

**KERR-MCGEE OIL AND GAS ONSHORE LP**

**STATE 3-16**

**SW NW 16 1N 68W 1,437' FNL 1,039' FWL**

**WELD,COLORADO**

**08/06/2014**

**AREA: W3**

**ROUTE: W36 Spud: 12/20/2008**

**WINS No.: 92919**

**AFE/WO#: 88504812**

**API#: 0512329117**

**GL: 5159**

**KB: 5174**

**MTD: 8245**

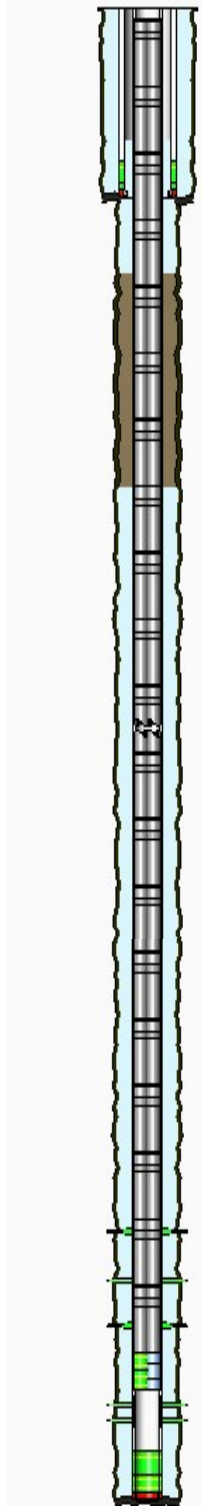
**TVD: 8087**

**LOG MD: 8240**

**PBMD: 8195**

**PBTVD: 8037**

**Directions: WCR 10 & WCR 5; EAST 2/10 MILE; SOUTH 3/10 MILE INTO**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>					
SURFACE	12.25	15	1008	12/21/2008					
PRODUCTION	7.88	1008	8245	12/24/2008					
<u>TUBULARS</u>	<u>Tool Type</u>	<u>Joints</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Top D</u>	<u>Bottom D</u>	
<b>SURFACE CASING</b>									
	Casing	21	8.63	24.00	J-55	ST&C	15	954	
	Baffle	1	8.63				954	954	
	Shoe Joint	1	8.63	24.00	J-55	ST&C	954	999	
	Casing Guide Shoe	1	8.63		J-55		999	1000	
<b>PRODUCTION CASING</b>									
	Casing	187	4.50	11.60	I-80	LT&C	15	8195	
	Latch Down Baffle	1	4.50				8195	8195	
	Shoe Joint	1	4.50	11.60	I-80	LT&C	8195	8223	
	Casing Float Shoe	1	4.50				8223	8225	
<b>PRODUCTION TUBING</b>									
	Tubing	254	2.37	4.70	J-55	External-Ups	16	8030	
	XN Profile Nipple	1	2.38				8030	8031	
	Notched Collar	1	2.38				8031	8031	
<u>CEMENT JOBS</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>				<u>Top D</u>	<u>Btm D</u>	<u>cbl</u>
<b>SURFACE CASING</b>									
	PRIM CMT 1ST STAGE	630	TAIL	TYPE 3			250	1000	No
	TOP OUT JOB	100	TOP OUT	TYPE 3			15	250	No
<b>PRODUCTION CASING</b>									
	PRIM CMT 1ST STAGE	500	LEAD	35/65 POZ-MIX			2900	7300	Yes
	PRIM CMT 1ST STAGE	160	TAIL	50/50 POZ-MIX			7300	8227	Yes
<b>PRODUCTION CASING</b>									
	SQUEEZE JOB	135	LEAD	FRESH WATER			818	1491	Yes
<u>PERFORATIONS</u>									
<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>			
		1490	1491	07/30/2014	CEMENT SQUEEZE				
NIOBRARA	A	7696	7700	01/30/2009	PRODUCTION	NIO A			
NIOBRARA	B	7832	7842	01/30/2009	PRODUCTION	NIO B			
NIOBRARA	C	7947	7953	01/30/2009	PRODUCTION	NIO C			
CODELL		8069	8089	01/27/2009	PRODUCTION				

**Comments:**