

Wellbore Schematic - Gov't Agency

ExxonMobil Production Company

Well: Fru 197-33a4

Field: Piceance Creek Field

Printed: 8/18/2010 Page #1 of 1 Page(s)

Well Header

Lease Freedom Unit Lease Tract 6			County/District Rio Blanco	Territory/State Colorado	Last Mod Date Any (UTC) 8/17/2010	Last Mod By Any ctwedde
Surface Legal Location			Land Survey System Unknown		Well Identifier 0510311100	ID Surface Location 712C4BC4E4981F88E04400144F1...
Orig KB Elev (ft) 6,428.00	KB-Grd (ft) 13.00	Gr Elev (ft) 6,415.00	Well Spud Date/Time 2/17/2009	Basin Piceance Basin		

Transform Code: 60106 - Fru 197-33A4, 8/18/2010 3:20:39 PM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	
13	13	<p>Des:Casing cement, Date:2/21/2009, Top (MD):13 ftKB, Length:52.0ft, Com:Top out job.</p> <p>Des:Primary Single, Date:2/17/2009, Top (MD):13 ftKB, Length:120.0ft</p> <p>Des:Conductor Pipe, OD:16in, Grd:J-55, WT:75.00lbs/ft, Btm (MD):133 ftKB</p> <p>Des:Primary Multi, Date:2/21/2009, Top (MD):13 ftKB, Length:1,213.4ft, Com:Full returns throughout 2nd Stage cement job. 117 bbls of cement pumped to pit.</p> <p>Des:Surface Casing, OD:10 3/4in, Grd:J-55, WT:45.50lbs/ft, Btm (MD):3,862 ftKB</p> <p>Des:Primary Multi, Date:2/21/2009, Top (MD):1,226 ftKB, Length:2,650.6ft, Com:Cement with full returns at surface. Lost circulation at 330 bbls of 362 bbls of displacement, regain circulation after DV Tool was opened.</p>	
130	130		
300	300		
1,229	1,214		
3,770	3,520		
3,860	3,602		
3,877	3,617		
4,696	4,359		
5,820	5,398		
6,777	6,349		
7,736	7,307		
8,467	8,038		
8,599	8,171		
8,690	8,262		
8,697	8,268		
8,733	8,305		
9,128	8,699		
9,246	8,817		
9,328	8,899		
9,374	8,945		
9,422	8,993		
9,487	9,058		
9,555	9,126		
9,622	9,193		
9,656	9,227		
9,716	9,287		
9,748	9,319		
9,854	9,425		
9,914	9,485		
10,022	9,593		
10,060	9,631		
10,102	9,673		
10,154	9,725		
10,280	9,850		
10,438	10,008		
10,560	10,130		
10,573	10,143		
10,587	10,157		
10,661	10,231		
10,686	10,256		
10,775	10,345		
10,891	10,461		
10,920	10,490		
10,991	10,561		
11,034	10,604		
11,079	10,648		
11,165	10,734		
11,197	10,766		
11,257	10,826		
11,316	10,885		
11,571	11,139		
11,679	11,247		
11,736	11,304		
11,801	11,369		
11,907	11,475		
12,010	11,578		
12,105	11,673		
12,202	11,770		
12,227	11,795		
12,263	11,831		
12,314			
12,443			
12,486			
12,512			
		Des:Intermediate Casing, OD:7in, Grd:P-110, WT:26.00lbs/ft, Btm (MD):8,694 ftKB	
		Des:Primary Single, Date:5/26/2009, Top (MD):4,696 ftKB, Length:4,013.0ft, Com:Baker Atlas CHL, TOC 4710' MD	
		7/6/2010, 9,126-9,128 ftKB	
		7/6/2010, 9,244-9,246 ftKB	
		7/6/2010, 9,326-9,328 ftKB	
		7/6/2010, 9,372-9,374 ftKB	
		7/6/2010, 9,420-9,422 ftKB	
		7/6/2010, 9,485-9,487 ftKB	
		7/6/2010, 9,553-9,555 ftKB	
		7/6/2010, 9,620-9,622 ftKB	
		7/6/2010, 9,714-9,716 ftKB	
		7/3/2010, 9,746-9,748 ftKB	
		7/3/2010, 9,852-9,854 ftKB	
		7/3/2010, 9,912-9,914 ftKB	
		7/3/2010, 10,020-10,022 ftKB	
		7/3/2010, 10,058-10,060 ftKB	
		7/3/2010, 10,100-10,102 ftKB	
		7/3/2010, 10,152-10,154 ftKB	
		7/2/2010, 10,278-10,280 ftKB	
		7/2/2010, 10,436-10,438 ftKB	
		7/2/2010, 10,558-10,560 ftKB	
		7/2/2010, 10,585-10,587 ftKB	
		7/1/2010, 10,659-10,661 ftKB	
		7/1/2010, 10,684-10,686 ftKB	
		7/1/2010, 10,773-10,775 ftKB	
		7/1/2010, 10,889-10,891 ftKB	
		7/1/2010, 10,918-10,920 ftKB	
		7/1/2010, 10,989-10,991 ftKB	
		7/1/2010, 11,032-11,034 ftKB	
		7/1/2010, 11,077-11,079 ftKB	
		7/1/2010, 11,163-11,165 ftKB	
		6/22/2010, 11,195-11,197 ftKB	
		6/22/2010, 11,255-11,257 ftKB	
		6/22/2010, 11,314-11,316 ftKB	
		6/22/2010, 11,677-11,679 ftKB	
		6/22/2010, 11,734-11,736 ftKB	
		6/22/2010, 11,799-11,801 ftKB	
		6/22/2010, 11,905-11,907 ftKB	
		6/22/2010, 12,008-12,010 ftKB	
		6/22/2010, 12,103-12,105 ftKB	
		6/22/2010, 12,200-12,202 ftKB	
		6/22/2010, 12,225-12,227 ftKB	
		6/22/2010, 12,261-12,263 ftKB	
		6/22/2010, 12,312-12,314 ftKB	
		Des:Production Casing, OD:4 1/2in, Grd:P-110, WT:15.10lbs/ft, Btm (MD):12,486 ftKB	
		Des:Primary Single, Date:6/6/2009, Top (MD):6,471 ftKB, Length:6,027.0ft	
		Des:Plug, Date:6/6/2009, Top (MD):12,443 ftKB, Length:54.8ft	