

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

**SEC FOUR 14-4**

**NE SW 4 1N 68W 1,705' FSL 1,674' FWL**

**WELD,COLORADO**

**10/28/2013**

**AREA: S3**

**ROUTE: S37**

**Spud: 07/29/2009**

**WINS No.: 94274**

**AFE/WO#: 88414213**

**API#: 0512329457**

**GL: 5046**

**KB: 5061**

**MTD: 8535**

**TVD: 8421**

**LOG MD:**

**PBMD: 8481**

**PBTVD: 8367**

**Directions: WCR 5 & WCR 12; EAST 5/10 MILE, NORTH INTO**

<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE	12.25	15	830	07/29/2009				
PRODUCTION	7.88	830	8535	08/01/2009				
<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>
SURFACE CASING								
	Casing	17	8.63	24.00	J-55	ST&C	15	773
	Baffle	1	8.63		J-55		773	773
	Shoe Joint	1	8.63	24.00	J-55	ST&C	773	818
	Saw Tooth Shoe	1	8.63		J-55		818	819
PRODUCTION CASING								
	Casing	195	4.50	11.60	I-80	8RD LTC	15	8482
	Latch Down Baffle	1	4.50				8482	8482
	Shoe Joint	1	4.50	11.60	I-80	8RD LTC	8482	8516
	Casing Float Shoe	1	4.50				8516	8518
PRODUCTION TUBING								
	Tubing	251	2.38	4.70	J-55	External-Ups	15	7877
	Wellbore Equipment		2.38				7877	7878
	Wellbore Equipment		2.38				7878	7878
PRODUCTION TUBING								
	Tubing	251	2.38				15	7895
	XN Profile Nipple	1					7895	7896
	Notched Collar	1					7896	7896

<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>
SURFACE CASING							
	PRIM CMT 1ST STAGE	360	LEAD	TYPE 3	15	821	No
PRODUCTION CASING							
	PRIM CMT 1ST STAGE	480	LEAD	PREMIUM LITE	3858	7168	Yes
	PRIM CMT 1ST STAGE	280	TAIL	50/50 POZ-MIX	7168	8519	Yes
--None--							
	REMEDIAL CEMENT	525	LEAD	FRESH WATER	100	3225	No

<u>PERFORATIONS</u>							
<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>	
NIOBRARA	A	7567	7569	08/25/2009	PRODUCTION		
NIOBRARA	B	7678	7688	08/25/2009	PRODUCTION		
NIOBRARA	C	7776	7786	08/25/2009	PRODUCTION		
CODELL		7915	7930	08/24/2009	PRODUCTION		

**Comments:**