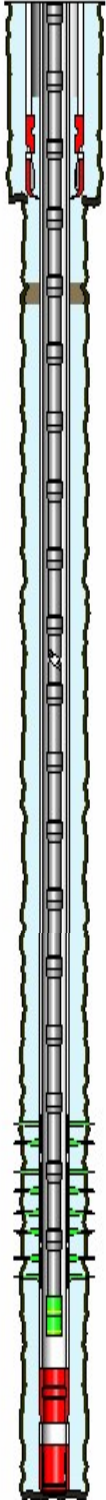


KERR-MCGEE OIL AND GAS ONSHORE LP
SAWDEY 32-30
SE NW 30 2N 68W 1,515' FNL 1,452' FWL
WELD,COLORADO
11/14/2014

AREA: W2 **ROUTE: W25** **Spud: 08/10/2009** **WINS No.: C2537** **AFE/WO#: 88628821** **API#: 0512330356**

GL: 4993 **KB: 5008** **MTD: 8060** **TVD: 7762** **LOG MD:** **PBMD: 8008** **PBTVD: 7710**

Directions: **WCR 16-1/2 & WCR 1, N 2/10, E 2/10 INTO**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	15	900	08/10/2009
PRODUCTION	7.88	900	8060	08/13/2009

<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>
SURFACE CASING	Casing	19	8.63	24.00	J-55	ST&C	15	839
	Casing Float Collar	1	8.63		J-55		839	839
	Casing	1	8.63	24.00	J-55	ST&C	839	884
	Casing Guide Shoe	1	8.63		J-55		884	885
PRODUCTION CASING	Casing	185	4.50	11.60	I-80	8RD LTC	15	8008
	Casing Float Collar	1	4.50				8008	8008
	Casing	1	4.50	11.60	I-80	8RD LTC	8008	8042
	Casing Float Shoe	1	4.50				8042	8044
PRODUCTION TUBING	Tubing	248	2.37	4.70	J-55	External-Ups	15	7830
	XN Profile Nipple	1	2.38				7830	7831
	Notched Collar	1	2.38				7831	7831

<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	375	LEAD TYPE 3	15	885	No
PRODUCTION CASING	PRIM CMT 1ST STAGE	736	LEAD PREMIUM LITE	1658	7150	Yes
	PRIM CMT 1ST STAGE	157	TAIL 50/50 POZ-MIX	7150	8046	Yes
PRODUCTION CASING	ONE INCH JOB	150	LEAD FRESH WATER	705	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>
	NIOBRARA	A	7562	7566	10/01/2009	PRODUCTION	
	NIOBRARA	B	7639	7651	10/01/2009	PRODUCTION	
	NIOBRARA	C	7747	7753	10/01/2009	PRODUCTION	
	CODELL		7865	7885	09/11/2009	PRODUCTION	

Comments: