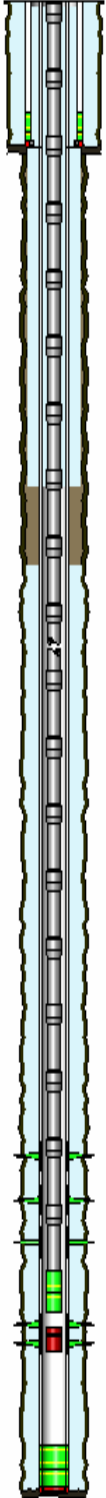


**KERR-MCGEE OIL AND GAS ONSHORE LP**  
**SEC FOUR 13-4**  
**NE SW 4 1N 68W 1,718' FSL 1,631' FWL**  
**WELD,COLORADO**  
**10/18/2013**

AREA: S3      ROUTE: S37    Spud: 07/17/2009    WINS No.: 94273    AFE/WO#: 88413137    API#: 0512329458

GL: 5046    KB: 5061    MTD: 8585    TVD: 8379    LOG MD:    PBMD: 8535    PBTVD: 8329

Directions: **WCR 12 & WCR 5, E 5/10, N INTO**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE	12.25	15	830	07/17/2009				
PRODUCTION	7.88	830	8585	07/20/2009				
<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>
<b>SURFACE CASING</b>								
	Casing	17	8.63	24.00	J-55	STC	15	772
	Baffle	1	8.63				772	772
	Shoe Joint	1	8.63	24.00	J-55	STC	772	816
	Casing Guide Shoe	1	8.63				816	817
<b>PRODUCTION CASING</b>								
	Casing	196	4.50	11.60	I-80	LTC	15	8535
	Latch Down Baffle	1	4.50				8535	8535
	Shoe Joint	1	4.50	11.60	I-80	LTC	8535	8569
	Casing Float Shoe	1	4.50				8569	8571
<b>PRODUCTION TUBING</b>								
	Tubing	252	2.38	4.70	J-55	External-Ups	15	8013
	Wellbore Equipment		2.38				8013	8014
	Wellbore Equipment		2.38				8014	8015
<b>PRODUCTION TUBING</b>								
	Tubing	252	2.38				15	7979
	XN Profile Nipple	1					7979	7980
	Notched Collar	1					7980	7981
<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>	
<b>SURFACE CASING</b>								
	PRIM CMT 1ST STAGE	510	LEAD	PREMIUM LITE	15	820	No	
<b>PRODUCTION CASING</b>								
	PRIM CMT 1ST STAGE	540	LEAD	PREMIUM LITE	3762	7290	Yes	
	PRIM CMT 1ST STAGE	230	TAIL	50/50 POZ-MIX	7290	8585	Yes	
<b>--None--</b>								
	REMEDIAL CEMENT	597	LEAD	FRESH WATER	50	3150	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	7661	7663	08/18/2009	PRODUCTION		
	NIOBRARA	B	7770	7780	08/18/2009	PRODUCTION		
	NIOBRARA	C	7868	7878	08/18/2009	PRODUCTION		
	CODELL		8002	8020	08/18/2009	PRODUCTION		

Comments: