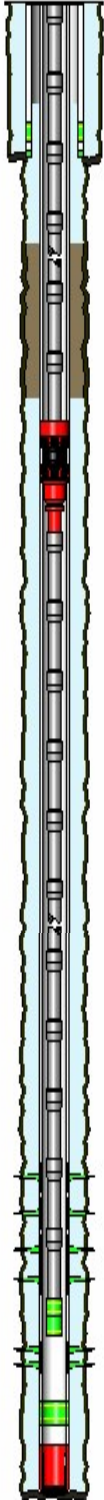


**KERR-MCGEE OIL AND GAS ONSHORE LP**  
**RADEMACHER 37-25**  
**SW SE 25 3N 68W 1,287' FSL 1,528' FEL**  
**WELD,COLORADO**  
**03/25/2014**

AREA: W2      ROUTE: W24 Spud: 08/17/2008      WINS No.: 93289      AFE/WO#: 88486432      API#: 0512327140

GL: 4870    KB: 4890    MTD: 7648    TVD: 7451    LOG MD: 1660    PBMD: 7607    PBTVD: 7434

Directions: WCR 13 & WCR 28; WEST 1/8 MILE; NORTH INTO



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	20	917	08/17/2008
PRODUCTION	7.88	917	7648	08/21/2008

<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	STC	20	862
	Baffle	1	8.63				862	862
	Casing	1	8.63	24.00	J-55	STC	862	906
	Saw Tooth Shoe	1	8.63				906	907
PRODUCTION CASING	Casing	181	4.50	11.60	I-80	LTC	20	7607
	Latch Down Baffle	1	4.50				7607	7607
	Casing	1	4.50	11.60	I-80	LTC	7607	7635
	Casing Float Shoe	1	4.50				7635	7637
PRODUCTION TUBING	Tubing	88	2.38	4.70	J-55	External-Ups	15	2784
	Packer	1	4.50				2784	2791
	Tubing	149	2.38	4.70	J-55	External-Ups	2791	7438
	XN Profile Nipple	1	2.38				7438	7439
	Notched Collar	1	2.38				7439	7439

<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	400	LEAD	SWIFT CEMENT SYSTEM	20	917	No
PRODUCTION CASING	PRIM CMT 1ST STAGE	541	LEAD	HALLIBURTON LITE	3506	6865	Yes
	PRIM CMT 1ST STAGE	136	TAIL	50/50 POZ-MIX	6865	7647	Yes
PRODUCTION CASING	SQUEEZE JOB	135	LEAD	FRESH WATER	727	1526	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>	
		1520	1521	03/10/2014	CEMENT SQUEEZE		
NIORARA	A	7284	7288	09/17/2008	PRODUCTION		
NIORARA	B	7337	7347	09/17/2008	PRODUCTION		
NIORARA	C	7400	7405	09/17/2008	PRODUCTION		
NIORARA	C	7412	7417	09/17/2008	PRODUCTION		
CODELL		7468	7483	09/15/2008	PRODUCTION		

Comments: