

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

**STATE 22-16**

**NE SW 16 1N 68W 1,983' FSL 1,886' FWL**

**WELD,COLORADO**

**08/06/2014**

**AREA: W3**

**ROUTE: W36 Spud: 10/13/2008**

**WINS No.: 06993**

**AFE/WO#: 88404784**

**API#: 0512329025**

**GL: 5191**

**KB: 5206**

**MTD: 8210**

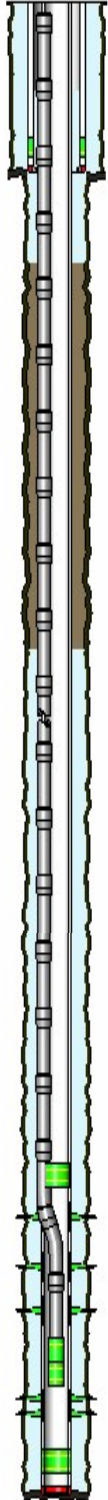
**TVD: 8142**

**LOG MD: 8222**

**PBMD: 8165**

**PBTVD: 8091**

**Directions: WCR5 & WCR10; EAST 2/10 MILE; SOUTH INTO.**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE	12.25	15	905	10/14/2008				
PRODUCTION	7.88	905	8210	10/17/2008				
<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>
SURFACE CASING	Casing	19	8.63	24.00	J-55	ST&C	15	849
	Baffle	1	8.63				849	849
	Casing	1	8.63	24.00	J-55	ST&C	849	893
	Casing Guide Shoe	1	8.63				893	894
PRODUCTION CASING	Casing	195	4.50	11.60	I-80	ST&C	15	8163
	Latch Down Baffle	1	4.50				8163	8163
	Casing	1	4.50	11.60	I-80	ST&C	8163	8192
	Casing Float Shoe	1	4.50				8192	8193
BRIDGE PLUG	Retrievable Bridge F	1	4.00				7519	7525
PRODUCTION TUBING	Tubing	254	2.37	4.70	J-55	External-Ups	16	7983
	XN Profile Nipple	1	2.38				7983	7985
	Notched Collar	1	2.38				7985	7985
<u>CEMENT JOBS</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>					
SURFACE CASING	PRIM CMT 1ST STAGE	560	LEAD	TYPE 3			15	905
								No
PRODUCTION CASING	PRIM CMT 1ST STAGE	460	LEAD	ECONOCEM			4000	7200
	PRIM CMT 1ST STAGE	160	TAIL	FRACCEM			7200	8210
								Yes
PRODUCTION CASING	ONE INCH JOB						540	1500
								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	7629	7635	01/13/2009	PRODUCTION		
	NIOBRARA	B	7773	7783	01/13/2009	PRODUCTION		
	NIOBRARA	C	7883	7891	01/13/2009	PRODUCTION		
	CODELL		8010	8024	01/09/2009	PRODUCTION		

**Comments:**