

Daily Completion and Workover

Report # 1.0, Report Date: 9/19/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, EVAL

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47		Drilled Depth (ft)

Daily Operations

Report Start Date 9/19/2011	Report End Date 9/20/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary NU (2) 10K manual master valves, test, RIH with gauge ring/junk basket, run CBL perforated Mowry @ 6500-6501'		Operations Next Report Period RD wireline, pump FET		

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		Well secure
07:00	07:15	0.25	1.25	SAFETY	MTG	COM, EVAL	JSA safety meeting. 1- MOC, 2- Weatherford, 1-NPT, 1- hotshot. Discussed spotters, pinch points, overhead loads.
07:15	10:30	3.25	4.50	NUND	TREE	COM, EVAL	Opsi casing pressure. ND blank flange. Install 2-way BPV. NU (2) 10K weatherford manual master valves. NU bland flange and install pressure nipple and hose. Test down one each master valves as well as from bottom to top of valves. Charted each test @500/8500psi. Tested OK. Pulled BPV.
10:30	10:45	0.25	4.75	SAFETY	MTG	COM, EVAL	Held JSA safety meeting, 1- MOC, 4- Baker Atlas. Discussed spotter, overhead loads, tag lines and pressure.
10:45	12:15	1.50	6.25	RUNPUL	ELEC	COM, EVAL	PU 4.5 OD gauge ring and junk basket. RIH to 6707'(PBTD). POOH without gauge ring.
12:15	13:15	1.00	7.25	RUNPUL	ELEC	COM, EVAL	RIH with 3.50 OD gauge ring and junk basket to 6706'. POOH
13:15	16:15	3.00	10.25	RUNPUL	ELEC	COM, EVAL	PU 2 3/4 Radial Bond Log and RIH to 6707'. Logged from TD to TOC @ 3600'. BHT @ 198". Picked up short casing joint @5691'. Fluid level 60' from surface.
16:15	17:30	1.25	11.50	TEST	CSG	COM, EVAL	Filled casing with 1 bbl. water. Connected IPS high pressure hose to 1502 connection on wing valve. Tested casing and tree @500/8000psi. Tested OK. Bled off casing to 2000psi. Shut in casing.
17:30	19:00	1.50	13.00	PERF	CSG	COM, EVAL	PU 5K lubricator, pack off, tool trap, pump-in sub and WL BOP. PU and armed 2 7/8 TAG guns, loaded with 17 gram 2818 Predator XS charges, 3 spf @120" phasing. Perforated the Mowry from 6500-6501'(CBL/ND) measurement. Correlated to casing collar @ 5691'. POOH all shots fired.
19:00	06:00	11.00	24.00	SECURE	WELL	COM, EVAL	Closed master and wing valves.

Logs

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

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
9/19/2011 16:00	<zonename>	6,500.0	6,501.0

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
9/19/2011	<zonename>		6,500.0	6,501.0	2,559.0	0.83	6,732.0	20.00	

Daily Completion and Workover

Report # 1.0, Report Date: 9/19/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, EVAL

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: 9/20/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 9/20/2011	Report End Date 9/21/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Pumped FET on Mowry		Operations Next Report Period Data gathering. Next FET 9-27		

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, EVAL	Secured well.
07:00	07:15	0.25	1.25	SAFETY	MTG	COM, STIM FET	Held JSA 4- Baker Atlas 1- MOC. Discussed pinch points, overhead loads.
07:15	08:15	1.00	2.25	RURD	ELEC	COM, STIM FET	ND lubricator, tool trap, WL BOP. Clean around tree.
08:15	08:30	0.25	2.50	SAFETY	MTG	COM, STIM FET	JSA safety meeting 5- BJS, 1- Moc, 1- Magna.
08:30	09:00	0.50	3.00	RURD	STIM	COM, STIM FET	RU Baker Hughes hardline to wing valves.
09:00	09:30	0.50	3.50	TEST	EQIP	COM, STIM FET	Pressure test hardline to 9153psi, Pop-off to 7288psi.
09:30	10:15	0.75	4.25	PUMP	WTR	COM, STIM FET	Opened up well. Casing had 0 psi. Brought rate up to 2.1 bpm. Formation broke down at 2.1 bpm at 6732 psi. Increased rate to 5.1 bpm @ 5175 psi. Pumped 20 barrels of Magnacide 575 treated water. Shut well in. ISIP 2559 psi. (0.83 psi/ft) 5 min. @ 2235 psi., 10 min. @ 2168 psi and 15 min. @ 2125 psi. Average treating pressure = 3485 psi, Maximum = 6732, Mimimum= 238 psi.
10:15	06:00	19.75	24.00	SECURE	WELL	COM, STIM FET	Close valves. Next FET 9-27. GHG: Manlift 1hr. Falcon pump 287hp/30min.

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: 9/27/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 9/27/2011	Report End Date 9/28/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary RIH with CIBP, Perforated the Codell. Pumped FET. Next activity 10-4.		Operations Next Report Period Data gathering.		

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	JSA safety meeting. 1- MOC, 4- Baker Atlas. Discussed SIMOPS, cell phone and 2-way radios off. Pinch points, overhead loads.
07:15	09:15	2.00	3.25	RURD	ELEC	COM, STIM FET	1010psi. on well. PU DSA, tool trap, WL BOP's, lubricator. Load and armed gun. Equalized well to lubricator.
09:15	10:00	0.75	4.00	RUNPUL	ELEC	COM, STIM FET	RIH with 4.375OD 10K CIBP and 2 7/8 TAG guns loaded with 17 gram 2818 Predator XS charges. Correlated Plug and Perf depths with short collar @5691'. Set CIBP @ 6475'(CBL/ND). Came up hole and correlated once again with short collar @5691'. Perforated Codell(CBL/ND) @ 5976-77', 3spf, 120* phasing.
10:00	11:45	1.75	5.75	RURD	ELEC	COM, STIM FET	POOH with gun. All shots fired. Gun measured 2.90-2.95 OD after firing. RD lubricator, tool tray, DSA and WL BOP's.
11:45	12:15	0.50	6.25	RURD	STIM	COM, STIM FET	Held JSA 1- MOC, 6- BJS, 1- Magna. Discussed spotter, pressure, pinch points spills. RU hardline to frac tree.
12:15	14:45	2.50	8.75	TEST	EQUIP	COM, STIM FET	Pressure 3 is giving false pressures. Changed out new transducer, trouble shoot computer software, check for shorted out cables. Pressure bleeds off 1500psi. in 15 min. Isolate Pressure 3. Tests OK.
14:45	15:15	0.50	9.25	PUMP	WTR	COM, STIM FET	Opened up well. Casing had 19 psi. Brought rate up to 2.1 bpm. Formation broke down at 2.1 bpm at 4968 psi. Increased rate to 4.5 bpm @ 3331 psi. Pumped 10 barrels of Magnacide 575 treated water. Shut well in. ISIP 1005 psi. (0.60 psi/ft) 5 min. @ 860 psi., 10 min. @ 824 psi and 15 min. @ 793 psi. Average treating pressure = 2528 psi, Maximum = 4968, Mimimum= 2458 psi.
15:15	06:00	14.75	24.00	SECURE	WELL	COM, STIM FET	Closed valves. Collecting data. Next FET (Niobrara Lower C) scheduled for 10-4-11.

Logs

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

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
9/27/2011 10:00	<zonenumber>	5,976.0	5,977.0

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
9/27/2011	<zonenumber>		5,976.0	5,977.0	1,005.0	0.60	4,968.0	10.00	

Daily Completion and Workover

Report # 3.0, Report Date: 9/27/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
10:00	Bridge plug - permanent	4 3/8	6,475.0	6,476.5

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 # 4.0, Report Date: 10/4/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012	
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date	
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27	
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO	
Jobs						
Job Category COMPLETION		Primary Job Type INITIAL COMPLETION		Start Date 9/19/2011	End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C... Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)

Daily Completion and Workover

Report # 4.0, Report Date: 10/4/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Perforations			
Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
10/4/2011 14:00	<zonenumber>	5,900.0	5,901.0
10/4/2011 11:00	<zonenumber>	5,937.0	5,938.0

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
10/4/2011	<zonenumber>								
10/4/2011	<zonenumber>		5,900.0	5,901.0	3,246.0	0.98	7,300.0	20.00	

Other in Hole Run (Bridge Plugs, etc)			
Run Time	Des	OD (in)	Btm (ftKB)
13:00	Bridge plug - permanent	4 3/8	5,930.0

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

Cement				
Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 5.0, Report Date: 10/11/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 10/11/2011	Report End Date 10/12/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Set Baker 10K CIBP, Perforated the Niobrara 'C', Pumped FET.		Operations Next Report Period Monitor pressure falloff. Next FET scheduled for 10-18-11		

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	07:00	1.00	1.00	SECU RE	WELL	COM, STIM FET	Continue monitoring pressure falloff from the Niobrara Lower C.
07:00	07:30	0.50	1.50	SAFE TY	MTG	COM, STIM FET	Safety meeting.
07:30	09:00	1.50	3.00	RURD	ELEC	COM, STIM FET	Remover DataTrap and download data. RU Baker Atlas. PU lubricator, grease injection, BOPs, tool trap and pump in sub. PU 4.375" OD 10K CIBP and 2 7/8" TAG guns loaded with 3 charges, 120" phasing, 17 gram 2818 Predator XS charges.
09:00	10:30	1.50	4.50	RUNP UL	ELEC	COM, STIM FET	RIH. Correlated Plug and Perf depths with short collar @5691'. Correlated to set CIBP @ 5880'. Set plug. PU. Drop down and tag plug. PU and perforated Niobrara "C" from 5850-51' NDL (5851 -52' CBL). POOH.
10:30	11:30	1.00	5.50	RURD	ELEC	COM, STIM FET	OOH. All shots fired. Gun measured: 2.97", 2.98" and 2.97". SI well. RDMO Baker Atlas.
11:30	16:00	4.50	10.00	WAIT ON	EQUIP	COM, STIM FET	Wait on BJ pump equipment - held up on another job.
16:00	16:30	0.50	10.50	SAFE TY	MTG	COM, STIM FET	BJ and Magna on location. Spot equipment. Conduct safety meeting and discuss job.
16:30	17:00	0.50	11.00	RURD	STIM	COM, STIM FET	RU 2" 15K line from BJ pump truck to prodction casing valves. RU DataTrap on opposite side casing valve.
17:00	17:30	0.50	11.50	TEST	EQUIP	COM, STIM FET	PT lines to 8700 psi. Set pop-off to 7900 psi.
17:30	18:00	0.50	12.00	TEST	PFO	COM, STIM FET	Start pumping the Niobrara C FET at 2.6 bpm. Saw break at 2.6 bpm and 4931 psi. Increase rate to 5.6 bpm at 5200 psi. Allow rate and pressure to stabilize. SI well. ISIP = 1817 psi (0.74 psi/ft). Pumped a total of 23.8 bbls of fresh water w/ Magnacide 475. 5 min = 1539 psi. 10 min = 1430 psi. 15 min = 1363 psi. SI well.
18:00	18:30	0.50	12.50	RURD	STIM	COM, STIM FET	RDMO BJ and Magna.
18:30	06:00	11.50	24.00	SECU RE	WELL	COM, STIM FET	Well secure. Monitor pressure falloff with DataTrap. Final report until next FET scheduled for 10/18/11.

Logs

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

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
10/11/2011 10:00	<zonename>	5,850.0	5,851.0

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
10/11/2011	<zonename>		5,850.0	5,851.0	1,817.0	0.74	5,200.0	23.80	

Daily Completion and Workover

Report # 5.0, Report Date: 10/11/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
14:00	Bridge plug - permanent	4 3/8	5,880.0	5,881.5

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 # 6.0, Report Date: 10/18/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 10/18/2011	Report End Date 10/19/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Perforated Niobrara lower 'B'. Pumped FET.		Operations Next Report Period Monitor pressure falloff. Next FET scheduled for 10-25-11		

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	Held JSA safety meeting. 1- MOC, 4-Baker Atlas. Discussed overhead loads, spotter, arming guns, placing placards.
07:15	08:45	1.50	2.75	RURD	ELEC	COM, STIM FET	ND blank flange, NU pump-in sub, tool trap, WI BOP'S. Arm gun and CBP, equalize well. Casing pressure 530psi.
08:45	09:45	1.00	3.75	RUNUL	ELEC	COM, STIM FET	RIH with Baker 5 1/2 (4.375OD) 10K CBP and 2 7/8 TAG guns, loaded with 17.0 gram 2818 Predator XS charges, 3spf, 120* phasing. Correlated to short joint @ 5691'(CBL/NDL). Set plug @5830'. Came up hole and perforated the Niobrara lower 'B' @ 5800-01(CBL/NDL). POOH all shots fired.
09:45	10:30	0.75	4.50	RURD	ELEC	COM, STIM FET	TAG gun measured 2.90, 2.92 and 2.95 OD.
10:30	11:45	1.25	5.75	RURD	STIM	COM, STIM FET	RU Baker pumping services. Circulated pumps, loaded hardline. Replaced pressure 3 transducer and cable.
11:45	12:30	0.75	6.50	PUMP	WTR	COM, STIM FET	Tested hardline to 10,339 psi. Pop off set to 7800psi. Opened well up with 9psi. Pumped at a rate of 2.1 bpm for break down. Formation broke @ 6600psi/2.1bpm. Increased rate to 4.8bph/7400psi. Lowered rate down to 3.5bpm/4600psi. Pumped 20 barrels of Magnacide treated water. ISIP-2600psi, 5-min@1344psi, 10-min@1252psi and 15-min@1191. Max treating pressure-6600psi, average treating pressure-4800psi and minimum treating pressure-4600psi. FG(.88psi/ft.)
12:30	13:00	0.50	7.00	RURD	STIM	COM, STIM FET	Secure well. Next FET 10-25-11
13:00	06:00	17.00	24.00	SECURE	WELL	COM, STIM FET	SWI

Logs

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

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
10/18/2011 10:30	<zonename>	5,800.0	5,801.0

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
10/18/2011	<zonename>		5,800.0	5,801.0	2,600.0	0.88	6,600.0	20.00	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
10:30	Composite Frac Plug	4 3/8	5,830.0	5,831.5

Daily Completion and Workover

Report # 6.0, Report Date: 10/18/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

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 # 7.0, Report Date: 10/25/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 10/25/2011	Report End Date 10/26/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Perforated Niobrara 'B'. Pumped FET, Niobrara would not break.		Operations Next Report Period Reperforate Niobrara 'B' pump FET		

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 JSA safety topics. 1- MOC, 5- Baker wireline. Discussed pressure on well, high winds, overhead loads and cold weather.
07:15	09:15	2.00	3.25	RURD	ELEC	COM, STIM FET	ND blank flange, NU pump-in sub, tool trap, WI BOP'S. Arm gun and CBP, equalize well. Casing pressure 426psi.
09:15	09:45	0.50	3.75	PERF	CSG	COM, STIM FET	RIH with Baker 5 1/2 (4.375OD) 10K CBP and 2 7/8 TAG guns, loaded with 17.0 gram 2818 Predator XS charges, 3spf, 120° phasing. Correlated to short joint @ 5691'(CBL/NDL). Set plug @5785'. Came up hole and perforated the Niobrara 'B' @ 5755-56 (CBL/NDL). POOH to 4900', line tension increased. Stopped pulling wireline.
09:45	13:45	4.00	7.75	CUT	WIRE	COM, STIM FET	Checked out what was the problem. One of the strands of wire came apart and 'bird nested' inside of the grease head. Cable clamped the wireline, laid wireline down, cut wireline. RU pack-off. POOH with wireline. The cause of the will be determined when Baker unspools line from drum.
13:45	15:15	1.50	9.25	RURD	ELEC	COM, STIM FET	POOH all shots fired. OD measured 2.90, 2.92 and 2.95. RD wireline.
15:15	15:30	0.25	9.50	SAFETY	MTG	COM, STIM FET	Reviewed JSA topics. 1- MOC, 5- Baker pumping services. Discussed pressure, spotter, PIC of valves, went over the pumping procedure.
15:30	16:00	0.50	10.00	RURD	STIM	COM, STIM FET	RU Baker pump services. Primed pumps and line. Set pop-off @ 7700, hardline tested to 8500.
16:00	16:15	0.25	10.25	PUMP	WTR	COM, STIM FET	Casing had 15psi. Opened well up. Established rate of 2.5bpm. Brought pressure up to 7540psi. Formation would not break. ISDP 7500psi. 5min.@7395, 10min.@7313, 15min. @7225
16:15	16:45	0.50	10.75	RURD	STIM	COM, STIM FET	Closed wing valves. SWI. RD Baker
16:45	06:00	13.25	24.00	SECURE	WELL	COM, STIM FET	SWI. Reperforate in the am.

Logs

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

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
10/25/2011 07:30	<zonename>	5,755.0	5,756.0

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
10/25/2011	<zonename>		5,763.0	5,764.0			7,540.0	6.50	

Daily Completion and Workover

Report # 7.0, Report Date: 10/25/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
07:30	Composite Frac Plug	4 3/8	5,785.0	5,786.5

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 # 8.0, Report Date: 10/26/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 10/26/2011	Report End Date 10/27/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Re-perforated the Niobrara 'B'. pumped FET. Next FET 11-1-11		Operations Next Report Period Monitor pressure falloff.		

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. Discussed icy cold conditions, pressure slips/trips.
08:15	10:15	2.00	4.25	RURD	ELEC	COM, STIM FET	Spot in crane and wireline truck. Casing 5100psi. Bleed of casing to 1300psi. ND blank flange, NU pack-off, tool trap, pump-in sub, and WL BOP's. Arm gun, equalize well. RIH
10:15	11:00	0.75	5.00	PERF	CSG	COM, STIM FET	RIH with 3 1/8 TAG gun loaded with 23 gram Owen 3125-31NT charges, 3spf/120" phasing. Correlated to CBL/NL depth of 5691'. Re-perforated the Niobrara 'B' @ 5763-64'(CBL/NL) measurement.
11:00	11:30	0.50	5.50	RUNPUL	ELEC	COM, STIM FET	POOH all shots fired.
11:30	12:30	1.00	6.50	RURD	ELEC	COM, STIM FET	Close master valves. RD Mesa wireline. Baker pumping services arrived on location.
12:30	12:45	0.25	6.75	SAFETY	MTG	COM, STIM FET	Held JSA safety meeting. 1- MOC, 1- Magna, 5- Baker. Discussed stop the job, spotting in water hauler, assigned location PIC. Went over pump and pressure procedures.
12:45	14:30	1.75	8.50	TEST	EQUIP	COM, STIM FET	Spotted in equipment. Hooked up hardline to tree, primed pump and lines. Tested pop-off to 7950. Replaced orings, re-primed pumps.
14:30	15:00	0.50	9.00	PUMP	WTR	COM, STIM FET	Well had 88psi. Opened well up. Brought rate up to 2.5bpm. Formation broke @2.5bpm/3750psi. Pumped 6.5 barrels of Magnacide treated fresh water. ISDP-1700psi. 5 min.@1066psi. 10 min.@1044psi. and 15 min.@1023. Frac gradient (0.73psi/ft.) Close wing valves. SWI
15:00	15:15	0.25	9.25	RURD	STIM	COM, STIM FET	RD Baker.
15:15	06:00	14.75	24.00	TEST	EQUIP	COM, STIM FET	Monitoring pressue fall-off.

Logs

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

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
10/26/2011 10:30	<zonenumber>	5,763.0	5,764.0

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
10/26/2011	<zonenumber>				1,700.0	0.73	3,750.0		

Daily Completion and Workover

Report # 8.0, Report Date: 10/26/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

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 # 9.0, Report Date: 11/1/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47		Drilled Depth (ft)

Daily Operations

Report Start Date 11/1/2011	Report End Date 11/2/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary RU wireline. Attempted to go through frac valve with 4.570 CBP. Won't go. Try a 4.375 plug in am. SDFN		Operations Next Report Period Set CBP, perforate and pump FET.		

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	16:00	10.00	10.00	SECU RE	WELL	COM, STIM FET	Turned off data trap with 446psi.
16:00	18:00	2.00	12.00	RURD	ELEC	COM, STIM FET	MIRU Baker wireline. PU Baker 10K CBP, tool trap, pump-in sub, WL BOP's and lubricator. Plug would not go through equipment. OD of plug is 4.570. SDFN
18:00	06:00	12.00	24.00	SECU RE	WELL	COM, STIM FET	SWI.

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 # 10.0, Report Date: 11/2/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47		Drilled Depth (ft)

Daily Operations

Report Start Date 11/2/2011	Report End Date 11/3/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Set CBP, perforated the Niobrara upper 'B' shale. Pumped FET.		Operations Next Report Period Monitor data.		

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	SWI
07:00	07:15	0.25	1.25	SAFETY	MTG	COM, STIM FET	Reviewed JSA. Discussed falling ice from crane, frozen valves, pressure, slips/trips and wind.
07:15	09:15	2.00	3.25	RURD	ELEC	COM, STIM FET	Re-wire cable head. Heat up grease head and line counter. Arm gun. PU DSA, tool trap, pump-in sub, WL BOP's, 2 joints of lubricator and grease head. Equalize well.
09:15	10:15	1.00	4.25	PERF	CSG	COM, STIM FET	RIH with Baker 10K CBP, 2 7/8 TAG gun loaded with 17 gram 2818 Predator XS charges, 3spf/120* phasing. Correlated to CBL/NL depth of 5691'(CBL/NL) measurement. Set plug @5745(CBL/NL), PU to perforate Niobrara Upper 'B' shale @ 5724-5725'(CBL/NL). POOH all hots fired. OD of spent gun is (2) @ 2.97, 1 @ 2.98.
10:15	11:15	1.00	5.25	RURD	ELEC	COM, STIM FET	RD Baker wireline. Baker pumping services arrived on location.
11:15	13:15	2.00	7.25	RURD	STIM	COM, STIM FET	Held JSA meeting. 1- MOC, 5- Bake, 1- Magna. Discussed ice, mud, uneven ground. Pressure test lines, replaced numerous 2" o'rings. Set pop-off @ 7890psi, lines to 8450psi.
13:15	13:45	0.50	7.75	PUMP	WTR	COM, STIM FET	Opened well up. Brought rate up to 2.6bbls./min. Formation broke @4410psi. Pumped 6bbls. magnacide treated water. ISDP @ 3206. 5Min.@1327, 10min.@1102 and 15Min.@1017. Frac gradient of 1.02 psi/ft.
13:45	14:15	0.50	8.25	RURD	STIM	COM, STIM FET	Closed wing valves. SWI. Next FET 11-9-11. Drive to Owl Creek.
14:15	06:00	15.75	24.00	SAFETY	DRIL	COM, STIM FET	Gathering data.

Logs

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

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
11/2/2011 09:30	<zonename>	5,724.0	5,725.0

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
11/2/2011	<zonename>		5,724.0	5,725.0	3,206.0	1.02	4,410.0	6.00	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
09:30	Composite Frac Plug	4 3/8	5,745.0	5,746.5

Daily Completion and Workover

Report # 10.0, Report Date: 11/2/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

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 # 11.0, Report Date: 11/8/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 11/8/2011	Report End Date 11/9/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Set CBP, Perforated the Pierre Shale. Pumped FET. Next activity 11-15-11. Set plug.		Operations Next Report Period Monitor data.		

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	06:15	0.25	0.25	SAFE TY	MTG	COM, STIM FET	Held JSA safety meeting. 1- MOC, 4- Baker wireline. Discussed using spotter, tag line, keep eye on crane operator, pressure and muddy location.
06:15	08:45	2.50	2.75	RURD	ELEC	COM, STIM FET	Casing had 435psi. PU 4.375 10K Baker CBP, PFC, CCI, DSA, tool trap, WL BOP, 3 jts. lubricator and grease head. Equalize well.
08:45	09:45	1.00	3.75	RUNP UL	ELEC	COM, STIM FET	Ran PFC log from 5475-5720. Correlated to CBL/NL log. Set 10K CBP @5710'. Perforated the Pierre Shale from 5680-5681' with 2 7/8 TAG, 17 gram 2818 Predator XS charges, 120* phasing.
09:45	11:00	1.25	5.00	RURD	STIM	COM, STIM FET	POOH with gun. Spent gun measured 2.99, 2.94 and 2.88. Closed master valves. RD Baker.
11:00	11:45	0.75	5.75	PUMP	WTR	COM, STIM FET	MIRU Baker pumping services. Held JSA, discussed pressure, muddy location, appointed line forman. Tested pop-off @7500psi, lines to 8230. Opened well up. Brought rate up to 2.5bbls/min. Formation broke down @7340psi. We killed pumps at the same time the formation broke back to avoid going over max pressure (7500). Realizing a break down, we kicked pump back in and pumped 1.6bbls. ISDP @5609. 5min.@3549psi, 10min.@3194 and 15min. @2967. FG.(1.42 psi/ft)SWI
11:45	12:15	0.50	6.25	RURD	STIM	COM, STIM FET	RD Baker pumping services.
12:15	06:00	17.75	24.00	SECU RE	WELL	COM, STIM FET	SWI

Logs

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

Perforations

Date	Perforation Stage	Top (ftKB)	Btm (ftKB)
11/8/2011 09:00	<zonenumber>	5,680.0	5,681.0

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
11/8/2011	<zonenumber>		5,680.0	5,681.0	5,609.0	1.42	7,340.0	1.60	

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)
09:00	Composite Frac Plug	4 3/8	5,710.0	5,711.5

Other in Hole Pulled (Bridge Plugs, etc)

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

Daily Completion and Workover

Report # 11.0, Report Date: 11/8/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, STIM FET

Cement				
Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 12.0, Report Date: 11/15/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: TREE, WORK

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 11/15/2011	Report End Date 11/16/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary MIRU Mesa wireline. Set 10K Weatherford CBP, dump bailed 10' cement on top of the plug. ND top manual master valve.		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	08:00	2.00	2.00	WAIT ON	WTHR	TREE, WORK	Wait for wind to subside safely before rigging up crane.
08:00	08:15	0.25	2.25	SAFE TY	MTG	TREE, WORK	Held JSA safety meeting. 1- MOC, 3- MWS, 1- Weatherford. Discussed wind, pressure, pinch points.
08:15	09:00	0.75	3.00	RURD	ELEC	TREE, WORK	Casing had 440psi. PU 4.375 10K Weatherford CBP, , CCI, DSA, tool trap, WL BOP, 2 jts. lubricator and grease head.
09:00	09:45	0.75	3.75	RUNP UL	ELEC	TREE, WORK	RIH with wireline. Ran casing collar strip from 4731-4948". Set CBP @ 5660'(CBL/NL). Tag plug. POOH. Mixed 20' cement. RIH with dump bailer. Tagged plug @ 5660'. Worked wireline up and down. POOH cement mixture was gone.
09:45	10:30	0.75	4.50	RURD	ELEC	TREE, WORK	SWI. RD wireline.
10:30	10:30		4.50	WAIT ON	EQUIP	TREE, WORK	Wait for Weatherford to arrive from horizontal 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)
11:00	Composite Frac Plug	4 3/8	5,660.0	5,661.5

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 # 13.0, Report Date: 11/16/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, EVAL

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 11/16/2011	Report End Date 11/17/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary MIRU Baker Microseismic. Casing pressure is 0psi. ND blank flange. RIH and land 25 geophones.		Operations Next Report Period		

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, EVAL	Well Secure
07:00	15:00	8.00	9.00	RURD	ELEC	COM, EVAL	MIRU Baker Microseismic. Casing pressure is 0psi. ND blank flange. RIH and land 25 geophones.
15:00	06:00	15.00	24.00	SECURE	WELL	COM, EVAL	Packoff wire and install clamp. SWI

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: 12/6/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, EVAL

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47		Drilled Depth (ft)

Daily Operations

Report Start Date 12/6/2011	Report End Date 12/7/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary RT Geophones to repair sonde 9		Operations Next Report Period Run VSP		

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

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: 12/7/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, EVAL

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 12/7/2011	Report End Date 12/8/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Run VSP log		Operations Next Report Period Monitor Frac operations		

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, EVAL	Well secure. Waiting on frac start up.
07:00	13:00	6.00	7.00	LOG	CSG	COM, EVAL	Run VSP log.
13:00	06:00	17.00	24.00	SECURE	WELL	COM, EVAL	Well secure. Waiting on frac start up.

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: 12/8/2011

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, EVAL

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs							
Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)

Daily Operations				
Report Start Date 12/8/2011	Report End Date 12/9/2011	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Stanby for Baker Microseismic.		Operations Next Report Period RD Baker Microseismic		

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	06:00	24.00	24.00	SECURE	WELL	COM, EVAL	Waiting of frac

Logs							
Date	Type				Top (ftKB)		Btm (ftKB)

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)

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: 1/2/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, WIRELINE

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 1/2/2012	Report End Date 1/3/2012	Weather	Temperature (°F)	Road Condition
Contractor RIGLESS		Rig Number		
Operations Summary RU baker wire line RIH w/Microseismic tool		Operations Next Report Period Observe Stimulation.		

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Rod Griffin		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	11:00	5.00	5.00	SECURE	WELL	COM, WIRELINE	Well shut in.
11:00	11:30	0.50	5.50	SAFETY	MTG	COM, WIRELINE	Reviewed JSA safety meeting. Stop work authority. Good communication, Pinch Points, Slips, Trips & Falls. Overhead load. Traffic on location.
11:30	16:30	5.00	10.50	RURD	ELEC	COM, WIRELINE	MIRU Baker Atlas. Microseismic. Casing pressure is 0psi. ND blank flange. RIH W/24 geophones, Land @ 5,600' thru 4,450'. The 23rd from bottom didn't open
16:30	17:30	1.00	11.50	SECURE	WELL	COM, WIRELINE	Packoff wire and install clamps, Secure well and equipment, SDFN.
17:30	06:00	12.50	24.00	SECURE	WELL	COM, WIRELINE	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 # 18.0, Report Date: 1/3/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, WIRELINE

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs							
Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)

Daily Operations				
Report Start Date 1/3/2012	Report End Date 1/4/2012	Weather	Temperature (°F)	Road Condition
Contractor RIGLESS		Rig Number		
Operations Summary Monitor Microseismic		Operations Next Report Period Observe Stimulation Stages from 10-68-16-1B		

Daily Contacts							
Contact Name				Office		Mobile	
Bruce Kelsch							
Rod Griffin							

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	COM, WIRELINE	Monitor Microseismic During frac of well 10-68-16-1B

Logs							
Date	Type				Top (ftKB)		Btm (ftKB)

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)

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 # 19.0, Report Date: 1/4/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, WIRELINE

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 1/4/2012	Report End Date 1/5/2012	Weather	Temperature (°F)	Road Condition
Contractor RIGLESS		Rig Number		
Operations Summary Monitor Microseismic		Operations Next Report Period Observe Stimulation stages from 10-68-16-1B		

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Rod Griffin		

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	COM, WIRELINE	Observe Microseismic activity during frac operations on well 10-68-16-1B

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 # 20.0, Report Date: 1/5/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, WIRELINE

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47		Drilled Depth (ft)

Daily Operations

Report Start Date 1/5/2012	Report End Date 1/6/2012	Weather	Temperature (°F)	Road Condition
Contractor RIGLESS		Rig Number		
Operations Summary Monitor Microseismic		Operations Next Report Period Observe Stimulation stages from 10-68-16-1B		

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Rod Griffin		

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	COM, WIRELINE	Monitor microseismic activities during frac operations on well 10-68-16-1B

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 # 21.0, Report Date: 1/6/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, WIRELINE

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 1/6/2012	Report End Date 1/7/2012	Weather	Temperature (°F)	Road Condition
Contractor RIGLESS		Rig Number		
Operations Summary Monitor Microseismic, POOH w/ seismic tools and RDMO		Operations Next Report Period Well Secure		

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Rod Griffin		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	19:00	13.00	13.00	LOG	OTHR	COM, WIRELINE	Monitor microseismic during frac operations on well 10- 68 -16-1B
19:00	22:00	3.00	16.00	RUNP UL	ELEC	COM, WIRELINE	POOH with microseismic tools.
22:00	22:30	0.50	16.50	RURD	ELEC	COM, WIRELINE	Rig down wireline truck and crane
22:30	06:00	7.50	24.00	SECU RE	WELL	COM, WIRELINE	Well Secured

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 # 22.0, Report Date: 1/9/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COIL, TBG

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 1/9/2012	Report End Date 1/10/2012	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary MI spot tanks and CTS CTU.		Operations Next Report Period RU CTU, drill out 5 CBP.		

Daily Contacts

Contact Name	Office	Mobile
Bruce Kelsch		
Rod Griffin		

Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code 1	Code 2	Phase	Com
06:00	13:00	7.00	7.00	SECURE	WELL	COM, EVAL	Well Shut In
13:00	15:30	2.50	9.50	SAFETY	MTG	COIL, TBG	Held Safety Orientations for Maverick and coil Tubing Services. Held Safety meeting go over JSAs and emergency procedures, pinch points, suspended loads, good communications, spill prevention.
15:30	17:00	1.50	11.00	RURD	COIL	COIL, TBG	Spot in equipment and start RU on CTU and pump.
17:00	06:00	13.00	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

Daily Completion and Workover

Report # 23.0, Report Date: 1/10/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COIL, TBG

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47		Drilled Depth (ft)

Daily Operations

Report Start Date 1/10/2012	Report End Date 1/11/2012	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary RU, Pull & PT CTU, RIH D/O CBP @ 5660', 5710', 5745', 5785', 5830', POOH RD CTU		Operations Next Report Period RD CTU move off location. NU Prod tree		

Daily Contacts

Contact Name	Office	Mobile
Jess Pennell		970-985-3113

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	COIL, TBG	Well Shut In
07:00	07:30	0.50	1.50	SAFETY	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	11:00	3.50	5.00	RURD	COIL	COIL, TBG	RU lubricator, BOPE, pressure test 200/4500, pull test CT cont. to 25k, PU MU BHA with motor jars 4.5" mill. function test mill.
11:00	19:00	8.00	13.00	DRILL	CMT	COIL, TBG	RIH 0.5 Bpm tag cement @ 5648', D/O cement @ 2.5 Bpm, D/O CBP's @ 5660', 5710', 5745', 5785', 5830', circ dwn tag CIBP @ 5880' pump multiple sweeps. POOH LD BHA and mill.
19:00	21:00	2.00	15.00	RURD	COIL	COIL, TBG	POOH LD BHA and mill. Blow reel dry with N2, RD CTU.
21:00	06:00	9.00	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)
16:00	Composite Frac Plug	5,830.0	5,831.5	4 3/8
15:00	Composite Frac Plug	5,785.0	5,786.5	4 3/8
14:00	Composite Frac Plug	5,745.0	5,746.5	4 3/8
13:00	Composite Frac Plug	5,710.0	5,711.5	4 3/8
12:00	Composite Frac Plug	5,660.0	5,661.5	4 3/8

Cement

Start Time	Des	Type	String	Cement Comp

Daily Completion and Workover

Report # 24.0, Report Date: 1/11/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COIL, TBG

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

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 Coil Tubing Services		
Operations Summary MO CTU.		Operations Next Report Period Well Shut In		

Daily Contacts

Contact Name	Office	Mobile
Jess Pennell		970-985-3113

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	COIL, TBG	Well Shut In
07:00	07:30	0.50	1.50	SAFETY	MTG	COIL, TBG	Held Safety Meeting go over JSAs and Emergency Procedures, coil tubing operations, spill prevention, pinch points, suspended loads and good communications, traffic on location.
07:30	08:30	1.00	2.50	RURD	COIL	COIL, TBG	Finish RD CTU MO .
08:30	11:00	2.50	5.00	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

Daily Completion and Workover

Report # 25.0, Report Date: 1/12/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, EVAL

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	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 Coil Tubing Services		
Operations Summary ND frac tree NU Prod tree		Operations Next Report Period Well Shut In		

Daily Contacts

Contact Name	Office	Mobile
Jess Pennell		970-985-3113

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	SECURE	WELL	COM, EVAL	Well Shut In
10:00	14:00	4.00	8.00	NUND	WLHD	COM, EVAL	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.
14:00	06:00	16.00	24.00	SECURE	WELL	COM, EVAL	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 # 26.0, Report Date: 1/31/2012

Well Name: RAWHIDE FLATS 10-68-16-1M

Phase: COM, EVAL

Well Name RAWHIDE FLATS 10-68-16-1M	API/UWI	Permit # 400128866	Excalibur ID # 0506906435	Operator MARATHON OIL COMPANY	Surface Spud Date 1/13/2012
Well Configuration Type	Original KB Elevation (ft) 5,608.00	Ground Elevation (ft) 5,578.00	KB-Ground Distance (ft) 30.00	Rotary Spud Date 8/28/2011	Rig Release Date
Surface Legal Location NW/SE, Sec.16, T10N, R68W	North/South Distance (ft) 2,563.0	North/South Reference FSL	East/West Distance (ft) 2,100.0	East/West Reference FEL	Lat/Long Datum NAD27
Latitude (°) 40° 50' 2.238" N	Longitude (°) 105° 0' 26.323" W	Basin	Field Name RAWHIDE FLATS	County LARIMER	State/Province COLORADO

Jobs

Job Category COMPLETION		Primary Job Type INITIAL COMPLETION			Start Date 9/19/2011		End Date 1/13/2012	
Tgt Depth (ftKB)	Target Formation NIOBRARA	AFE Number DX1023476CAP CMP02	AFE+Supp Amt (Cost) 572,500.00	Total Fld Est (Cost) 916,578.47	Total Final Invoice (C...	Var (Fld-Final) (Cost) 916,578.47	Drilled Depth (ft)	

Daily Operations

Report Start Date 1/31/2012	Report End Date 2/1/2012	Weather	Temperature (°F)	Road Condition
Contractor 1.ADD RIG OR CONTRACTOR		Rig Number Coil Tubing Services		
Operations Summary Ran pressure/temperature on smart wire. Secure well. Monitor BHP.		Operations Next Report Period Monitor BHP		

Daily Contacts

Contact Name	Office	Mobile
Kelly McFadgen		
Mike Olson		

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, EVAL	
08:00	08:30	0.50	2.50	SAFETY	MTG	COM, EVAL	Marathon, AKS, and Kuster personnel on location. Conduct safety meeting and discuss operations.
08:30	12:30	4.00	6.50	RURD	ELEC	COM, EVAL	Contractors provided training for BHP gauge installations. Install wire spool, box and hydraulic unit. MU 2" 5K lubricator. Wire Kuster Kperm 109 pressure/temperature gauge to 1/8" inconell wire with 18 gauge conductor. Install 4 weight bars below gauge. Total tool string = 10' and tool weight = 40 lbs. RU Data Port and 50 watt solar panel. Verify gauge is recording. PU tool string and lubricator. PT equipment against SI WHP.
12:30	15:30	3.00	9.50	RUNPUL	ELEC	COM, EVAL	WHP = 115 psi. RIH with BHA to 5750' (gauge at 5750' KB). BHP = 2650 psi. BHT = 168 def F.
15:30	16:00	0.50	10.00	RURD	ELEC	COM, EVAL	Secure spool. Tighten lubricator packoff. RD hydraulic pump and hoses. Gauge programmed to record every 15 seconds.

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