

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

**MORNING FRESH 11-10**

**NE SW 10 3N 66W -- --**

**WELD,COLORADO**

**04/24/2014**

**AREA: N1**

**ROUTE: N12 Spud: 10/10/2004**

**WINS No.: 76897**

**AFE/WO#: 88493477**

**API#: 0512322163**

**GL: 4875**

**KB: 4887**

**MTD: 7510**

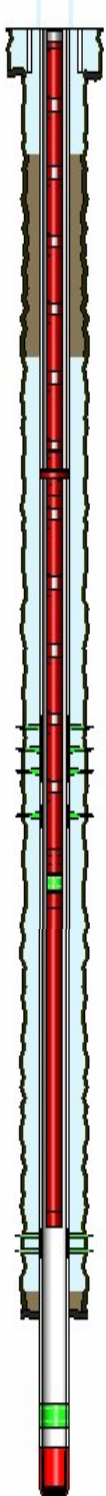
**TVD: 7510**

**LOG MD: 7512**

**PBMD: 7478**

**PBTVD: 7478**

**Directions: CR 34 & CR 31, N 5/10, E 3/10, S 2/10 E INTO.**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE	12.25	12	545	10/10/2004				
PRODUCTION	7.88	546	7510	10/14/2004				
<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	12	8.63	24	J-55	STC	12	537
PRODUCTION CASING	Casing	179	4.50	11.6	I-80	LTC	12	7509
		1	4.50	11.6			7509	7510
	Casing	1	4.50	11.6			7510	7534
	Casing Guide Shoe	1	4.50				7534	7535
PRODUCTION TUBING	Tubing	238	2.38	4.7	J-55	8RD EUE	12	7315
	Seating Nipple	1	2.38		J-55		7315	7316
	Notched Collar	1	2.38		J-55		7316	7317
PRODUCTION TUBING	Wellbore Equipment	128	2.38		J-55		12	3945
	Wellbore Equipment	1	4.50				3945	3951
	Wellbore Equipment	110	2.38		J-55		3951	7331
	Wellbore Equipment	1	2.38		J-55		7331	7332
<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	STAGE 1	375	NEAT	12	537	No		
PRODUCTION CASING	STAGE 1	140	LITE	3902	5080	Yes		
	STAGE 1 MIDDLE	90	LITE	5080	6550	Yes		
	STAGE 1 TAIL	140	50/50 POZ-MIX	6550	7509	Yes		
--None--	SQUEEZE JOB			380	15	Yes		
--None--	SQUEEZE JOB			0	1500	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>	
			1500	1501	04/14/2014	CEMENT SQUEEZE		
	NIOBRARA		7039	7060	10/19/2004	PRODUCTION		
	NIOBRARA	A	7040	7052	02/28/2008	PRODUCTION	24 of 24 shots fired	
	NIOBRARA		7090	7110	10/19/2004	PRODUCTION		
	NIOBRARA	A	7100	7112	02/28/2008	PRODUCTION	24 of 24 shots fired	
	CODELL		7339	7354	10/19/2004	PRODUCTION		

**Comments:**