

Daily Completion and Workover

Report # 1.0, Report Date: 10/12/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 10/12/2011	Report End Date 10/13/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Set tree, run CBL, PT casing, perf Lincoln Limestone	Operations Next Report Period Pump Lincoln Limestone FET			

Daily Contacts

Contact Name	Office	Mobile

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
07:00	07:15	0.25	0.25	SAFE TY	MTG	COM, STIM FET	Weatherford on location. Conduct safety meeting.
07:15	09:45	2.50	2.75	NUND	TREE	COM, STIM FET	Check well for pressure - 0 psi. ND dry hole flange. Install TC-1A tubing hanger and 5" BPV. NU two 5-1/8" 10K valve. Torque bolts to 4300 ft-lbs.
09:45	10:45	1.00	3.75	TEST	TREE	COM, STIM FET	PT tree to 10000 psi (high) and 500 psi (low). Tested both the upper master and lower master valves separately. Good test.
10:45	11:00	0.25	4.00	SAFE TY	MTG	COM, STIM FET	Conduct safety meeting and review JSA.
11:00	12:00	1.00	5.00	RURD	ELEC	COM, STIM FET	RU Mesa ELU. PU 4.5" GR, 3.5" JB, 2-3/4" CCL, weight bar, 1-7/32" cable head.
12:00	12:45	0.75	5.75	RUNP UL	ELEC	COM, STIM FET	RIH to 6258' (uncorrected depth). POOH.
12:45	13:15	0.50	6.25	PULD	LOG	COM, STIM FET	OOH. PU tool string consisting of temperature probe, 3-1/8" GR, centralizer, 3-1/8" Sondex CBL, centralizer, 2-3/4" CCL and 1-7/32" cable head.
13:15	14:45	1.50	7.75	RUNP UL	ELEC	COM, STIM FET	Trouble shoot CBL tools - software issue. RIH. STop at 350'. GR not working. POOH. Change out GR.
14:45	16:45	2.00	9.75	LOG	CSG	COM, STIM FET	RIH. Correlate to Baker Compensated Neutron Log dataed 9/24/11. TD at 6259'. BHT = 228°F. Log from TD to surface. Short joint at 5090-5112'. TOC at surface.
16:45	17:00	0.25	10.00	SAFE TY	MTG	COM, STIM FET	OOH. Conduct safety meeting and review JSA.
17:00	18:00	1.00	11.00	TEST	EQIP	COM, STIM FET	Load well with fresh water. PT casing to 2000 psi and 8000 psi. Good test. Test wing valves on B section to 8000 psi. Good test. Bleed off pressure to 0 psi.
18:00	19:00	1.00	12.00	PERF	CSG	COM, STIM FET	PU 3-1/8" Tag gun loaded with three 23 gram Owen 3125-311NT charges, 3 spf, 120" phasing. RIH. Correlate to the Mesa Wireline CBL (10/12/11) and perf the Lincoln Limestone from 5906 - 5907' NL/CBL. Pressure before: 0 psi. Pressure after: 0 psi. POOH.
19:00	20:00	1.00	13.00	PULD	PGUN	COM, STIM FET	POOH. Alls shots fired. RDMO Mesa Wireline
20:00	06:00	10.00	23.00	SECU RE	WELL	COM, STIM FET	Secure well.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
10/12/2011 12:00		5,906.0	5,907.0

Daily Completion and Workover

Report # 1.0, Report Date: 10/12/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Stimulations & Treatments									
Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount
10/12/2011	<zonename>		5,906.0	5,907.0	2,524.0	0.86	4,200.0	21.50	

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 2.0, Report Date: 10/13/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 10/13/2011	Report End Date 10/14/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Pumped Stage 1 FET in the Lincoln Limestone.	Operations Next Report Period Monitor pressure falloff.			

Daily Contacts

Contact Name	Office	Mobile
Mike Olson		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	08:30	2.50	2.50	SECURE	WELL	COM, STIM FET	Well Secure.
08:30	09:00	0.50	3.00	SAFETY	MTG	COM, STIM FET	Superior and Magn on location. Conduct safety meeting and review JSA. Discuss job and assignments.
09:00	09:30	0.50	3.50	RURD	STIM	COM, STIM FET	RU acid pumper, water truck, 2" 15K flowline, and relief valve.
09:30	09:45	0.25	3.75	TEST	EQUIP	COM, STIM FET	PT lines to 8000 psi. Set relief valve at 7700 psi. Set pump trip to 7500 psi. Program DataTrap to record 1 second readings and install on casing valve.
09:45	10:15	0.50	4.25	PUMP	WTR	COM, STIM FET	Start pumping Lincoln Limestone FET at 2.4 bpm. Saw break at 1.6 bpm and 3400 psi. Increase rate to 4.5 bpm at 4200 psi. Allow rate and pressure to stabilize. SD. Pumped 21.5 bbls of fresh water with Bio Clear 1000. ISIP = 2524 psi (0.86 psi/ft FG). 5 min = 2468 psi, 10 min = 2463 psi, 15 min = 2459 psi.
10:15	11:00	0.75	5.00	RURD	STIM	COM, STIM FET	RDMO Superior and Magna.
11:00	06:00	19.00	24.00	SECURE	WELL	COM, STIM FET	Well secure. Monitor pressure falloff with DataTrap. Next FET scheduled for 10/20/11.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 3.0, Report Date: 10/19/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 10/19/2011	Report End Date 10/20/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Pumped Stage 2 FET in the Niobrara 'C' shale.	Operations Next Report Period Monitor pressure falloff. Next FET 10-26-11			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	11:30	5.50	5.50	WAIT ON	OTHR	COM, STIM FET	Frac tree and valves are frozen. Wait on heater. RU wireline lubricator, pump-in sub, WL BOP's. Arm gun.
11:30	12:30	1.00	6.50	RUNPUL	ELEC	COM, STIM FET	RIH with Owens 10K 4.375 CIBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090 -5112' Set plug @ 5885(CBL/NL), came up hole and perforated the Niobrara 'C' shale @ 5560-5561'(CBL/NL). POOH all shots fired.
12:30	14:00	1.50	8.00	RURD	ELEC	COM, STIM FET	Closed master valves. NU blanking flange. RD Mesa.
14:00	14:30	0.50	8.50	WAIT ON	EQUIP	COM, STIM FET	Wait for Superior pump equipment.
14:30	15:15	0.75	9.25	RURD	STIM	COM, STIM FET	Review Superior JSA. Discussed pressure, slip/trips, communication and muster points.
15:15	17:00	1.75	11.00	TEST	EQUIP	COM, STIM FET	Try to find where equipment in leaking.
17:00	17:45	0.75	11.75	PUMP	WTR	COM, STIM FET	Start pumping Niobrara 'C' shale FET at 2.4 bpm. Saw break at 2.4 bpm and 4392 psi. Maintained rate at 2.4 bpm at 4200 psi. Allow rate and pressure to stabilize. SD. Pumped 10 bbls of fresh water with Bio Clear 1000. ISIP = 3877 psi (1.04 psi/ft FG). 5 min = 3834 psi, 10 min = 3784 psi, 15 min = 3755 psi.
17:45	18:15	0.50	12.25	RURD	STIM	COM, STIM FET	RD Superior.
18:15	06:00	11.75	24.00	SECURE	WELL	COM, STIM FET	Well secure. Next FET 10-26-11

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
10/19/2011 12:00		5,560.0	5,561.0

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount
10/19/2011	<zonenumber>		5,560.0	5,561.0	3,877.0	1.04	4,392.0	10.00	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
12:00	Bridge plug - permanent	4 3/8	5,885.0	5,886.5

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Daily Completion and Workover

Report # 3.0, Report Date: 10/19/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Cement				
Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 4.0, Report Date: 10/27/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 10/27/2011	Report End Date 10/28/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Pumped Stage 3 FET in the Niobrara 'C'.	Operations Next Report Period Monitor pressure falloff. Next FET 11-2-11			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	08:00	2.00	2.00	SECURE	WELL	COM, STIM FET	Well secure.
08:00	08:15	0.25	2.25	SAFETY	MTG	COM, STIM FET	Reviewed JSA. 1- MOC, 3- Mesa. Discussed overhead loads, snow and ice. Muster points and warning signs.
08:15	10:15	2.00	4.25	RURD	ELEC	COM, STIM FET	MI Mesa wireline. Check pressure(300psi) RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well.
10:15	10:45	0.50	4.75	RUNPUL	ELEC	COM, STIM FET	RIH with Owens 10K 4.375 CIBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090 -5112' Set plug @ 5535'(CBL/NL), came up hole and perforated the Niobrara 'C' @ 5500-5501'(CBL/NL). POOH all shots fired.
10:45	12:45	2.00	6.75	RURD	ELEC	COM, STIM FET	Closed master valves. RD Mesa wireline. Superior Well Service arrived on location.
12:45	13:00	0.25	7.00	SAFETY	MTG	COM, STIM FET	Review JSA. Discussed emergency exits, stop the job, pressure, ice mud and snow.
13:00	13:45	0.75	7.75	RURD	STIM	COM, STIM FET	MI Superior. RU hardline. Set pop-off to 7800psi.
13:45	14:30	0.75	8.50	TEST	EQUIP	COM, STIM FET	Went to test hardline to 8500psi. Pressure bleeds off. Changed out 2" valve. Ran fluid through lines. Again won't test at high pressure. Holds on low pressure tests.
14:30	15:00	0.50	9.00	PUMP	WTR	COM, STIM FET	Opened well up. Brought rate up to 2.7 bpm. Formation broke @4011. Pumped 2.5 barrels of Magnacide treated water. ISIP @1915, 5-Min.@1870, 10-Min. @1863, 15-Min.@ 1860. Frac gradient @0.78psi/ft. Closed wing valves.
15:00	15:30	0.50	9.50	RURD	STIM	COM, STIM FET	RD Superior. Wrap tarp around frac tree.
15:30	06:00	14.50	24.00	SECURE	WELL	COM, STIM FET	Monitor data.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
10/27/2011 10:45		5,500.0	5,501.0

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount
10/27/2011	<zonenumber>		5,500.0	5,501.0	1,915.0	0.78	4,011.0	2.50	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
10:45	Bridge plug - permanent	4 3/8	5,535.0	5,536.5

Daily Completion and Workover

Report # 4.0, Report Date: 10/27/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 5.0, Report Date: 11/3/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 11/3/2011	Report End Date 11/4/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Perforated the Niobrara 'B' shale. Pumped FET.	Operations Next Report Period Monitor pressure falloff. Next FET 11-9-11			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	10:00	4.00	4.00	WAIT ON	OTHR	COM, STIM FET	Wait to finish pumping FET on Owl Creek.
10:00	11:30	1.50	5.50	RURD	ELEC	COM, STIM FET	MI Mesa wireline. Check pressure(440psi) RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well.
11:30	12:30	1.00	6.50	PERF	CSG	COM, STIM FET	RIH with Owens 10K 4.375 CIBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090 -5112' Set plug @ 5485'(CBL/NL), came up hole and perforated the Niobrara 'B' Shale @ 5461-5462'(CBL/NL). POOH all shots fired. Spent gun measured 3.37, 3.38 and 3.39OD. RD wireline.
12:30	13:00	0.50	7.00	RURD	STIM	COM, STIM FET	MIRU Superior Well Service. Connected iron to frac tree.
13:00	13:15	0.25	7.25	SAFE TY	MTG	COM, STIM FET	Held JSA safety meeting. 1- MOC, 3- Superior, 1- Magna. Discussed biocide, eyewash station, egress points, stop job authority.
13:15	13:30	0.25	7.50	PUMP	WTR	COM, STIM FET	Set pop-off to 7800psi, pump and lines @8532psi. Opened well up with 42psi. Brought rate up to 2.5bpm. Formation broke @4105psi. Pumped 3.6bbls. magnacide treated water. ISIP 4105psi. 5-Min.@1744, 10-Min @1576 and 15-Min @1482. 0.98 psi/ft. frac gradiet. Closed wing valves.
13:30	13:45	0.25	7.75	RURD	STIM	COM, STIM FET	RD Superior. Next FET 11-10-11.
13:45	06:00	16.25	24.00	SECU RE	WELL	COM, STIM FET	SWI. Recording data.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
11/3/2011 13:00		5,461.0	5,462.0

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount
11/3/2011	<zonename>		5,461.0	5,462.0	4,105.0	0.98	5,104.0	3.60	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
10:00	Bridge plug - permanent	4 3/8	5,485.0	5,486.5

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Daily Completion and Workover

Report # 5.0, Report Date: 11/3/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Cement				
Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 6.0, Report Date: 11/10/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0		Target Formation NIOBRARA		AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C... Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)

Daily Operations

Report Start Date 11/10/2011	Report End Date 11/11/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Perforated the Niobrara 'B' Pumped FET	Operations Next Report Period Monitor pressure. Next FET 11-17-11			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	07:00	1.00	1.00	SECURE	WELL	COM, STIM FET	Well secure
07:00	07:15	0.25	1.25	SAFETY	MTG	COM, STIM FET	Reviewed Mesa JSA. 1- MOC, 4- MWL. Discussed pressure, overhead loads, spills, ice and uneven ground.
07:15	08:45	1.50	2.75	RURD	ELEC	COM, STIM FET	MI Mesa wireline. Check pressure(185psi) RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well.
08:45	09:15	0.50	3.25	RUNUL	ELEC	COM, STIM FET	RIH with Owens 10K 4.375 CIBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090 -5112' Set plug @ 5445'(CBL/NL), came up hole and perforated the Niobrara 'B' @ 5420-5421'(CBL/NL). POOH all shots fired. Spent gun measured 3.35, 3.35 and 3.30D.
09:15	10:15	1.00	4.25	RURD	ELEC	COM, STIM FET	Close master valves. RD Mesa.
10:15	10:45	0.50	4.75	RURD	STIM	COM, STIM FET	MI Superior Well Serv. Held JSA 1- MOC, 3- Superior and 1- Magna. Discussed pressure, slips/trips around tree. Egress points, stop the job.
10:45	11:30	0.75	5.50	TEST	EQUIP	COM, STIM FET	Set pop-off to 7900psi, iron tested to 8100. Opened well up, brought rate up to 2.5bbbls./min. Niobrara 'B' broke down @ 6410psi. Pumped 4.3bbbls. magnacide treated water into formation. ISIP @ 2522psi. 5min @ 1350, 10Min @1056 and 15min. @945psi. FG.(0.90 psi/ft.) Closed wing valves.
11:30	06:00	18.50	24.00	SECURE	WELL	COM, STIM FET	Monitor data.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
11/10/2011 09:00		5,420.0	5,421.0

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount
11/10/2011	<zonename>		5,420.0	5,421.0	2,522.0	0.90	6,410.0	4.30	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
09:00	Bridge plug - permanent	4 3/8	5,445.0	5,446.5

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Daily Completion and Workover

Report # 6.0, Report Date: 11/10/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Cement				
Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 7.0, Report Date: 11/17/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 11/17/2011	Report End Date 11/18/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Perforated the Niobrara Upper 'B'. Pumped FET.	Operations Next Report Period Monitor pressure. Next FET 11-21-11			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	07:45	1.75	1.75	SECURE	WELL	COM, STIM FET	Well secure
07:45	08:15	0.50	2.25	SAFETY	MTG	COM, STIM FET	Held and reviewed JSA for Mesa wireline. 1-MOC, 4- Mesa wireline. New hire facilitated JSA. We all guided him through it. He ask and we answered his questions as well as pointing out safety precautions.
08:15	09:15	1.00	3.25	RURD	ELEC	COM, STIM FET	MI Mesa wireline. Check pressure. RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well.
09:15	09:45	0.50	3.75	RUNPUL	ELEC	COM, STIM FET	RIH with Weatherford 10K 4.375 CBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090-5112' Set plug @ 5410'(CBL/NL), came up hole and perforated the Niobrara Upper B' @ 5388-5389'(CBL/NL). POOH all shots fired. Spent gun measured 3.32, 3.35 and 3.31 OD.
09:45	10:30	0.75	4.50	RURD	ELEC	COM, STIM FET	RD Mesa wireline
10:30	11:00	0.50	5.00	WAIT ON	EQUIP	COM, STIM FET	Wait for Superior and Magna.
11:00	12:45	1.75	6.75	PUMP	WTR	COM, STIM FET	Held JSA. 1- MOC, 3- SWS and 1- Magna. Discussed slips/trips, pop-off and line pressures. Set pop-off @7600psi, lines to 9200. Opened well up. Brought rate up to 2.6bpm. Formation broke @ 4410 psi. Pumped 4 barrels of magnacide treated water into the formation. ISIP @ 1158 psi (0.65 psi/ft). 5 min @ 1070, 10 min @ 1015 and 15 min @ 960 psi. Closed wing valves. SWI. Monitor well with DataTrap.
12:45	13:15	0.50	7.25	RURD	STIM	COM, STIM FET	RD Superior Energy Serv.
13:15	06:00	16.75	24.00	SECURE	WELL	COM, STIM FET	SWI

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
11/17/2011 09:00		5,388.0	5,389.0

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount
11/17/2011	<zonename>		5,388.0	5,389.0	1,158.0	0.65	4,410.0	4.00	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
09:00	Composite Frac Plug	4 3/8	5,410.0	5,411.5

Daily Completion and Workover

Report # 7.0, Report Date: 11/17/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 8.0, Report Date: 11/23/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 11/23/2011	Report End Date 11/24/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Set CBP, perforated the Niobrara 'A'	Operations Next Report Period Monitor pressure. 11-28-11 set CBP and dump bail cement. RD top master valve.			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	06:30	0.50	0.50	RURD	ELEC	COM, STIM FET	MI Mesa wireline. Spot equipment.
06:30	07:00	0.50	1.00	SAFE TY	MTG	COM, STIM FET	Reviewed/observed safety participation. 1- MOC, 3- MWS, 1-WC. Critiqued their safety awareness and actions.
07:00	08:00	1.00	2.00	RURD	ELEC	COM, STIM FET	MI Mesa wireline. Check pressure. RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Arm gun. Equalize well.
08:00	08:30	0.50	2.50	PERF	CSG	COM, STIM FET	RIH with Weatherford 10K 4.375 CBP and 3 1/8 TAG gun, loaded with 23 gram Owen 3125-31NT charges. Correlate to short joint at 5090-5112' Set plug @ 5370'(CBL/NL), came up hole and perforated the Niobrara 'A' @ 5335-5336'(CBL/NL). POOH all shots fired. Spent gun measured 3.36, 3.35 and 3.37 OD.
08:30	09:30	1.00	3.50	SECU RE	WELL	COM, STIM FET	SWI.
09:30	10:15	0.75	4.25	WAIT ON	EQUIP	COM, STIM FET	Wait for crew and water.
10:15	10:30	0.25	4.50	SAFE TY	MTG	COM, STIM FET	Reviewed/observed JSA safety meeting. Crews did a good job discussing 911 calls, slips/trips. etc.
10:30	11:00	0.50	5.00	PUMP	WTR	COM, STIM FET	Test pop-off @ 7900 psi. Llines to 8682 psi. Opened well up to 2.1 bpm. Formation broke @4514 psi. Pumped 5bbls/ magnacide treated water into well. ISDP @ 1950 psi. 5 min. @ 963 psi. 10 min. @ 945 psi and 15 min. @ 926 psi. FG=(0.80 psi./ft.)
11:00	11:30	0.50	5.50	SECU RE	WELL	COM, STIM FET	Closed wing valves. SWI. RD BJ.
11:30	06:00	18.50	24.00	SECU RE	WELL	COM, STIM FET	Monitor data. Set CBP and dump bail cement on 11-30-11

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
11/23/2011 08:30		5,335.0	5,336.0

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount
11/23/2011	<zonenumber>		5,335.0	5,336.0	1,950.0	0.80	4,514.0	5.00	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
08:30	Composite Frac Plug	4 3/8	5,370.0	5,371.5

Daily Completion and Workover

Report # 8.0, Report Date: 11/23/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 9.0, Report Date: 11/28/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COM, STIM FET

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 11/28/2011	Report End Date 11/29/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Set CBP plug, dump bailed 10' cement.	Operations Next Report Period NA			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	10:30	4.50	4.50	WAIT ON	EQUIP	COM, STIM FET	Wait to finish CBL on the Pawnee Creek 1-B.
10:30	12:00	1.50	6.00	RURD	ELEC	COM, STIM FET	MI Mesa wireline. Check pressure @ 79 psi.RU tool trap, wireline lubricator, pump-in sub, WL BOP's. Equalize well.
12:00	12:30	0.50	6.50	SETR EL	PLUG		RIH with Weatherford 10K 4.375 CBP and 3 1/8 setting tool, Correlate to short joint at 5090-5112' Set plug @ 5300'(CBL/NL), POOH.
12:30	13:00	0.50	7.00	SPOT	CMT		PU 20' dump bailer with cement. RIH to 5300' Tagged plug worked wireline up and down . POOH, cement was displaced. Close master valves.
13:00	14:00	1.00	8.00	RURD	ELEC		RD Mesa.
14:00	15:00	1.00	9.00	WAIT ON	EQUIP		Wait for Weatherford to finish on the 1B
15:00	16:00	1.00	10.00	NUND	TREE		ND top master valve, NU blank flange.
16:00	06:00	14.00	24.00	SECU RE	WELL		Well secure.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
12:00	Composite Frac Plug	4 3/8	5,300.0	5,301.5

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 10.0, Report Date: 12/11/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: FRAC, STIM

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (Fld-Final) (Cost)		Drilled Depth (ft)
6,500.0	NIOBRARA	DX1123735CAP CMP02	677,500.00	565,750.11		565,750.11		

Daily Operations

Report Start Date 12/11/2011	Report End Date 12/12/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary MIRU Baker Seismic	Operations Next Report Period Monitor events during frac on the 1B horizontal			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Mike Olson		
Tim Weed		
Jess Pennel		
Derrick Autry		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	07:00	1.00	1.00	SECU RE	WELL	FRAC, STIM	Well secure
07:00	08:00	1.00	2.00	RURD	ELEC	FRAC, STIM	Baker Atlas arrived on location
08:00	11:00	3.00	5.00	WAIT ON	EQUIP	FRAC, STIM	Master valve is frozen. Wait for heater.
11:00	14:00	3.00	8.00	RUNP UL	ELEC	FRAC, STIM	RIH with 24 geophones to 5000'.
14:00	16:00	2.00	10.00	TEST	EQUIP	FRAC, STIM	Test tools and software system.
16:00	06:00	14.00	24.00	SECU RE	WELL	FRAC, STIM	Tie-off wireline. Secure well.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 11.0, Report Date: 12/12/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: FRAC, STIM

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0		Target Formation NIOBRARA		AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C... Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)

Daily Operations

Report Start Date 12/12/2011	Report End Date 12/13/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Recorded events while fracing.	Operations Next Report Period Continue to monitor events			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Mike Olson		
Tim Weed		
Jess Pennel		
Derrick Autry		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	16:30	10.50	10.50	WAIT ON	TRET	FRAC, STIM	Waiting to frac stage 1 on 1B horizontal.
16:30	18:30	2.00	12.50	LOG	OTHR	FRAC, STIM	Recording seismic events.
18:30	06:00	11.50	24.00	WAIT ON	EQUIP	FRAC, STIM	Waiting to pump stage 2.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 12.0, Report Date: 12/13/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: FRAC, STIM

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0		Target Formation NIOBRARA		AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C... Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)

Daily Operations

Report Start Date 12/13/2011	Report End Date 12/14/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Record events while fracing.	Operations Next Report Period Continue to record and monitor events.			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Mike Olson		
Tim Weed		
Jess Pennel		
Derrick Autry		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	06:00	24.00	24.00	LOG	OTHR	FRAC, STIM	Monitor microseismic events.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 13.0, Report Date: 12/14/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: FRAC, STIM

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 12/14/2011	Report End Date 12/15/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Record events while fracing	Operations Next Report Period Continue to record and monitor events.			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Mike Olson		
Tim Weed		
Jess Pennel		
Derrick Autry		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	06:00	24.00	24.00	LOG	OTHR	FRAC, STIM	Monitor events.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 14.0, Report Date: 12/15/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: FRAC, STIM

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0		Target Formation NIOBRARA		AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C... Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)

Daily Operations

Report Start Date 12/15/2011	Report End Date 12/16/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Record events while fracing.	Operations Next Report Period Vibrate, RD Baker Atlas			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Mike Olson		
Tim Weed		
Jess Pennel		
Derrick Autry		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	22:00	16.00	16.00	LOG	OTHR	FRAC, STIM	Record events.
22:00	06:00	8.00	24.00	SECU RE	WELL	FRAC, STIM	Secure well.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 15.0, Report Date: 12/16/2011

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: FRAC, STIM

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0		Target Formation NIOBRARA		AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C... Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)

Daily Operations

Report Start Date 12/16/2011	Report End Date 12/17/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary Vibrate. RD Baker Atlas	Operations Next Report Period Secure well			

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Mike Olson		
Tim Weed		
Jess Pennel		
Derrick Autry		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	14:00	8.00	8.00	LOG	OTHR	FRAC, STIM	Vibrate selected locations
14:00	06:00	16.00	24.00	SECU RE	WELL		RD crane and Baker Atlas.

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 16.0, Report Date: 1/11/2012

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COIL, TBG

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (Fld-Final) (Cost)		Drilled Depth (ft)
6,500.0	NIOBRARA	DX1123735CAP CMP02	677,500.00	565,750.11		565,750.11		

Daily Operations

Report Start Date 1/11/2012	Report End Date 1/12/2012	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number		
Operations Summary MI CTU and associated Equipment		Operations Next Report Period RU CTU and D/O CBP's, RD CTU		

Daily Contacts

Contact Name	Office	Mobile
Mike Olson		
Jess Pennel		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	07:00	1.00	1.00	SECU RE	WELL		Well Shut In
07:00	13:00	6.00	7.00	MOB	RIG	COIL, TBG	MI and spot CTU and associated equipment
13:00	06:00	17.00	24.00	SECU RE	WELL	COIL, TBG	Well Shut In

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 17.0, Report Date: 1/12/2012

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COIL, TBG

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0	Target Formation NIOBRARA	AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C...	Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)	

Daily Operations

Report Start Date 1/12/2012	Report End Date 1/13/2012	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary RU CTU, D/O CBP's @ 5300', 5370', 5410', RD CTU	Operations Next Report Period MO CTU, install prod tree			

Daily Contacts

Contact Name	Office	Mobile
Mike Olson		
Jess Pennel		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	07:00	1.00	1.00	SECU RE	WELL	COIL, TBG	Well Shut In
07:00	07:30	0.50	1.50	SAFE TY	MTG	COIL, TBG	Held Safety Meeting go over JSAs and Emergency Procedures, drill out operations, coil tubing operations, pressure control and release, spill prevention, pinch points, suspended loads and good communications.
07:30	09:30	2.00	3.50	RURD	COIL	COIL, TBG	RU lubricator, BOPE, Fill reel pressure test 200/4500, pull test CT cont. to 25k.
09:30	13:30	4.00	7.50	WAIT ON	WTHR	COIL, TBG	Wind gusting to high to remove Lubricator and install mill and motor BHA, circ thru reel, wait for wind to calm down.
13:30	17:30	4.00	11.50	MILL	PLUG	COIL, TBG	PU MU 4.5" mill and motor, RIH 0.5 Bpm tag cement @ 5293', D/O cement @ 2.5 Bpm, D/O CBP's @ 5300', 5370', 5410', circ dwn tag CIBP @ 5445' pump multiple sweeps. POOH LD BHA and mill.
17:30	20:30	3.00	14.50	RURD	COIL	COIL, TBG	POOH LD BHA and mill. Blow reel dry with N2, RD CTU.
20:30	06:00	9.50	24.00	SECU RE	WELL	COIL, TBG	Well Shut In

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)
17:30	Composite Frac Plug	5,410.0	5,411.5	4 3/8
15:00	Composite Frac Plug	5,370.0	5,371.5	4 3/8
14:30	Composite Frac Plug	5,300.0	5,301.5	4 3/8

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 18.0, Report Date: 1/13/2012

Well Name: PAWNEE CREEK 9-57-18-1M

Phase: COIL, TBG

Well Name PAWNEE CREEK 9-57-18-1M	API/UWI	Permit # 400161847	Excalibur ID # 0512333666	Operator MARATHON OIL COMPANY	Surface Spud Date 1/14/2012
Well Configuration Type	Original KB Elevation (ft) 4,623.00	Ground Elevation (ft) 4,598.00	KB-Ground Distance (ft) 25.00	Rotary Spud Date 9/9/2011	Rig Release Date
Surface Legal Location SE/NW, Sec. 18, T9N, R57W	North/South Distance (ft) 2,627.0	North/South Reference FNL	East/West Distance (ft) 2,266.0	East/West Reference FWL	Lat/Long Datum NAD27
Latitude (°) 40° 45' 5.958" N	Longitude (°) 103° 47' 40.135" W	Basin	Field Name PAWNEE CREEK	County WELD	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 10/12/2011		End Date 1/14/2012	
Tgt Depth (ftKB) 6,500.0		Target Formation NIOBRARA		AFE Number DX1123735CAP CMP02	AFE+Supp Amt (Cost) 677,500.00	Total Fld Est (Cost) 565,750.11	Total Final Invoice (C... Var (Fld-Final) (Cost) 565,750.11	Drilled Depth (ft)

Daily Operations

Report Start Date 1/13/2012	Report End Date 1/14/2012	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR	Rig Number			
Operations Summary MO CTU, Install Production tree	Operations Next Report Period Well Shut In			

Daily Contacts

Contact Name	Office	Mobile
Mike Olson		
Jess Pennel		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	08:00	2.00	2.00	SECURE	WELL	COIL, TBG	Well Shut In
08:00	08:30	0.50	2.50	SAFETY	MTG	COIL, TBG	Held Safety Meeting go over JSAs and emergency procedures, pinch points, traffic on location, well control, suspended loads.
08:30	10:00	1.50	4.00	MOB	RIG	COIL, TBG	MO Coil Tubing Services CT unit and associated equipment.
10:00	13:00	3.00	7.00	NUND	WLHD	COIL, TBG	0 psi on well Install tbg hanger and double check, ND frac valve, NU 2 9/16" double valve Prod tree, pressure test 200/ 5000 psi tested good. Empty frac tanks.
13:00	06:00	17.00	24.00	SECURE	WELL	COIL, TBG	Well Shut In

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)

Stimulations & Treatments

Date	Zone	Stim/Treat Co.	Min Top Depth (ft...)	Max Btm Depth (ft...)	ISIP (psi)	Frac Gradient (psi/ft)	P Max (psi)	Total Clean Volum...	Total Add Amount

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp