGINAL HOLE	14,506.0	14,507.0	6.0	3 1/8	
16:30	WOLFCAMP A, ORIGINAL HOLE	14,536.0	14,537.0	6.0	3 1/8	
16:30	WOLFCAMP A, ORIGINAL HOLE	14,566.0	14,567.0	6.0	3 1/8	
16:30	WOLFCAMP A, ORIGINAL HOLE	14,596.0	14,597.0	6.0	3 1/8	
16:30	WOLFCAMP A, ORIGINAL HOLE	14,626.0	14,627.0	6.0	3 1/8	

Stimulations & Treatments

STAGE 1 - HYDRAULIC FRAC on 2/27/2015 08:00

Date	Type				Zone				Stim/Treat Company		Comment			
2/27/2015	HYDRAULIC FRAC				WOLFCAMP A, ORIGINAL HOLE				FTS INTERNATIONAL		RAN SPECTRUM TRACER - OST 2310			
P Pre SI (psi)	ISIP (psi)	P Post SI (psi)	5 min SI (psi)	10 min SI (psi)	15 min SI (psi)	P Break (psi)	BD Rate (bbl/min)	Q Treat Min (bbl/min)	Q Treat Max (bbl/min)	Q Treat Avg (bbl/min)	Avg Treat Pressure (psi)	Proppant Debris (lb)	Prop Placed (lb)	
1,696.0	1,902.0					3,881.0	15	73	75	75	5,219.0	245,000	247,720	
Max Treat Pressure (psi)			Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)			Avg Treat Rate (bbl/min)			V clean+slurry (bbl)		
6,106.0			5,219.0			75			75			10432.00		

Total Add Amount BACTERICIDE ICI-3240 103 gal; FRICTION REDUCER FRW-200 282 gal; PROPPANT 100 MESH 36420 lb; PROPPANT 40/70 WHITE 211300 lb; SPECTRUM TRACER OST 2310 4 kg
---

STAGE 2 - HYDRAULIC FRAC on 2/27/2015 21:10

Date	Type				Zone				Stim/Treat Company		Comment			
2/27/2015	HYDRAULIC FRAC				WOLFCAMP A, ORIGINAL HOLE				FTS INTERNATIONAL		RAN SPECTRUM TRACER - OST 2900			
P Pre SI (psi)	ISIP (psi)	P Post SI (psi)	5 min SI (psi)	10 min SI (psi)	15 min SI (psi)	P Break (psi)	BD Rate (bbl/min)	Q Treat Min...	Q Treat Max...	Q Treat Avg...	Avg Treat Pr...	Proppant De...	Prop Placed...	
1,092.0	2,523.0					4,578.0	15	61	78	74	5,608.0	245,000	213,100	
Max Treat Pressure (psi)			Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)			Avg Treat Rate (bbl/min)			V clean+slurry (bbl)		
7,499.0			5,608.0			78			74			4863.00		

Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER B-5 19 lb; BUFFER APB-1 40 gal; FRICTION REDUCER FRW-200 145 gal; GELLING AGENT HVG-1 4.0 370 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 179100 lb; SPECTRUM TRACER OST 2900 4 kg
---

--



AMERICAN ENERGY  
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date 3/1/2015  
AFE # 1420104  
Total AFE 3,666,300

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date
-----------------------	----------------	------------------	---------------------------	-----------------------------------	-------------------	---------------------------	-------------------------------	-----------------

Job Information

Job Category COMPLETION	Primary Job Type COMPLETION - ORIGINAL	Secondary Job Type	Start Date 2/12/2015	End Date
AFE Number 1420104	Supplemental AFE Number	Daily Field Est (Cost) 73,443	Cum Field Est (Cost)	324,021
Number of Stages (ft) 42	Lateral Length (ft) 6,500	Time Since LTI (days)	Time Since Reportable Incident (days)	

Daily Contacts

Contacts COMP SUP, BRANDON COUTTEE, CRSCNT; COMP SUP, WES CONSFORD, LOOP; COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUPT, SETH MILLER, CRSCNT
---

Daily Operations

Operations Summary FRAC COMPLETED STAGES 3 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 4-5 OF 42.
Planned Operations FRAC MULTIPLE STAGES

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT
05:00	16:00	11.00	11.00	DOWNTIME	No	SHUT DOWN DUE TO ICE ON ROADS UNABLE TO GET SAND TRUCKS TO LOCATION.		Yes
16:00	17:15	1.25	12.25	INACTIVE	No	W/O SIM OPS		
17:15	20:15	3.00	15.25	DOWNTIME	No	CHANGING THE RU TO HYDRATE GEL WHILE ON SLICK WATER.		Yes
20:15	22:30	2.25	17.50	FRAC. JOB	No	FRAC STAGE 3 OF 42		
22:30	00:45	2.25	19.75	PERFORATING	No	PLUG/PERF STAGE 4 OF 42		
00:45	05:00	4.25	24.00	INACTIVE	No	W/O SIM OPS		

NPT

Typ	SubTyp	Des	Start Date	End Date	Failed Item	Accountable Party	Dur (hr)
OTHER	WEATHER		2/28/2015 03:00	2/28/2015 16:00			13.00
SURFACE EQUIPMENT	FRAC AUXILIARY EQUIP		2/28/2015 17:15	2/28/2015 20:00		FTS INTERNATIONAL SERVICES LLC.	2.75

Safety Checks

Time	Type	Inspected By	Description
05:45	SAFETY MEETING	CONSFORD/COUTTEE	PREJOB SAFETY MEETING.
17:45	SAFETY MEETING	SETH MILLER	PREJOB SAFETY MEETING.

Plug Details

Des	Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com
FRAC PLUG	14,339.0	14,341.0			3/1/2015		WEATHERFORD PLUG

Perforation Intervals

Time	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com
00:20	WOLFCAMP A, ORIGINAL HOLE	14,202.0	14,203.2	6.0	3 1/8	
00:20	WOLFCAMP A, ORIGINAL HOLE	14,232.0	14,233.2	6.0	3 1/8	
00:20	WOLFCAMP A, ORIGINAL HOLE	14,261.0	14,262.2	6.0	3 1/8	
00:20	WOLFCAMP A, ORIGINAL HOLE	14,292.0	14,293.2	6.0	3 1/8	
00:20	WOLFCAMP A, ORIGINAL HOLE	14,322.0	14,323.2	6.0	3 1/8	

Stimulations & Treatments

STAGE 3 - HYDRAULIC FRAC on 2/28/2015 20:18

Date	Type				Zone				Stim/Treat Company				Comment			
2/28/2015	HYDRAULIC FRAC				WOLFCAMP A, ORIGINAL HOLE				FTS INTERNATIONAL				RAN SPECTRUM TRACER - OST 2310			
P Pre SI (psi)	ISIP (psi)	P Post SI (psi)	5 min SI (psi)	10 min SI (psi)	15 min SI (psi)	P Break (psi)	BD Rate (bbl/min)	Q Treat Min...	Q Treat Max...	Q Treat Avg...	Avg Treat Pr...	Proppant De...	Prop Placed...			
931.0	2,698.0					4,243.0	15	76	77	76	5,381.0	245,000	238,600			
Max Treat Pressure (psi)			Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)			Avg Treat Rate (bbl/min)			V clean+slurry (bbl)				
7,597.0			5,381.0			77			76			8511.00				
Total Add Amount																
BACTERICIDE ICI-3240 107 gal; FRICTION REDUCER FRW-200 259 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 179100 lb; SPECTRUM TRACER OST 2310 4 kg																



AMERICAN ENERGY  
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date 3/2/2015  
AFE # 1420104  
Total AFE 3,666,300

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date
Job Information								
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 178,340		Cum Field Est (Cost) 502,361	
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)	
Daily Contacts								
Contacts COMP SUP, BRANDON COUTTEE, CRSCNT; COMP SUP, WES CONSFORD, LOOP; COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUPT, SETH MILLER, CRSCNT								
Daily Operations								
Operations Summary FRAC COMPLETED STAGES 4-6 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 5-7 OF 42.								
Planned Operations FRAC MULTIPLE STAGES								
Time Log								
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT
05:00	09:00	4.00	4.00	GENERAL OPERATIONS	No	GREASE AND TORQUE FRAC STACK		
09:00	10:30	1.50	5.50	FRAC. JOB	No	FRAC STAGE 4 OF 42		
10:30	12:00	1.50	7.00	PERFORATING	No	PLUG/PERF STAGE 5 OF 42		
12:00	16:00	4.00	11.00	INACTIVE	No	W/O SIM OPS		
16:00	18:00	2.00	13.00	FRAC. JOB	No	FRAC STAGE 5 OF 42		
18:00	20:15	2.25	15.25	PERFORATING	No	PLUG/PERF STAGE 6 OF 42		
20:15	23:45	3.50	18.75	INACTIVE	No	W/O SIM OPS		
23:45	01:00	1.25	20.00	DOWNTIME	No	HYDRAULIC HOSE RUPTURED ON T BELT.		Yes
01:00	02:15	1.25	21.25	FRAC. JOB	No	FRAC STAGE 6 OF 42		
02:15	04:15	2.00	23.25	PERFORATING	No	PLUG/PERF STAGE 7 OF 42		
04:15	05:00	0.75	24.00	INACTIVE	No	W/O SIM OPS		
NPT								
Typ		SubTyp	Des		Start Date	End Date	Failed Item	Accountable Party
SURFACE EQUIPMENT		FRAC			3/1/2015 23:45	3/2/2015 01:00		FTS INTERNATIONAL SERVICES LLC.
Safety Checks								
Time		Type			Inspected By		Description	
05:45		SAFETY MEETING			CONSFORD/COUTTEE		PREJOB SAFETY MEETING.	
17:45		SAFETY MEETING			DANNY SEAY		PREJOB SAFETY MEETING.	
Plug Details								
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com
FRAC PLUG		14,187.0	14,189.0			3/1/2015		WEATHERFORD PLUG
FRAC PLUG		14,030.0	14,032.0			3/1/2015		WEATHERFORD PLUG
FRAC PLUG		13,883.0	13,885.0			3/2/2015		WEATHERFORD PLUG
Perforation Intervals								
Time	Zone			Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com
03:10	WOLFCAMP A, ORIGINAL HOLE			13,746.0	13,747.2	6.0	3 1/8	
03:10	WOLFCAMP A, ORIGINAL HOLE			13,776.0	13,777.2	6.0	3 1/8	
03:10	WOLFCAMP A, ORIGINAL HOLE			13,806.0	13,807.2	6.0	3 1/8	
03:10	WOLFCAMP A, ORIGINAL HOLE			13,836.0	13,837.2	6.0	3 1/8	
03:10	WOLFCAMP A, ORIGINAL HOLE			13,866.0	13,867.2	6.0	3 1/8	
19:05	WOLFCAMP A, ORIGINAL HOLE			13,898.0	13,899.2	6.0	3 1/8	
19:05	WOLFCAMP A, ORIGINAL HOLE			13,928.0	13,929.2	6.0	3 1/8	
19:05	WOLFCAMP A, ORIGINAL HOLE			13,958.0	13,959.2	6.0	3 1/8	
19:05	WOLFCAMP A, ORIGINAL HOLE			13,988.0	13,989.2	6.0	3 1/8	
19:05	WOLFCAMP A, ORIGINAL HOLE			14,018.0	14,019.2	6.0	3 1/8	
11:15	WOLFCAMP A, ORIGINAL HOLE			14,050.0	14,051.2	6.0	3 1/8	
11:15	WOLFCAMP A, ORIGINAL HOLE			14,079.0	14,080.2	6.0	3 1/8	
11:15	WOLFCAMP A, ORIGINAL HOLE			14,110.0	14,111.2	6.0	3 1/8	
11:15	WOLFCAMP A, ORIGINAL HOLE			14,140.0	14,141.2	6.0	3 1/8	
11:15	WOLFCAMP A, ORIGINAL HOLE			14,170.0	14,171.2	6.0	3 1/8	
Stimulations & Treatments								
STAGE 4 - HYDRAULIC FRAC on 3/1/2015 09:00								
Date 3/1/2015	Type HYDRAULIC FRAC	Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2900	
P Pre SI (psi) 1,120.0	ISIP (psi) 2,887.0	P Post SI (psi) 2,789.0	5 min SI (psi) 2111	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,128.0	BD Rate (bbl/min) 15	Q Treat Min... 66
Max Treat Pressure (psi)		Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)		Avg Treat Rate (bbl/min)	
7,180.0		5,668.0			76		74	
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER B-5 23 lb; BUFFER APB-1 40 gal; FRICTION REDUCER FRW-200 118 gal; GELLING AGENT HVG-1 4.0 330 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211860 lb; SPECTRUM TRACER OST 2900 4 kg								
STAGE 5 - HYDRAULIC FRAC on 3/1/2015 18:00								
Date 3/1/2015	Type HYDRAULIC FRAC	Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2310	
P Pre SI (psi) 1,196.0	ISIP (psi) 2,509.0	P Post SI (psi) 2,397.0	5 min SI (psi) 1870	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,390.0	BD Rate (bbl/min) 15	Q Treat Min... 74
Max Treat Pressure (psi)		Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)		Avg Treat Rate (bbl/min)	
6,192.0		5,234.0			77		76	
Total Add Amount BACTERICIDE ICI-3240 99 gal; FRICTION REDUCER FRW-200 255 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211860 lb; SPECTRUM TRACER OST 2310 4 kg								
STAGE 6 - HYDRAULIC FRAC on 3/2/2015 02:00								
Date 3/2/2015	Type HYDRAULIC FRAC	Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2900	
P Pre SI (psi) 1,237.0	ISIP (psi) 2,795.0	P Post SI (psi) 2,551.0	5 min SI (psi) 2307	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,977.0	BD Rate (bbl/min) 15	Q Treat Min... 74
Max Treat Pressure (psi)		Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)		Avg Treat Rate (bbl/min)	
7,232.0		5,540.0			77		76	
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER B-5 23 lb; BUFFER APB-1 80 gal; FRICTION REDUCER FRW-200 118 gal; GELLING AGENT HVG-1 4.0 430 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 212520 lb; SPECTRUM TRACER OST 2900 4 kg								



AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

Report Date 3/3/2015  
AFE # 1420104  
Total AFE 3,666,300

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date					
Job Information													
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date					
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 186,253		Cum Field Est (Cost) 688,614						
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)						
Daily Contacts													
Contacts COMP SUP, BRANDON COUTTEE, CRSCNT; COMP SUP, WES CONSFORD, LOOP; COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUPT, SETH MILLER, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT													
Daily Operations													
Operations Summary FRAC COMPLETED STAGES 7-9 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 8-10 OF 42.													
Planned Operations FRAC MULTIPLE STAGES													
Time Log													
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments		Unschd Typ	NPT				
05:00	06:00	1.00	1.00	INACTIVE	No	W/O SIM OPS							
06:00	08:30	2.50	3.50	GENERAL OPERATIONS	No	GREASE AND TORQUE FRAC STACK							
08:30	10:30	2.00	5.50	FRAC. JOB	No	FRAC STAGE 7 OF 42							
10:30	12:00	1.50	7.00	PERFORATING	No	PLUG/PERF STAGE 8 OF 42							
12:00	16:30	4.50	11.50	INACTIVE	No	W/O SIM OPS							
16:30	18:00	1.50	13.00	FRAC. JOB	No	FRAC STAGE 8 OF 42							
18:00	20:45	2.75	15.75	PERFORATING	No	PLUG/PERF STAGE 9 OF 42							
20:45	23:15	2.50	18.25	INACTIVE	No	W/O SIM OPS							
23:15	01:30	2.25	20.50	FRAC. JOB	No	FRAC STAGE 9 OF 42							
01:30	03:30	2.00	22.50	PERFORATING	No	PLUG/PERF STAGE 10 OF 42							
03:30	05:00	1.50	24.00	INACTIVE	No	W/O SIM OPS							
Safety Checks													
Time		Type			Inspected By		Description						
05:45		SAFETY MEETING			CONSFORD/COUTTEE		PREJOB SAFETY MEETING.						
17:45		SAFETY MEETING			ROQUE DE LA TORRE/SETH MILLER		PREJOB SAFETY MEETING.						
Plug Details													
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com					
FRAC PLUG		13,731.0	13,733.0			3/2/2015		WEATHERFORD PLUG					
FRAC PLUG		13,579.0	13,581.0			3/2/2015		WEATHERFORD PLUG					
FRAC PLUG		13,430.0	13,432.0			3/3/2015		WEATHERFORD PLUG					
Perforation Intervals													
Time	Zone			Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com					
02:30	WOLFCAMP A, ORIGINAL HOLE			13,295.0	13,296.2	6.0	3 1/8						
02:30	WOLFCAMP A, ORIGINAL HOLE			13,320.0	13,321.2	6.0	3 1/8						
02:30	WOLFCAMP A, ORIGINAL HOLE			13,350.0	13,351.2	6.0	3 1/8						
02:30	WOLFCAMP A, ORIGINAL HOLE			13,375.0	13,376.2	6.0	3 1/8						
02:30	WOLFCAMP A, ORIGINAL HOLE			13,410.0	13,411.2	6.0	3 1/8						
19:15	WOLFCAMP A, ORIGINAL HOLE			13,442.0	13,443.2	6.0	3 1/8						
19:15	WOLFCAMP A, ORIGINAL HOLE			13,475.0	13,476.2	6.0	3 1/8						
19:15	WOLFCAMP A, ORIGINAL HOLE			13,502.0	13,503.2	6.0	3 1/8						
19:15	WOLFCAMP A, ORIGINAL HOLE			13,532.0	13,533.2	6.0	3 1/8						
19:15	WOLFCAMP A, ORIGINAL HOLE			13,562.0	13,563.2	6.0	3 1/8						
11:30	WOLFCAMP A, ORIGINAL HOLE			13,594.0	13,595.2	6.0	3 1/8						
11:30	WOLFCAMP A, ORIGINAL HOLE			13,624.0	13,625.2	6.0	3 1/8						
11:30	WOLFCAMP A, ORIGINAL HOLE			13,654.0	13,655.2	6.0	3 1/8						
11:30	WOLFCAMP A, ORIGINAL HOLE			13,684.0	13,685.2	6.0	3 1/8						
11:30	WOLFCAMP A, ORIGINAL HOLE			13,714.0	13,715.2	6.0	3 1/8						
Stimulations & Treatments													
STAGE 7 - HYDRAULIC FRAC on 3/2/2015 08:30													
Date 3/2/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2310					
P Pre SI (psi) 1,201.0	ISIP (psi) 2,255.0	P Post SI (psi) 2,165.0	5 min SI (psi) 1855	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,987.0	BD Rate (bbl/min) 15	Q Treat Min... 74	Q Treat Max... 76	Q Treat Avg... 75	Avg Treat Pr... 5,077.0	Proppant De... 245,000	Prop Placed... 247,540
Max Treat Pressure (psi) 7,297.0			Avg Treat Pressure (psi) 5,077.0			Max Treat Rate (bbl/min) 76			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 9951.00	
Total Add Amount BACTERICIDE ICI-3240 99 gal; FRICTION REDUCER FRW-200 263 gal; PROPPANT 100 MESH 36000 lb; PROPPANT 40/70 WHITE 211540 lb; SPECTRUM TRACER OST 2310 4 kg													
STAGE 8 - HYDRAULIC FRAC on 3/2/2015 18:10													
Date 3/2/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2900					
P Pre SI (psi) 1,165.0	ISIP (psi) 2,798.0	P Post SI (psi) 2,612.0	5 min SI (psi) 2281	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,567.0	BD Rate (bbl/min) 15	Q Treat Min... 73	Q Treat Max... 77	Q Treat Avg... 75	Avg Treat Pr... 5,568.0	Proppant De... 245,000	Prop Placed... 244,820
Max Treat Pressure (psi) 7,163.0			Avg Treat Pressure (psi) 5,568.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 4161.00	
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER B-5 12 lb; BUFFER APB-1 50 gal; FRICTION REDUCER FRW-200 118 gal; GELLING AGENT HVG-1 4.0 530 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 210820 lb; SPECTRUM TRACER OST 2900 4 kg													
STAGE 9 - HYDRAULIC FRAC on 3/3/2015 01:30													
Date 3/3/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2310					
P Pre SI (psi) 1,405.0	ISIP (psi) 2,436.0	P Post SI (psi) 2,187.0	5 min SI (psi) 2033	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,199.0	BD Rate (bbl/min) 15	Q Treat Min... 75	Q Treat Max... 76	Q Treat Avg... 75	Avg Treat Pr... 5,288.0	Proppant De... 245,000	Prop Placed... 243,980
Max Treat Pressure (psi) 7,468.0			Avg Treat Pressure (psi) 5,288.0			Max Treat Rate (bbl/min) 76			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 8530.00	
Total Add Amount BACTERICIDE ICI-3240 107 gal; FRICTION REDUCER FRW-200 171 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 209980 lb; SPECTRUM TRACER OST 2310 4 kg													



42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date					
Job Information													
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date					
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 175,708		Cum Field Est (Cost) 864,321						
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)						
Daily Contacts													
Contacts COMP SUPVR, TOMMY GOFORTH, CRSCNT; COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT													
Daily Operations													
Operations Summary FRAC COMPLETED STAGES 10 -12 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 11 -13 OF 42.													
Planned Operations FRAC MULTIPLE STAGES													
Time Log													
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments		Unschd Typ	NPT				
05:00	07:00	2.00	2.00	GENERAL OPERATIONS	No	GREASE AND TORQUE FRAC STACK AND ZIPPER							
07:00	08:00	1.00	3.00	INACTIVE	No	WAITING ON SIM OPS							
08:00	09:30	1.50	4.50	FRAC. JOB	No	FRAC STAGE 10 OF 42							
09:30	11:00	1.50	6.00	PERFORATING	No	PLUG/PERF STAGE 11 OF 42							
11:00	14:45	3.75	9.75	FRAC. JOB	No	FRAC STAGE 11 OF 42							
14:45	16:15	1.50	11.25	PERFORATING	No	PLUG/PERF STAGE 12 OF 42							
16:15	22:15	6.00	17.25	INACTIVE	No	WAITING ON SIM OPS							
22:15	00:00	1.75	19.00	FRAC. JOB	No	FRAC STAGE 12 OF 42							
00:00	01:45	1.75	20.75	PERFORATING	No	PLUG/PERF STAGE 13 OF 42							
01:45	03:30	1.75	22.50	INACTIVE	No	WAITING ON SIM OPS							
03:30	05:00	1.50	24.00	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD. AT REPORT TIME.							
Safety Checks													
Time		Type			Inspected By			Description					
05:45		SAFETY MEETING			E. LEASURE			PREJOB SAFETY MEETING.					
17:45		SAFETY MEETING			ROQUE DE LA TORRE/TOMMY GOFORTH			PRE JOB SAFETY MEETING					
Plug Details													
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com					
FRAC PLUG		13,270.0	13,272.0			3/3/2015		WEATHERFORD PLUG					
FRAC PLUG		13,123.0	13,125.0			3/3/2015		WEATHERFORD PLUG					
FRAC PLUG		12,967.0	12,969.0			3/4/2015		WEATHERFORD PLUG					
Perforation Intervals													
Time	Zone			Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)	Gun Size (in)	Com			
01:00	WOLFCAMP A, ORIGINAL HOLE			12,831.0		13,832.2		6.0	3 1/8				
01:00	WOLFCAMP A, ORIGINAL HOLE			12,864.0		12,865.2		6.0	3 1/8				
01:00	WOLFCAMP A, ORIGINAL HOLE			12,894.0		12,895.2		6.0	3 1/8				
01:00	WOLFCAMP A, ORIGINAL HOLE			12,922.0		12,923.2		6.0	3 1/8				
01:00	WOLFCAMP A, ORIGINAL HOLE			12,954.0		12,955.2		6.0	3 1/8				
18:15	WOLFCAMP A, ORIGINAL HOLE			12,986.0		12,987.2		6.0	3 1/8				
18:15	WOLFCAMP A, ORIGINAL HOLE			13,012.0		13,013.2		6.0	3 1/8				
18:15	WOLFCAMP A, ORIGINAL HOLE			13,046.0		13,047.2		6.0	3 1/8				
18:15	WOLFCAMP A, ORIGINAL HOLE			13,076.0		13,077.2		6.0	3 1/8				
18:15	WOLFCAMP A, ORIGINAL HOLE			13,104.0		13,105.2		6.0	3 1/8				
10:15	WOLFCAMP A, ORIGINAL HOLE			13,138.0		13,139.2		6.0	3 1/8				
10:15	WOLFCAMP A, ORIGINAL HOLE			13,168.0		13,169.2		6.0	3 1/8				
10:15	WOLFCAMP A, ORIGINAL HOLE			13,195.0		13,196.2		6.0	3 1/8				
10:15	WOLFCAMP A, ORIGINAL HOLE			13,228.0		13,229.2		6.0	3 1/8				
10:15	WOLFCAMP A, ORIGINAL HOLE			13,258.0		13,259.2		6.0	3 1/8				
Stimulations & Treatments													
STAGE 10 - HYDRAULIC FRAC on 3/3/2015 08:00													
Date 3/3/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2900					
P Pre SI (psi) 5,235.0	ISIP (psi) 2,709.0	P Post SI (psi) 2,500.0	5 min SI (psi) 2251	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,126.0	BD Rate (bbl... 15	Q Treat Min... 74	Q Treat Max... 76	Q Treat Avg... 75	Avg Treat Pr... 5,472.0	Proppant De... 245,000	Prop Placed... 245,200
Max Treat Pressure (psi) 7,042.0			Avg Treat Pressure (psi) 5,472.0			Max Treat Rate (bbl/min) 76			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 4449.00	
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER B-5 17 lb; BUFFER APB-1 80 gal; FRICTION REDUCER FRW-200 74 gal; GELLING AGENT HVG-1 4.0 400 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211040 lb; SPECTRUM TRACER OST 2900 4 kg													
STAGE 11 - HYDRAULIC FRAC on 3/3/2015 14:49													
Date 3/3/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2310					
P Pre SI (psi) 1,324.0	ISIP (psi) 2,380.0	P Post SI (psi) 2,200.0	5 min SI (psi) 1945	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,100.0	BD Rate (bbl... 15	Q Treat Min... 74	Q Treat Max... 77	Q Treat Avg... 75	Avg Treat Pr... 5,056.0	Proppant De... 245,000	Prop Placed... 245,200
Max Treat Pressure (psi) 7,022.0			Avg Treat Pressure (psi) 5,056.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 8522.00	
Total Add Amount BACTERICIDE ICI-3240 99 gal; FRICTION REDUCER FRW-200 183 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211200 lb; SPECTRUM TRACER OST 3400 4 kg													
STAGE 12 - HYDRAULIC FRAC on 3/4/2015 00:05													
Date 3/4/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 4100					
P Pre SI (psi) 1,268.0	ISIP (psi) 2,680.0	P Post SI (psi) 2,426.0	5 min SI (psi) 2258	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,557.0	BD Rate (bbl... 15	Q Treat Min... 75	Q Treat Max... 77	Q Treat Avg... 76	Avg Treat Pr... 5,727.0	Proppant De... 245,000	Prop Placed... 245,340
Max Treat Pressure (psi) 6,739.0			Avg Treat Pressure (psi) 5,727.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 76			V clean+slurry (bbl) 4443.00	
Total Add Amount BACTERICIDE ICI-3240 6 gal; BREAKER B-5 19 lb; BUFFER APB-1 80 gal; FRICTION REDUCER FRW-200 46 gal; GELLING AGENT HVG-1 4.0 470 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211340 lb; SPECTRUM TRACER OST 4100 4 kg													

42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date					
Job Information													
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date					
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 183,033		Cum Field Est (Cost) 1,084,017						
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)						
Daily Contacts													
Contacts COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT													
Daily Operations													
Operations Summary FRAC COMPLETED STAGES 13 -15 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 14 -16 OF 42.													
Planned Operations FRAC MULTIPLE STAGES													
Time Log													
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments		Unschd Typ	NPT				
05:00	05:30	0.50	0.50	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD.							
05:30	08:00	2.50	3.00	FRAC. JOB	No	FRAC STAGE 13 OF 42							
08:00	09:30	1.50	4.50	PERFORATING	No	PLUG/PERF STAGE 14 OF 42							
09:30	14:30	5.00	9.50	INACTIVE	No	WAITING ON SIM OPS							
14:30	15:45	1.25	10.75	FRAC. JOB	No	FRAC STAGE 14 OF 42							
15:45	17:15	1.50	12.25	PERFORATING	No	PLUG/PERF STAGE 15 OF 42							
17:15	20:00	2.75	15.00	INACTIVE	No	WAITING ON SIM OPS							
20:00	22:45	2.75	17.75	FRAC. JOB	No	FRAC STAGE 15 OF 42							
22:45	01:15	2.50	20.25	PERFORATING	No	PLUG/PERF STAGE 16 OF 42							
01:15	04:00	2.75	23.00	INACTIVE	No	WAITING ON SIM OPS							
04:00	05:00	1.00	24.00	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD.							
Safety Checks													
Time		Type			Inspected By		Description						
05:45		SAFETY MEETING			E. LEASURE/DANNY SEAY		PRE TOUR SM						
17:45		SAFETY MEETING			ROQUE DE LA TORRE/TOMMY GOFORTH		PRE JOB SAFETY MEETING						
Plug Details													
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com					
FRAC PLUG		12,814.0	12,816.0			3/4/2015		WEATHERFORD PLUG					
FRAC PLUG		12,667.0	12,669.0			3/4/2015		WEATHERFORD PLUG					
FRAC PLUG		12,513.0	12,515.0			3/4/2015		WEATHERFORD PLUG. STAGE #16.					
Perforation Intervals													
Time	Zone			Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com					
23:45	WOLFCAMP A, ORIGINAL HOLE			12,378.0	12,379.2	6.0	3 1/8						
23:45	WOLFCAMP A, ORIGINAL HOLE			12,408.0	12,409.2	6.0	3 1/8						
23:45	WOLFCAMP A, ORIGINAL HOLE			12,438.0	12,439.2	6.0	3 1/8						
23:45	WOLFCAMP A, ORIGINAL HOLE			12,468.0	12,469.2	6.0	3 1/8						
23:45	WOLFCAMP A, ORIGINAL HOLE			12,498.0	12,499.2	6.0	3 1/8						
16:45	WOLFCAMP A, ORIGINAL HOLE			12,530.0	12,531.2	6.0	3 1/8						
16:45	WOLFCAMP A, ORIGINAL HOLE			12,560.0	12,561.2	6.0	3 1/8						
16:45	WOLFCAMP A, ORIGINAL HOLE			12,590.0	12,591.2	6.0	3 1/8						
16:45	WOLFCAMP A, ORIGINAL HOLE			12,620.0	12,621.2	6.0	3 1/8						
16:45	WOLFCAMP A, ORIGINAL HOLE			12,650.0	12,651.2	6.0	3 1/8						
09:00	WOLFCAMP A, ORIGINAL HOLE			12,682.0	12,683.2	6.0	3 1/8						
09:00	WOLFCAMP A, ORIGINAL HOLE			12,712.0	12,713.2	6.0	3 1/8						
09:00	WOLFCAMP A, ORIGINAL HOLE			12,740.0	12,741.2	6.0	3 1/8						
09:00	WOLFCAMP A, ORIGINAL HOLE			12,772.0	12,773.2	6.0	3 1/8						
09:00	WOLFCAMP A, ORIGINAL HOLE			12,802.0	12,803.2	6.0	3 1/8						
Stimulations & Treatments													
STAGE 13 - HYDRAULIC FRAC on 3/4/2015 08:00													
Date 3/4/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 3400				
P Pre SI (psi) 1,212.0	ISIP (psi) 2,499.0	P Post SI (psi) 2,300.0	5 min SI (psi) 2051	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,265.0	BD Rate (bbl/min) 15	Q Treat Min... 75	Q Treat Max... 77	Q Treat Avg... 77	Avg Treat Pr... 5,528.0	Proppant De... 245,000	Prop Placed... 245,180
Max Treat Pressure (psi) 7,407.0			Avg Treat Pressure (psi) 5,528.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 77			V clean+slurry (bbl) 8551.00	
Total Add Amount BACTERICIDE ICI-3240 110 gal; FRICTION REDUCER FRW-200 202 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211180 lb; SPECTRUM TRACER OST 3400 4 kg													
STAGE 14 - HYDRAULIC FRAC on 3/4/2015 14:30													
Date 3/4/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL						



AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

Report Date 3/6/2015  
AFE # 1420104  
Total AFE 3,666,300

AMERICAN ENERGY  
PARTNERS

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date					
Job Information													
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date					
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 181,069		Cum Field Est (Cost) 1,263,587						
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)						
Daily Contacts													
Contacts COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT													
Daily Operations													
Operations Summary FRAC COMPLETED STAGES 16-18 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 17-19 OF 42.													
Planned Operations FRAC MULTIPLE STAGES													
Time Log													
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT					
05:00	05:45	0.75	0.75	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD.							
05:45	06:00	0.25	1.00	FRAC. JOB	No	START STAGE 16 FRAC BLENDER COULD NOT KEEP UP SHUT DOWN AND SWAP OVER TO BACK UP							
06:00	06:45	0.75	1.75	DOWNTIME	No	FTSI SWAPED OVER TO THEIR BACKUP BLENDER PRIOR TO STARTING STAGE 16. THE MANIFOLD WAS PARTIALLY FROZEN, AND COULD NOT GET DESIRED RATE. SWAPED BACK TO BLENDER 54 AND RESUMED STAGE		Yes					
06:45	08:00	1.25	3.00	FRAC. JOB	No	FRAC STAGE 16 OF 42							
08:00	09:30	1.50	4.50	PERFORATING	No	PLUG/PERF STAGE 17 OF 42							
09:30	14:00	4.50	9.00	INACTIVE	No	WAITING ON SIM OPS							
14:00	16:45	2.75	11.75	FRAC. JOB	No	FRAC STAGE 17 OF 42							
16:45	19:15	2.50	14.25	PERFORATING	No	PLUG/PERF STAGE 18 OF 42							
19:15	23:00	3.75	18.00	INACTIVE	No	WAITING ON SIM OPS							
23:00	00:30	1.50	19.50	FRAC. JOB	No	FRAC STAGE 18 OF 42							
00:30	02:00	1.50	21.00	PERFORATING	No	PLUG/PERF STAGE 19 OF 42							
02:00	03:30	1.50	22.50	INACTIVE	No	WAITING ON SIM OPS							
03:30	05:00	1.50	24.00	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD AT REPORT TIME.							
NPT													
Typ		SubTyp		Des		Start Date	End Date	Failed Item	Accountable Party	Dur (hr)			
SURFACE EQUIPMENT		FRAC		FTSI SWAPED OVER TO THEIR BACKUP BLENDER PRIOR TO		3/5/2015 06:00	3/5/2015 06:45		FTS INTERNATIONAL SERVICES LLC.	0.75			
Safety Checks													
Time		Type				Inspected By		Description					
05:45		SAFETY MEETING				E. LEASURE/DANNY SEAY		PRE TOUR SM					
17:45		SAFETY MEETING				ROQUE DE LA TORRE/TOMMY GOFORTH		PRE JOB SAFETY MEETING					
Plug Details													
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com					
FRAC PLUG		12,363.0	12,365.0			3/5/2015		WEATHERFORD PLUG STAGE 17					
FRAC PLUG		12,211.0	12,213.0			3/5/2015		WEATHERFORD PLUG STAGE 18					
FRAC PLUG		12,059.0	12,061.0			3/6/2015		WEATHERFORD PLUG STAGE 19					
Perforation Intervals													
Time	Zone			Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)	Com		
01:15	WOLFCAMP A, ORIGINAL HOLE			11,922.0		11,923.2		6.0		3 1/8			
01:15	WOLFCAMP A, ORIGINAL HOLE			11,954.0		11,955.2		6.0		3 1/8			
01:15	WOLFCAMP A, ORIGINAL HOLE			11,982.0		11,983.2		6.0		3 1/8			
01:15	WOLFCAMP A, ORIGINAL HOLE			12,012.0		12,013.2		6.0		3 1/8			
01:15	WOLFCAMP A, ORIGINAL HOLE			12,042.0		0.0		6.0		3 1/8			
16:45	WOLFCAMP A, ORIGINAL HOLE			12,074.0		12,075.2		6.0		3 1/8			
16:45	WOLFCAMP A, ORIGINAL HOLE			12,104.0		12,105.2		6.0		3 1/8			
16:45	WOLFCAMP A, ORIGINAL HOLE			12,134.0		12,135.2		6.0		3 1/8			
16:45	WOLFCAMP A, ORIGINAL HOLE			12,164.0		12,165.2		6.0		3 1/8			
16:45	WOLFCAMP A, ORIGINAL HOLE			12,194.0		12,195.2		6.0		3 1/8			
09:00	WOLFCAMP A, ORIGINAL HOLE			12,226.0		12,227.2		6.0		3 1/8			
09:00	WOLFCAMP A, ORIGINAL HOLE			12,256.0		12,257.2		6.0		3 1/8			
09:00	WOLFCAMP A, ORIGINAL HOLE			12,286.0		12,287.2		6.0		3 1/8			
09:00	WOLFCAMP A, ORIGINAL HOLE			12,316.0		12,317.2		6.0		3 1/8			
09:00	WOLFCAMP A, ORIGINAL HOLE			12,346.0		12,347.2		6.0		3 1/8			
Stimulations & Treatments													
STAGE 16 - HYDRAULIC FRAC on 3/5/2015 05:45													
Date 3/5/2015	Type HYDRAULIC FRAC				Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 4100				
P Pre SI (psi) 1,036.0	ISIP (psi) 2,748.0	P Post SI (psi) 2,500.0	5 min SI (psi) 2331	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,187.0	BD Rate (bbl/min) 15	Q Treat Min... 67	Q Treat Max... 77	Q Treat Avg... 77	Avg Treat Pr... 5,201.0	Proppant De... 245,000	Prop Placed... 244,820
Max Treat Pressure (psi) 6,991.0			Avg Treat Pressure (psi) 5,201.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 77			V clean+slurry (bbl) 4832.00	
Total Add Amount BACTERICIDE ICI-3240 57 gal; BREAKER APB-1 83 lb; BUFFER B-5 13 gal; FRICTION REDUCER FRW-200 107 gal; GELLING AGENT HVG-1 4.0 400 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 210820 lb; SPECTRUM TRACER OST 4100 4 kg													
STAGE 17 - HYDRAULIC FRAC on 3/5/2015 13:52													
Date 3/5/2015	Type HYDRAULIC FRAC				Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 3400				
P Pre SI (psi) 1,260.0	ISIP (psi) 2,555.0	P Post SI (psi) 2,200.0	5 min SI (psi) 2057	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,132.0	BD Rate (bbl/min) 15	Q Treat Min... 76	Q Treat Max... 78	Q Treat Avg... 77	Avg Treat Pr... 5,013.0	Proppant De... 245,000	Prop Placed... 245,660
Max Treat Pressure (psi) 6,629.0			Avg Treat Pressure (psi) 5,013.0			Max Treat Rate (bbl/min) 78			Avg Treat Rate (bbl/min) 77			V clean+slurry (bbl) 8430.00	
Total Add Amount BACTERICIDE ICI-3240 99 gal; FRICTION REDUCER FRW-200 244 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211660 lb; SPECTRUM TRACER OST 3400 4 kg													
STAGE 18 - HYDRAULIC FRAC on 3/6/2015 00:20													
Date 3/6/2015	Type HYDRAULIC FRAC				Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 4100				
P Pre SI (psi) 1,189.0	ISIP (psi) 3,014.0	P Post SI (psi) 2,712.0	5 min SI (psi) 2334	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,718.0	BD Rate (bbl/min) 15	Q Treat Min... 75	Q Treat Max... 76	Q Treat Avg... 75	Avg Treat Pr... 5,271.0	Proppant De... 245,000	Prop Placed... 245,300
Max Treat Pressure (psi) 5,765.0			Avg Treat Pressure (psi) 5,271.0			Max Treat Rate (bbl/min) 76			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 4232.00	
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER APB-1 80 lb; BUFFER B-5 19 gal; FRICTION REDUCER FRW-200 40 gal; GELLING AGENT HVG-1 4.0 440 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211300 lb; SPECTRUM TRACER OST 4100 4 kg													



AMERICAN ENERGY  
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date 3/7/2015  
AFE # 1420104  
Total AFE 3,666,300

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date
-----------------------	----------------	------------------	---------------------------	-----------------------------------	-------------------	---------------------------	-------------------------------	-----------------

Job Information

Job Category COMPLETION	Primary Job Type COMPLETION - ORIGINAL	Secondary Job Type	Start Date 2/12/2015	End Date
AFE Number 1420104	Supplemental AFE Number	Daily Field Est (Cost) 131,218	Cum Field Est (Cost)	1,410,205
Number of Stages (ft) 42	Lateral Length (ft) 6,500	Time Since LTI (days)	Time Since Reportable Incident (days)	

Daily Contacts

Contacts COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT
--

Daily Operations

Operations Summary FRAC COMPLETED STAGES 19-20 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 20-21 OF 42.
Planned Operations FRAC MULTIPLE STAGES

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT
05:00	05:30	0.50	0.50	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD.		
05:30	07:30	2.00	2.50	FRAC. JOB	No	FRAC STAGE 19 OF 42		
07:30	09:00	1.50	4.00	PERFORATING	No	PLUG/PERF STAGE 20 OF 42		
09:00	13:30	4.50	8.50	INACTIVE	No	WAITING ON SIM OPS		
13:30	14:30	1.00	9.50	PRESSURE TEST	No	PRESSURE TEST VALVES ON THE ZIPPER MANIFOLD.		
14:30	17:30	3.00	12.50	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD.		
17:30	19:00	1.50	14.00	FRAC. JOB	No	FRAC STAGE 20 OF 42		
19:00	20:15	1.25	15.25	PERFORATING	No	PLUG/PERF STAGE 21 OF 42		
20:15	05:00	8.75	24.00	GENERAL OPERATIONS	No	WAITING ON SIM OPS		

Safety Checks

Time	Type	Inspected By	Description
05:45	SAFETY MEETING	E. LEASURE/DANNY SEAY	PRE JOB SAFETY MEETING
17:45	SAFETY MEETING	ROQUE DE LA TORRE/TOMMY GOFORTH	PRE JOB SAFETY MEETING

Plug Details

Des	Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com
FRAC PLUG	11,909.0	11,911.0	4.67		3/6/2015		STAGE 20
FRAC PLUG	11,755.0	11,757.0	4.67		3/6/2015		STAGE 21

Perforation Intervals

Time	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com
19:30	WOLFCAMP A, ORIGINAL HOLE	11,618.0	11,619.2	6.0	3 1/8	
19:30	WOLFCAMP A, ORIGINAL HOLE	11,648.0	11,649.2	6.0	3 1/8	
19:30	WOLFCAMP A, ORIGINAL HOLE	11,678.0	11,679.2	6.0	3 1/8	
19:30	WOLFCAMP A, ORIGINAL HOLE	11,708.0	11,709.2	6.0	3 1/8	
19:30	WOLFCAMP A, ORIGINAL HOLE	11,738.0	11,739.2	6.0	3 1/8	
08:30	WOLFCAMP A, ORIGINAL HOLE	11,773.0	11,774.2	6.0	3 1/8	
08:30	WOLFCAMP A, ORIGINAL HOLE	11,800.0	11,801.2	6.0	3 1/8	
08:30	WOLFCAMP A, ORIGINAL HOLE	11,830.0	11,831.2	6.0	3 1/8	
08:30	WOLFCAMP A, ORIGINAL HOLE	11,863.0	11,864.2	6.0	3 1/8	
08:30	WOLFCAMP A, ORIGINAL HOLE	11,890.0	11,891.2	6.0	3 1/8	

Stimulations & Treatments

STAGE 19 - HYDRAULIC FRAC on 3/6/2015 07:30

Date	Type				Zone				Stim/Treat Company			Comment		
3/6/2015	HYDRAULIC FRAC				WOLFCAMP A, ORIGINAL HOLE				FTS INTERNATIONAL			RAN SPECTRUM TRACER - OST 3400		
P Pre SI (psi)	ISIP (psi)	P Post SI (psi)	5 min SI (psi)	10 min SI (psi)	15 min SI (psi)	P Break (psi)	BD Rate (bbl/min)	Q Treat Min...	Q Treat Max...	Q Treat Avg...	Avg Treat Pr...	Proppant De...	Prop Placed...	
1,213.0	2,385.0	2,250.0	2100			3,262.0	15	73	79	77	5,694.0	245,000	245,060	
Max Treat Pressure (psi)			Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)			Avg Treat Rate (bbl/min)			V clean+slurry (bbl)		
7,256.0			5,694.0			79			77			8461.00		
Total Add Amount														
BACTERICIDE ICI-3240 103 gal; FRICTION REDUCER FRW-200 190 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211660 lb; SPECTRUM TRACER OST 3400 4 kg														

STAGE 20 - HYDRAULIC FRAC on 3/6/2015 18:41

Date	Type					Zone			Stim/Treat Company			Comment		
3/6/2015	HYDRAULIC FRAC					WOLFCAMP A, ORIGINAL HOLE			FTS INTERNATIONAL			RAN SPECTRUM TRACER - OST 4100		
P Pre SI (psi)	ISIP (psi)	P Post SI (psi)	5 min SI (psi)	10 min SI (psi)	15 min SI (psi)	P Break (psi)	BD Rate (bbl/min)	Q Treat Min (bbl/min)	Q Treat Max (bbl/min)	Q Treat Avg (bbl/min)	Avg Treat Pr (bbl/min)	Proppant De (lb)	Prop Placed (lb)	
1,142.0	2,732.0	2,645.0	2155			3,474.0	15	76	77	76	5,001.0	245,000	245,520	
Max Treat Pressure (psi)			Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)			Avg Treat Rate (bbl/min)			V clean+slurry (bbl)		
5,795.0			5,001.0			77			76			4509.00		
Total Add Amount														
BACTERICIDE ICI-3240 50 gal; BREAKER APB-1 80 lb; BUFFER B-5 23 gal; FRICTION REDUCER FRW-200 76 gal; GELLING AGENT HVG-1 4.0 450 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211520 lb; SPECTRUM TRACER OST 4100 4 kg														



AMERICAN ENERGY  
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date 3/8/2015  
AFE # 1420104  
Total AFE 3,666,300

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date					
Job Information													
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date					
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 177,193		Cum Field Est (Cost) 1,517,588						
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)						
Daily Contacts													
Contacts COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT													
Daily Operations													
Operations Summary FRAC COMPLETED STAGES 21-23 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 22-24 OF 42.													
ADJUSTED TIME LOG FOR TIME CHANGE													
Planned Operations FRAC MULTIPLE STAGES													
Time Log													
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT					
05:00	09:30	4.50	4.50	INACTIVE	No	WAITING ON SIM OPS.							
09:30	11:30	2.00	6.50	FRAC. JOB	No	FRAC STAGE 21 OF 42							
11:30	13:00	1.50	8.00	PERFORATING	No	PLUG/PERF STAGE 22 OF 42							
13:00	16:30	3.50	11.50	INACTIVE	No	WAITING ON SIM OPS							
16:30	17:45	1.25	12.75	FRAC. JOB	No	FRAC STAGE 22 OF 42							
17:45	19:45	2.00	14.75	PERFORATING	No	PLUG/PERF STAGE 23 OF 42							
19:45	21:15	1.50	16.25	INACTIVE	No	WAITING ON SIM OPS							
21:15	23:45	2.50	18.75	FRAC. JOB	No	FRAC STAGE 23 OF 42							
23:45	02:00	2.25	21.00	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD.							
02:00	04:00	2.00	23.00	PERFORATING	No	PLUG/PERF STAGE 24 OF 42							
Safety Checks													
Time		Type			Inspected By		Description						
05:45		SAFETY MEETING			E. LEASURE/DANNY SEAY		PRE JOB SAFETY MEETING						
17:45		SAFETY MEETING			ROQUE DE LA TORRE/TOMMY GOFORTH		PRE JOB SAFETY MEETING						
Plug Details													
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com					
FRAC PLUG		11,603.0	11,605.0	4.67		3/7/2015		STAGE 22					
FRAC PLUG		11,454.0	11,456.0	4.67		3/7/2015		STAGE 23					
FRAC PLUG		11,299.0	11,301.0	4.67		3/8/2015		STAGE 24					
Perforation Intervals													
Time	Zone			Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com					
03:30	WOLFCAMP A, ORIGINAL HOLE			11,162.0	11,163.2	6.0	3 1/8						
03:30	WOLFCAMP A, ORIGINAL HOLE			11,192.0	11,193.2	6.0	3 1/8						
03:30	WOLFCAMP A, ORIGINAL HOLE			11,228.0	11,229.2	6.0	3 1/8						
03:30	WOLFCAMP A, ORIGINAL HOLE			11,252.0	11,253.2	6.0	3 1/8						
03:30	WOLFCAMP A, ORIGINAL HOLE			11,282.0	11,283.2	6.0	3 1/8						
18:30	WOLFCAMP A, ORIGINAL HOLE			11,310.0	11,311.2	6.0	3 1/8						
18:30	WOLFCAMP A, ORIGINAL HOLE			11,344.0	11,345.2	6.0	3 1/8						
18:30	WOLFCAMP A, ORIGINAL HOLE			11,374.0	11,375.2	6.0	3 1/8						
18:30	WOLFCAMP A, ORIGINAL HOLE			11,400.0	11,401.2	6.0	3 1/8						
18:30	WOLFCAMP A, ORIGINAL HOLE			11,434.0	11,435.2	6.0	3 1/8						
12:30	WOLFCAMP A, ORIGINAL HOLE			11,466.0	11,467.2	6.0	3 1/8						
12:30	WOLFCAMP A, ORIGINAL HOLE			11,491.0	11,492.2	6.0	3 1/8						
12:30	WOLFCAMP A, ORIGINAL HOLE			11,526.0	11,527.2	6.0	3 1/8						
12:30	WOLFCAMP A, ORIGINAL HOLE			11,556.0	11,557.2	6.0	3 1/8						
12:30	WOLFCAMP A, ORIGINAL HOLE			11,583.0	11,584.2	6.0	3 1/8						
Stimulations & Treatments													
STAGE 21 - HYDRAULIC FRAC on 3/7/2015 09:30													
Date 3/7/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 5510					
P Pre SI (psi) 1,195.0	ISIP (psi) 2,567.0	P Post SI (psi) 2,450.0	5 min SI (psi) 2037	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,305.0	BD Rate (bbl... 15	Q Treat Min... 75	Q Treat Max... 76	Q Treat Avg... 75	Avg Treat Pr... 4,905.0	Proppant De... 245,000	Prop Placed... 243,880
Max Treat Pressure (psi) 6,837.0			Avg Treat Pressure (psi) 4,905.0			Max Treat Rate (bbl/min) 76			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 8384.00	
Total Add Amount BACTERICIDE ICI-3240 99 gal; FRICTION REDUCER FRW-200 175 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 209880 lb; SPECTRUM TRACER OST 5510 4 kg													
STAGE 22 - HYDRAULIC FRAC on 3/7/2015 16:30													
Date 3/7/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2600					
P Pre SI (psi) 1,219.0	ISIP (psi) 2,661.0	P Post SI (psi) 2,450.0	5 min SI (psi) 2161	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,093.0	BD Rate (bbl... 15	Q Treat Min... 74	Q Treat Max... 77	Q Treat Avg... 75	Avg Treat Pr... 4,830.0	Proppant De... 245,000	Prop Placed... 245,880
Max Treat Pressure (psi) 6,413.0			Avg Treat Pressure (psi) 4,830.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 4307.00	
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER APB-1 90 lb; BUFFER B-5 15 gal; FRICTION REDUCER FRW-200 107 gal; GELLING AGENT HVG-1 4.0 450 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211880 lb; SPECTRUM TRACER OST 2600 4 kg													
STAGE 23 - HYDRAULIC FRAC on 3/7/2015 23:37													
Date 3/7/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE		Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 5510					
P Pre SI (psi) 1,313.0	ISIP (psi) 2,491.0	P Post SI (psi) 2,237.0	5 min SI (psi) 1967	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,434.0	BD Rate (bbl... 15	Q Treat Min... 71	Q Treat Max... 77	Q Treat Avg... 75	Avg Treat Pr... 5,156.0	Proppant De... 245,000	Prop Placed... 237,820
Max Treat Pressure (psi) 7,214.0			Avg Treat Pressure (psi) 5,156.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 8331.00	
Total Add Amount BACTERICIDE ICI-3240 103 gal; FRICTION REDUCER FRW-200 84 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 203820 lb; SPECTRUM TRACER OST 5510 4 kg													





AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

Report Date 3/9/2015  
AFE # 1420104  
Total AFE 3,666,300

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date					
Job Information													
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date					
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 175,559		Cum Field Est (Cost) 1,693,148						
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)						
Daily Contacts													
Contacts COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT													
Daily Operations													
Operations Summary FRAC COMPLETED STAGES 24-26 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 25-27 OF 42.													
Planned Operations FRAC MULTIPLE STAGES													
Time Log													
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT					
05:00	08:00	3.00	3.00	INACTIVE	No	WAITING ON SIM OPS.							
08:00	09:30	1.50	4.50	FRAC. JOB	No	FRAC STAGE 24 OF 42							
09:30	11:00	1.50	6.00	PERFORATING	No	PLUG/PERF STAGE 25 OF 42							
11:00	14:45	3.75	9.75	INACTIVE	No	WAITING ON SIM OPS							
14:45	17:00	2.25	12.00	FRAC. JOB	No	FRAC STAGE 25 OF 42							
17:00	18:15	1.25	13.25	PERFORATING	No	PLUG/PERF STAGE 26 OF 42							
18:15	22:00	3.75	17.00	INACTIVE	No	WAITING ON SIM OPS							
22:00	23:45	1.75	18.75	FRAC. JOB	No	FRAC STAGE 26 OF 42							
23:45	01:45	2.00	20.75	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD.							
01:45	03:15	1.50	22.25	PERFORATING	No	PLUG/PERF STAGE 27 OF 42							
03:15	05:00	1.75	24.00	INACTIVE	No	WAITING ON SIM OPS							
Safety Checks													
Time		Type			Inspected By		Description						
05:45		SAFETY MEETING			E. LEASURE/DANNY SEAY		PRE JOB SAFETY MEETING						
17:45		SAFETY MEETING			ROQUE DE LA TORRE/TOMMY GOFORTH		PRE JOB SAFETY MEETING						
Plug Details													
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com					
FRAC PLUG		11,147.0	11,149.0	4.67		3/8/2015		STAGE 25					
FRAC PLUG		10,990.0	10,992.0	4.67		3/8/2015		STAGE 26					
FRAC PLUG		10,843.0	10,845.0	4.67		3/9/2015		STAGE 27					
Perforation Intervals													
Time	Zone		Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)		Com		
02:15	WOLFCAMP A, ORIGINAL HOLE		10,706.0		10,707.2		6.0		3 1/8				
02:15	WOLFCAMP A, ORIGINAL HOLE		10,736.0		10,737.2		6.0		3 1/8				
02:15	WOLFCAMP A, ORIGINAL HOLE		10,760.0		10,761.2		6.0		3 1/8				
02:15	WOLFCAMP A, ORIGINAL HOLE		10,796.0		10,797.2		6.0		3 1/8				
02:15	WOLFCAMP A, ORIGINAL HOLE		10,820.0		10,821.2		6.0		3 1/8				
15:30	WOLFCAMP A, ORIGINAL HOLE		10,862.0		10,863.2		6.0		3 1/8				
15:30	WOLFCAMP A, ORIGINAL HOLE		10,888.0		10,889.2		6.0		3 1/8				
15:30	WOLFCAMP A, ORIGINAL HOLE		10,918.0		10,919.2		6.0		3 1/8				
15:30	WOLFCAMP A, ORIGINAL HOLE		10,948.0		10,949.2		6.0		3 1/8				
15:30	WOLFCAMP A, ORIGINAL HOLE		10,978.0		10,979.2		6.0		3 1/8				
10:00	WOLFCAMP A, ORIGINAL HOLE		11,010.0		11,011.2		6.0		3 1/8				
10:00	WOLFCAMP A, ORIGINAL HOLE		11,040.0		11,041.2		6.0		3 1/8				
10:00	WOLFCAMP A, ORIGINAL HOLE		11,070.0		11,071.2		6.0		3 1/8				
10:00	WOLFCAMP A, ORIGINAL HOLE		11,100.0		11,101.2		6.0		3 1/8				
10:00	WOLFCAMP A, ORIGINAL HOLE		11,130.0		11,131.2		6.0		3 1/8				
Stimulations & Treatments													
STAGE 24 - HYDRAULIC FRAC on 3/8/2015 09:30													
Date 3/8/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2600				
P Pre SI (psi) 1,119.0	ISIP (psi) 2,704.0	P Post SI (psi) 2,452.0	5 min SI (psi) 2238	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,827.0	BD Rate (bbl/min) 15	Q Treat Min... 76	Q Treat Max... 78	Q Treat Avg... 77	Avg Treat Pr... 5,102.0	Proppant De... 245,000	Prop Placed... 244,020
Max Treat Pressure (psi) 6,379.0			Avg Treat Pressure (psi) 5,102.0			Max Treat Rate (bbl/min) 78			Avg Treat Rate (bbl/min) 77			V clean+slurry (bbl) 4298.00	
Total Add Amount BACTERICIDE ICI-3240 50 gal; BREAKER APB-1 100 lb; BUFFER B-5 15 gal; FRICTION REDUCER FRW-200 80 gal; GELLING AGENT HVG-1 4.0 500 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 210020 lb; SPECTRUM TRACER OST 2600 4 kg													
STAGE 25 - HYDRAULIC FRAC on 3/8/2015 17:00													
Date 3/8/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 5510				
P Pre SI (psi) 1,950.0	ISIP (psi) 2,440.0	P Post SI (psi) 2,550.0	5 min SI (psi) 1900	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,528.0	BD Rate (bbl/min) 15	Q Treat Min... 74	Q Treat Max... 77	Q Treat Avg... 75	Avg Treat Pr... 4,721.0	Proppant De... 245,000	Prop Placed... 245,940
Max Treat Pressure (psi) 6,331.0			Avg Treat Pressure (psi) 4,721.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 8697.00	
Total Add Amount BACTERICIDE ICI-3240 103 gal; FRICTION REDUCER FRW-200 191 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211940 lb; SPECTRUM TRACER OST 5510 4 kg													
STAGE 26 - HYDRAULIC FRAC on 3/8/2015 23:47													
Date 3/8/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2600				
P Pre SI (psi) 1,389.0	ISIP (psi) 2,522.0	P Post SI (psi) 2,302.0	5 min SI (psi) 2198	10 min SI (psi)	15 min SI (psi)	P Break (psi) 4,004.0	BD Rate (bbl/min) 15	Q Treat Min... 75	Q Treat Max... 77	Q Treat Avg... 75	Avg Treat Pr... 5,062.0	Proppant De... 245,000	Prop Placed... 245,720
Max Treat Pressure (psi) 6,825.0			Avg Treat Pressure (psi) 5,062.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 4264.00	
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER APB-1 80 lb; BUFFER B-5 21 gal; FRICTION REDUCER FRW-200 42 gal; GELLING AGENT HVG-1 4.0 420 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211720 lb; SPECTRUM TRACER OST 2600 4 kg													

--



AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

Report Date 3/11/2015  
AFE # 1420104  
Total AFE 3,666,300

AMERICAN ENERGY  
PARTNERS

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date		
Job Information										
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date		
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 226,696		Cum Field Est (Cost) 2,097,136			
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)			
Daily Contacts										
Contacts COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT										
Daily Operations										
Operations Summary FRAC COMPLETED STAGES 30-33 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 31-34 OF 42.										
Planned Operations FRAC MULTIPLE STAGES										
Time Log										
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT		
05:00	06:15	1.25	1.25	FRAC. JOB	No	FRAC STAGE 30 OF 42				
06:15	07:45	1.50	2.75	PERFORATING	No	PLUG/PERF STAGE 31 OF 42				
07:45	09:45	2.00	4.75	INACTIVE	No	WAITING ON SIM OPS				
09:45	11:45	2.00	6.75	FRAC. JOB	No	FRAC STAGE 31 OF 42				
11:45	13:15	1.50	8.25	PERFORATING	No	PLUG/PERF STAGE 32 OF 42				
13:15	16:45	3.50	11.75	INACTIVE	No	WAITING ON SIM OPS				
16:45	18:00	1.25	13.00	FRAC. JOB	No	FRAC STAGE 32 OF 42				
18:00	19:45	1.75	14.75	GENERAL OPERATIONS	No	GREASE/TORQUE FRAC STACK AND ZIPPER MANIFOLD AND WL TO REHEAD.				
19:45	21:45	2.00	16.75	PERFORATING	No	PLUG/PERF STAGE 33 OF 42				
21:45	23:15	1.50	18.25	INACTIVE	No	WAITING ON SIM OPS				
23:15	00:15	1.00	19.25	DOWNTIME	No	WAITING ON FTS TO SWAP 1 PUMP AND PRESS TEST.		Yes		
00:15	02:30	2.25	21.50	FRAC. JOB	No	FRAC STAGE 33 OF 42				
02:30	04:00	1.50	23.00	PERFORATING	No	PLUG/PERF STAGE 34 OF 42				
04:00	05:00	1.00	24.00	INACTIVE	No	WAITING ON SIM OPS				
NPT										
Typ		SubTyp	Des		Start Date	End Date	Failed Item	Accountable Party		
SURFACE EQUIPMENT		FRAC	WAITING ON FTS TO SWAP 1 PUMP AND PRESS TEST.		3/10/2015 23:15	3/11/2015 00:15		FTS INTERNATIONAL SERVICES LLC.		
Dur (hr)		1.00								
Safety Checks										
Time		Type			Inspected By		Description			
05:45		SAFETY MEETING			E. LEASURE/DANNY SEAY		PRE JOB SAFETY MEETING			
17:45		SAFETY MEETING			ROQUE DE LA TORRE/TOMMY GOFORTH		PRE JOB SAFETY MEETING			
Plug Details										
Des		Top (ftKB)	Btm (ftKB)	OD (in)	ID (in)	Run Date	Pull Date	Com		
FRAC PLUG		10,235.0	10,237.0	4.67		3/10/2015		STAGE 31		
FRAC PLUG		10,083.0	10,085.0	4.67		3/10/2015		STAGE 32		
FRAC PLUG		9,932.0	9,934.0	4.67		3/10/2015		STAGE 33		
FRAC PLUG		9,779.0	9,781.0	4.67		3/11/2015		STAGE 34		
Perforation Intervals										
Time	Zone			Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)	Gun Size (in)	Com
03:00	WOLFCAMP A, ORIGINAL HOLE			9,642.0		9,643.2		6.0	3 1/8	
03:00	WOLFCAMP A, ORIGINAL HOLE			9,672.0		9,673.2		6.0	3 1/8	
03:00	WOLFCAMP A, ORIGINAL HOLE			9,704.0		9,705.2		6.0	3 1/8	
03:00	WOLFCAMP A, ORIGINAL HOLE			9,732.0		9,733.2		6.0	3 1/8	
03:00	WOLFCAMP A, ORIGINAL HOLE			9,762.0		9,763.2		6.0	3 1/8	
20:15	WOLFCAMP A, ORIGINAL HOLE			9,797.0		9,798.2		6.0	3 1/8	
20:15	WOLFCAMP A, ORIGINAL HOLE			9,824.0		9,825.2		6.0	3 1/8	
20:15	WOLFCAMP A, ORIGINAL HOLE			9,854.0		9,855.2		6.0	3 1/8	
20:15	WOLFCAMP A, ORIGINAL HOLE			9,887.0		9,888.2		6.0	3 1/8	
20:15	WOLFCAMP A, ORIGINAL HOLE			9,914.0		9,915.2		6.0	3 1/8	
12:00	WOLFCAMP A, ORIGINAL HOLE			9,946.0		9,947.2		6.0	3 1/8	
12:00	WOLFCAMP A, ORIGINAL HOLE			9,978.0		9,979.2		6.0	3 1/8	
12:00	WOLFCAMP A, ORIGINAL HOLE			10,006.0		10,007.2		6.0	3 1/8	
12:00	WOLFCAMP A, ORIGINAL HOLE			10,036.0		10,037.2		6.0	3 1/8	
12:00	WOLFCAMP A, ORIGINAL HOLE			10,070.0		10,071.2		6.0	3 1/8	
07:00	WOLFCAMP A, ORIGINAL HOLE			10,098.0		10,099.2		6.0	3 1/8	
07:00	WOLFCAMP A, ORIGINAL HOLE			10,128.0		10,129.2		6.0	3 1/8	
07:00	WOLFCAMP A, ORIGINAL HOLE			10,158.0		10,159.2		6.0	3 1/8	
07:00	WOLFCAMP A, ORIGINAL HOLE			10,188.0		10,189.2		6.0	3 1/8	
07:00	WOLFCAMP A, ORIGINAL HOLE			10,218.0		10,219.2		6.0	3 1/8	
Stimulations & Treatments										
STAGE 30 - HYDRAULIC FRAC on 3/10/2015 06:15										
Date 3/10/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 2600	
P Pre SI (psi) 1,238.0	ISIP (psi) 2,619.0	P Post SI (psi) 2,289.0	5 min SI (psi) 2013	10 min SI (psi) 2115	15 min SI (psi) 2115	P Break (psi) 3,846.0	BD Rate (bbl/min) 15	Q Treat Min... 74	Q Treat Max... 76	Q Treat Avg... 76
Max Treat Pressure (psi) 7,380.0			Avg Treat Pressure (psi) 5,184.0			Max Treat Rate (bbl/min) 76			Avg Treat Rate (bbl/min) 76	
V clean+slurry (bbl) 245,000			Prop Placed... 245,200							
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER APB-1 80 lb; BUFFER B-5 21 gal; FRICTION REDUCER FRW-200 44 gal; GELLING AGENT HVG-1 4.0 425 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211200 lb; SPECTRUM TRACER OST 2600 4 kg										
STAGE 31 - HYDRAULIC FRAC on 3/10/2015 12:00										
Date 3/10/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 3200	
P Pre SI (psi) 1,584.0	ISIP (psi) 2,436.0	P Post SI (psi) 2,247.0	5 min SI (psi) 2013	10 min SI (psi) 2115	15 min SI (psi) 2115	P Break (psi) 3,795.0	BD Rate (bbl/min) 15	Q Treat Min... 76	Q Treat Max... 77	Q Treat Avg... 76
Max Treat Pressure (psi) 6,357.0			Avg Treat Pressure (psi) 4,805.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 76	
V clean+slurry (bbl) 245,000			Prop Placed... 245,940							
Total Add Amount BACTERICIDE ICI-3240 96 gal; FRICTION REDUCER FRW-200 187 gal; PROPPANT 100 MESH 34040 lb; PROPPANT 40/70 WHITE 211900 lb; SPECTRUM TRACER OST 3200 4 kg										
STAGE 32 - HYDRAULIC FRAC on 3/10/2015 18:01										
Date 3/10/2015	Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 3000	
P Pre SI (psi) 1,715.0	ISIP (psi) 2,697.0	P Post SI (psi) 2,582.0	5 min SI (psi) 2256	10 min SI (psi) 2256	15 min SI (psi) 2256	P Break (psi) 3,712.0	BD Rate (bbl/min) 15	Q Treat Min... 73	Q Treat Max... 80	Q Treat Avg... 78
Max Treat Pressure (psi) 6,437.0			Avg Treat Pressure (psi) 4,922.0			Max Treat Rate (bbl/min) 80			Avg Treat Rate (bbl/min) 78	
V clean+slurry (bbl) 245,000			Prop Placed... 245,800							
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER APB-1 80 lb; BUFFER B-5 13 gal; FRICTION REDUCER FRW-200 84 gal; GELLING AGENT HVG-1 4.0 430 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211800 lb; SPECTRUM TRACER OST 3000 4 kg										






**UNIVERSITY 09 1828H**  
**AEPB WELL NO. 38**

Report Date	3/11/2015
AFE #	1420104
Total AFE	3,666,300

Stimulations & Treatments													
STAGE 33 - HYDRAULIC FRAC on 3/11/2015 02:25													
Date	Type				Zone			Stim/Treat Company		Comment			
3/11/2015	HYDRAULIC FRAC				WOLFCAMP A, ORIGINAL HOLE			FTS INTERNATIONAL		RAN SPECTRUM TRACER - OST 3200			
P Pre SI (psi)	ISIP (psi)	P Post SI (psi)	5 min SI (psi)	10 min SI (psi)	15 min SI (psi)	P Break (psi)	BD Rate (bbl...)	Q Treat Min...	Q Treat Max...	Q Treat Avg...	Avg Treat Pr...	Proppant De...	Prop Placed...
1,466.0	2,483.0	2,356.0	2083			4,046.0	15	72	77	75	5,040.0	245,000	245,140
Max Treat Pressure (psi)			Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)			Avg Treat Rate (bbl/min)			V clean+slurry (bbl)	
5,598.0			5,040.0			77			75			8129.00	
Total Add Amount													
BACTERICIDE ICI-3240 103 gal; FRICTION REDUCER FRW-200 80 gal; PROPPANT 100 MESH 34440 lb; PROPPANT 40/70 WHITE 210700 lb; SPECTRUM TRACER OST 3200 4 kg													







AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

Report Date 3/14/2015  
AFE # 1420104  
Total AFE 3,666,300

AMERICAN ENERGY  
PARTNERS

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date					
Job Information													
Job Category COMPLETION			Primary Job Type COMPLETION - ORIGINAL		Secondary Job Type		Start Date 2/12/2015	End Date					
AFE Number 1420104			Supplemental AFE Number		Daily Field Est (Cost) 272,726		Cum Field Est (Cost) 2,617,639						
Number of Stages (ft) 42			Lateral Length (ft) 6,500		Time Since LTI (days)		Time Since Reportable Incident (days)						
Daily Contacts													
Contacts COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT													
Daily Operations													
Operations Summary FRAC COMPLETED STAGES 38 - 42 OF 42 AS PER SCHEDULE, WIRELINE COMPLETED P/P STAGES 39 - 42 OF 42.													
Planned Operations RDMO ALL FRAC EQUIPMENT.													
Time Log													
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT					
05:00	06:00	1.00	1.00	INACTIVE	No	WAITING ON SIM OPS							
06:00	07:15	1.25	2.25	FRAC. JOB	No	FRAC STAGE 38 OF 42							
07:15	07:45	0.50	2.75	GENERAL OPERATIONS	No	GREASE AND TORQUE WELLHEAD AND ZIPPER							
07:45	08:45	1.00	3.75	PERFORATING	No	PLUG/PERF STAGE 39 OF 42							
08:45	11:00	2.25	6.00	INACTIVE	No	WAITING ON SIM OPS							
11:00	13:30	2.50	8.50	FRAC. JOB	No	FRAC STAGE 39 OF 42 94% OF PROP PLACED DUE TO WATER VOLUME							
13:30	14:30	1.00	9.50	PERFORATING	No	PLUG/PERF STAGE 40 OF 42							
14:30	15:15	0.75	10.25	INACTIVE	No	WAITING ON SIM OPS							
15:15	16:30	1.25	11.50	FRAC. JOB	No	FRAC STAGE 40 OF 42							
16:30	17:30	1.00	12.50	PERFORATING	No	PLUG/PERF STAGE 41 OF 42							
17:30	19:00	1.50	14.00	INACTIVE	No	WAITING ON SIM OPS							
19:00	21:00	2.00	16.00	FRAC. JOB	No	FRAC STAGE 41 OF 42							
21:00	22:00	1.00	17.00	PERFORATING	No	PLUG/PERF STAGE 42 OF 42							
22:00	23:30	1.50	18.50	INACTIVE	No	WAITING ON SIM OPS							
23:30	00:45	1.25	19.75	DOWNTIME	No	WAIT ON SAND TO BE OFFLOAD.		Yes					
00:45	02:00	1.25	21.00	FRAC. JOB	No	FRAC STAGE 42 OF 42							
02:00	05:00	3.00	24.00	RIG UP/DOWN	No	RDMO ALL FRAC RELATED EQUIPMENT AT REPORT TIME.							
NPT													
Typ		SubTyp		Des		Start Date	End Date	Dur (hr)					
SURFACE EQUIPMENT		FRAC		WAIT ON SAND TO BE OFFLOAD.		3/13/2015 23:30	3/14/2015 00:45	1.25					
Safety Checks													
Time		Type			Inspected By		Description						
05:45		SAFETY MEETING			E. LEASURE/DANNY SEAY		PRE JOB SAFETY MEETING						
17:45		SAFETY MEETING			ROQUE DE LA TORRE/TOMMY GOFORTH		PRE JOB SAFETY MEETING						
Plug Details													
Des		Top (ftKB)		Btm (ftKB)		OD (in)		ID (in)	Run Date	Pull Date	Com		
FRAC PLUG		9,022.0		9,024.0		4.67			3/13/2015		STAGE 39		
FRAC PLUG		8,867.0		8,869.0		4.67			3/13/2015		STAGE 40		
FRAC PLUG		8,715.0		8,717.0		4.67			3/13/2015		STAGE 41		
FRAC PLUG		8,563.0		8,565.0		4.67			3/13/2015		STAGE 42		
Perforation Intervals													
Time		Zone			Top (ftKB)		Btm (ftKB)		Shot Dens (shots/ft)		Gun Size (in)	Com	
21:50		WOLFCAMP A, ORIGINAL HOLE			8,426.0		8,427.2		6.0		3 1/8		
21:50		WOLFCAMP A, ORIGINAL HOLE			8,456.0		8,457.2		6.0		3 1/8		
21:50		WOLFCAMP A, ORIGINAL HOLE			8,486.0		8,487.2		6.0		3 1/8		
21:50		WOLFCAMP A, ORIGINAL HOLE			8,516.0		8,517.2		6.0		3 1/8		
21:50		WOLFCAMP A, ORIGINAL HOLE			8,546.0		8,547.2		6.0		3 1/8		
17:00		WOLFCAMP A, ORIGINAL HOLE			8,578.0		8,579.2		6.0		3 1/8		
17:00		WOLFCAMP A, ORIGINAL HOLE			8,608.0		8,609.2		6.0		3 1/8		
17:00		WOLFCAMP A, ORIGINAL HOLE			8,638.0		8,639.2		6.0		3 1/8		
17:00		WOLFCAMP A, ORIGINAL HOLE			8,668.0		8,669.2		6.0		3 1/8		
17:00		WOLFCAMP A, ORIGINAL HOLE			8,698.0		8,699.2		6.0		3 1/8		
14:00		WOLFCAMP A, ORIGINAL HOLE			8,730.0		8,731.2		6.0		3 1/8		
14:00		WOLFCAMP A, ORIGINAL HOLE			8,760.0		8,761.2		6.0		3 1/8		
14:00		WOLFCAMP A, ORIGINAL HOLE			8,790.0		8,791.2		6.0		3 1/8		
14:00		WOLFCAMP A, ORIGINAL HOLE			8,820.0		8,821.2		6.0		3 1/8		
14:00		WOLFCAMP A, ORIGINAL HOLE			8,850.0		8,851.2		6.0		3 1/8		
08:30		WOLFCAMP A, ORIGINAL HOLE			8,882.0		8,883.2		6.0		3 1/8		
08:30		WOLFCAMP A, ORIGINAL HOLE			8,912.0		8,913.2		6.0		3 1/8		
08:30		WOLFCAMP A, ORIGINAL HOLE			8,942.0		8,943.2		6.0		3 1/8		
08:30		WOLFCAMP A, ORIGINAL HOLE			8,976.0		8,977.2		6.0		3 1/8		
08:30		WOLFCAMP A, ORIGINAL HOLE			9,002.0		9,003.2		6.0		3 1/8		
Stimulations & Treatments													
STAGE 38 - HYDRAULIC FRAC on 3/13/2015 06:00													
Date 3/13/2015		Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 3000			
P Pre SI (psi) 1,246.0	ISIP (psi) 2,702.0	P Post SI (psi) 2,477.0	5 min SI (psi) 2211	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,591.0	BD Rate (bbl/min) 15	Q Treat Min... 75	Q Treat Max... 76	Q Treat Avg... 76	Avg Treat Pr... 4,697.0	Proppant De... 245,000	Prop Placed... 246,900
Max Treat Pressure (psi) 6,287.0			Avg Treat Pressure (psi) 4,697.0			Max Treat Rate (bbl/min) 76			Avg Treat Rate (bbl/min) 76			V clean+slurry (bbl) 4213.00	
Total Add Amount BACTERICIDE ICI-3240 53 gal; BREAKER APB-1 85 lb; BUFFER B-5 13 gal; FRICTION REDUCER FRW-200 88 gal; GELLING AGENT HVG-1 4.0 425 gal; PROPPANT 100 MESH 34980 lb; PROPPANT 40/70 WHITE 211920 lb; SPECTRUM TRACER OST 3000 4 kg													
STAGE 39 - HYDRAULIC FRAC on 3/13/2015 11:00													
Date 3/13/2015		Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 3200			
P Pre SI (psi) 1,760.0	ISIP (psi) 2,480.0	P Post SI (psi) 2,195.0	5 min SI (psi) 2050	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,815.0	BD Rate (bbl/min) 15	Q Treat Min... 74	Q Treat Max... 79	Q Treat Avg... 75	Avg Treat Pr... 4,336.0	Proppant De... 245,000	Prop Placed... 231,340
Max Treat Pressure (psi) 6,871.0			Avg Treat Pressure (psi) 4,336.0			Max Treat Rate (bbl/min) 79			Avg Treat Rate (bbl/min) 75			V clean+slurry (bbl) 9712.00	
Total Add Amount BACTERICIDE ICI-3240 114 gal; FRICTION REDUCER FRW-200 244 gal; PROPPANT 100 MESH 34720 lb; PROPPANT 40/70 WHITE 196620 lb; SPECTRUM TRACER OST 3200 4 kg													
STAGE 40 - HYDRAULIC FRAC on 3/13/2015 16:30													
Date 3/13/2015		Type HYDRAULIC FRAC			Zone WOLFCAMP A, ORIGINAL HOLE			Stim/Treat Company FTS INTERNATIONAL		Comment RAN SPECTRUM TRACER - OST 3000			
P Pre SI (psi) 1,741.0	ISIP (psi) 2,498.0	P Post SI (psi) 2,270.0	5 min SI (psi) 2069	10 min SI (psi)	15 min SI (psi)	P Break (psi) 3,999.0	BD Rate (bbl/min) 15	Q Treat Min... 75	Q Treat Max... 77	Q Treat Avg... 76	Avg Treat Pr... 4,633.0	Proppant De... 245,000	Prop Placed... 245,320
Max Treat Pressure (psi) 6,635.0			Avg Treat Pressure (psi) 4,633.0			Max Treat Rate (bbl/min) 77			Avg Treat Rate (bbl/min) 76			V clean+slurry (bbl) 4145.00	
Total Add Amount BACTERICIDE ICI-3240 50 gal; BREAKER APB-1 85 lb; BUFFER B-5 13 gal; FRICTION REDUCER FRW-200 76 gal; GELLING AGENT HVG-1 4.0 425 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211320 lb; SPECTRUM TRACER OST 3000 4 kg													



**UNIVERSITY 09 1828H**  
**AEPB WELL NO. 38**

Report Date	3/14/2015
AFE #	1420104
Total AFE	3,666,300

Stimulations & Treatments													
STAGE 41 - HYDRAULIC FRAC on 3/13/2015 19:02													
Date	Type	Zone				Stim/Treat Company			Comment				
3/13/2015	HYDRAULIC FRAC	WOLFCAMP A, ORIGINAL HOLE				FTS INTERNATIONAL			RAN SPECTRUM TRACER - OST 3200				
P Pre SI (psi)	ISIP (psi)	P Post SI (psi)	5 min SI (psi)	10 min SI (psi)	15 min SI (psi)	P Break (psi)	BD Rate (bbl/min)	Q Treat Min...	Q Treat Max...	Q Treat Avg...	Avg Treat Pr...	Proppant De...	Prop Placed...
1,571.0	2,505.0	2,328.0	1,961			3,860.0	15	71	77	75	4,975.0	245,000	245,220
Max Treat Pressure (psi)			Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)			Avg Treat Rate (bbl/min)			V clean+slurry (bbl)	
6,672.0			4,975.0			77			75			7773.00	
Total Add Amount													
BACTERICIDE ICI-3240 91 gal; FRICTION REDUCER FRW-200 107 gal; PROPPANT 100 MESH 34000 lb; PROPPANT 40/70 WHITE 211220 lb; SPECTRUM TRACER OST 3200 4 kg													
STAGE 42 - HYDRAULIC FRAC on 3/14/2015 01:50													
Date	Type	Zone				Stim/Treat Company			Comment				
3/14/2015	HYDRAULIC FRAC	WOLFCAMP A, ORIGINAL HOLE				FTS INTERNATIONAL			RAN SPECTRUM TRACER - OST 3000				
P Pre SI (psi)	ISIP (psi)	P Post SI (psi)	5 min SI (psi)	10 min SI (psi)	15 min SI (psi)	P Break (psi)	BD Rate (bbl/min)	Q Treat Min...	Q Treat Max...	Q Treat Avg...	Avg Treat Pr...	Proppant De...	Prop Placed...
1,572.0	2,276.0	2,787.0	2,259			3,772.0	15	71	76	76	4,824.0	245,000	244,240
Max Treat Pressure (psi)			Avg Treat Pressure (psi)			Max Treat Rate (bbl/min)			Avg Treat Rate (bbl/min)			V clean+slurry (bbl)	
5,205.0			4,824.0			76			76			4111.00	
Total Add Amount													
BACTERICIDE ICI-3240 53 gal; BREAKER APB-1 80 lb; BUFFER B-5 12 gal; FRICTION REDUCER FRW-200 42 gal; GELLING AGENT HVG-1 4.0 430 gal; PROPPANT 100 MESH 33260 lb; PROPPANT 40/70 WHITE 210980 lb; SPECTRUM TRACER OST 3000 4 kg													



AMERICAN ENERGY  
PARTNERS

AMERICAN ENERGY - PERMIAN BASIN, LLC  
Daily Completion Report

UNIVERSITY 09 1828H  
AEPB WELL NO. 38

Report Date 3/15/2015  
AFE # 1420104  
Total AFE 3,666,300

API 42383392880000	State TEXAS	County REAGAN	Well Config HORIZONTAL	Ground Elevation (ft) 2,714.00	RKB (ft) 30.00	Well Status COMPLETION	Well Sub-Status COMPLETING	Completion Date
Job Information								
Job Category COMPLETION		Primary Job Type COMPLETION - ORIGINAL			Secondary Job Type		Start Date 2/12/2015	End Date
AFE Number 1420104		Supplemental AFE Number			Daily Field Est (Cost) 12,358		Cum Field Est (Cost) 2,629,997	
Number of Stages (ft) 42		Lateral Length (ft) 6,500			Time Since LTI (days)		Time Since Reportable Incident (days)	
Daily Contacts								
Contacts COMP SUPER, DANNY SEAY, NEW TECH ENG; COMP SUP, EDDIE LEASURE, CRSCNT; WO SUP, ROQUE DE LA TORRE, CRSCNT								
Daily Operations								
Operations Summary RDMO FRAC AND RELATED EQUIPMENT/ ND FRAC STACKS								
Planned Operations RDMO LOCATION								
Time Log								
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Activity	Inactive?	Comments	Unschd Typ	NPT
05:00	05:00	24.00	24.00	RIG UP/DOWN	No	RDMO FRAC AND ALL RELATED EQUIP. ND FRAC STACKS AND ZIPPER MANIFOLD.		
Safety Checks								
Time		Type			Inspected By		Description	
Perforation Intervals								
Time	Zone			Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Gun Size (in)	Com