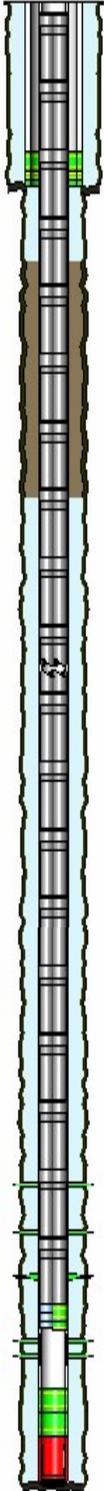


KERR-MCGEE OIL AND GAS ONSHORE LP
STATE 4-16
SW NW 16 1N 68W 1,423' FNL 1,046' FWL
WELD,COLORADO
08/15/2014

AREA: W3 ROUTE: W36 Spud: 12/25/2008 WINS No.: 92922 AFE/WO#: 88504839 API#: 0512329118

GL: 5159 KB: 5174 MTD: 8160 TVD: 8085 LOG MD: 8162 PBMD: 8118 PBTVD: 8043

Directions: **WCR 10 & WCR 5; EAST 2/10 MILE; SOUTH 3/10 MILE INTO**



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE		12.25	15	1005	12/25/2008				
PRODUCTION		7.88	1005	8160	12/28/2008				
<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	21	8.63	24.00	J-55	ST&C	15	949	
	Baffle	1	8.63		J-55		949	950	
	Shoe Joint	1	8.63	24.00	J-55	ST&C	950	994	
	Saw Tooth Shoe	1	8.63		J-55		994	995	
PRODUCTION CASING									
	Casing	186	4.50	11.60	I-80	LT&C	15	8118	
	Latch Down Baffle	1	4.50				8118	8118	
	Shoe Joint	1	4.50	11.60	I-80	LT&C	8118	8146	
	Casing Float Shoe	1	4.50		I-80		8146	8148	
PRODUCTION TUBING									
	Tubing	255	2.37	4.70	J-55	External-Ups	16	7961	
	XN Profile Nipple	1	2.38				7961	7962	
	Notched Collar	1	2.38				7962	7963	
<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	730	LEAD	TYPE 3		15	997	No	
PRODUCTION CASING									
	PRIM CMT 1ST STAGE	470	LEAD	35/65 POZ-MIX		3090	7200	Yes	
	PRIM CMT 1ST STAGE	160	TAIL	50/50 POZ-MIX		7200	8148	Yes	
PRODUCTION CASING									
	SQUEEZE JOB	130	LEAD	FRESH WATER		1000	1491	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>			
		1490	1491	08/05/2014	CEMENT SQUEEZE				
NIOBRARA	A	7619	7623	02/06/2009	PRODUCTION	NIOBRARA A			
NIOBRARA	B	7752	7763	02/06/2009	PRODUCTION	NIOBRARA B			
NIOBRARA	C	7865	7870	02/06/2009	PRODUCTION	NIOBRARA C			
CODELL		7990	8004	01/26/2009	PRODUCTION				

Comments: