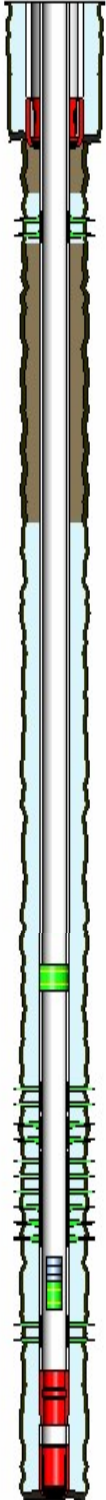


**KERR-MCGEE OIL AND GAS ONSHORE LP**  
**RADEMACHER 32-25**  
**NW SW 25 3N 68W 1,601' FSL 1,233' FWL**  
**WELD,COLORADO**  
**04/01/2014**

AREA: W2      ROUTE: W24    Spud: 02/03/2007    WINS No.: 92261    AFE/WO#: 88488802    API#: 0512323974

GL: 4900    KB: 4912    MTD: 7675    TVD: 7389    LOG MD: 7684    PBMD: 7634    PBTVD: 7348

Directions:    WCR 28 & WCR 13, 7/10 W, 1/2 N INTO



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
DRILL SURFACE HOLE	12.25	12	732	02/03/2007				
DRILL TO PRODUCTION	7.88	723	7675	02/09/2007				
<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	16	8.63	24.00	J-55	STC	12	722
	Casing Shoe	1	8.63		P-110		722	723
PRODUCTION CASING	Casing	184	4.50	11.60	I-80	LTC	12	7634
	Float Collar	1	4.50				7634	7634
	Casing	1	4.50	11.60	I-80	LTC	7634	7666
	Casing Shoe	1	4.50				7666	7668
PRODUCTION TUBING	Tubing	237	2.37	4.70	J-55	8RD EUE	12	7482
	Seating Nipple	1	2.38				7482	7483
	Notched Collar	1	2.38				7483	7483
BRIDGE PLUG	Retrievable Bridge F		4.50				6600	6605
<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>		
PRODUCTION CASING	LEAD	275	CHECK 1 PREM. LIT CEMENT	3700	5150	Yes		
	MIDDLE	135	CHECK 1 PREM LITE CEMENT	5150	6850	Yes		
	TAIL	140	CHECK 1 DJ - 50/50 POZ-MIX	6850	7668	Yes		
SURFACE CASING	PRIMARY	510	DJ - PREMIUM	12	723	No		
PRODUCTION CASING	ABANDONMENT PLUC	130	LEAD FRESH WATER	1050	1201	No		
PRODUCTION CASING	SQUEEZE JOB	15	LEAD FRESH WATER	1200	1200	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>	
			1200	1201	03/21/2014	CEMENT SQUEEZE		
	NIOBRARA	A	7276	7280	11/23/2010	PRODUCTION		
	NIOBRARA	B	7318	7330	11/23/2010	PRODUCTION		
	NIOBRARA	C	7374	7378	11/23/2010	PRODUCTION		
	NIOBRARA	C	7384	7388	11/23/2010	PRODUCTION		
	NIOBRARA	C	7394	7396	11/23/2010	PRODUCTION		
	CODELL		7518	7538	03/20/2007	PRODUCTION	3 SPF	

Comments: