

**KERR-MCGEE OIL AND GAS ONSHORE LP**

**FRANK 14-31**

**SE SW 31 4N 67W 643' FSL 2,046' FWL**

**WELD,COLORADO**

**01/18/2015**

**AREA: N3**

**ROUTE: N34 Spud: 12/23/2006**

**WINS No.: 92289**

**AFE/WO#: 88599907**

**API#: 0512327400**

**GL: 4930**

**KB: 4942**

**MTD: 7430**

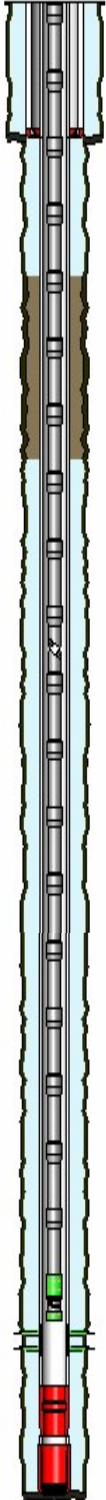
**TVD: 7428**

**LOG MD:**

**PBMD: 7404**

**PBTVD: 7404**

**Directions: WCR 13 & WCR 38,1/4 EAST,NORTH INTO**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	12	782	12/24/2006
PRODUCTION	7.88	782	7430	12/28/2006

<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	18	8.63	24.00	J-55	STC	12	770
	Casing Guide Shoe		8.63				770	771
PRODUCTION (LONG STRING) CASING	Casing	178	4.50	11.60	I-80	LT&C	12	7403
	Float Collar	1	4.50				7403	7404
	Casing	1	4.50	11.60	I-80	LT&C	7404	7418
	Casing Shoe	1	5.00				7418	7420
PRODUCTION TUBING	Tubing	230	2.38	4.70	J-55	8RD EUE	12	7203
	XN Profile Nipple	1					7203	7204
	Tubing	1	2.38	4.70	J-55	8RD EUE	7204	7236
	Notched Collar	1			J-55		7236	7236

<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	PRIMARY	540	NATIVE MDJ - NEAT	12	771	No
PRODUCTION (LONG STRING) CASING	LEAD	450	DJ - 35/65 POZ-MIX	2590	4700	Yes
	MIDDLE	135	DJ - 35/65 POZ-MIX	4700	6214	Yes
	TAIL	215	DJ - 50/50 POZ-MIX	6214	7420	Yes
SURFACE CASING	ONE INCH JOB	270	LEAD FRESH WATER	358	1550	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>
	CODELL		7256	7276	01/17/2007	PRODUCTION	all shots fired

**Comments:**