

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

**MILLER FEDERAL 5-31**

**SW NW 31 3N 66W -- --**

**WELD,COLORADO**

**11/18/2013**

**AREA: S1**

**ROUTE: S16**

**Spud: 11/21/2003**

**WINS No.: 74029**

**AFE/WO#: 2088570**

**API#: 0512321742**

**GL: 4830**

**KB: 4842**

**MTD: 7912**

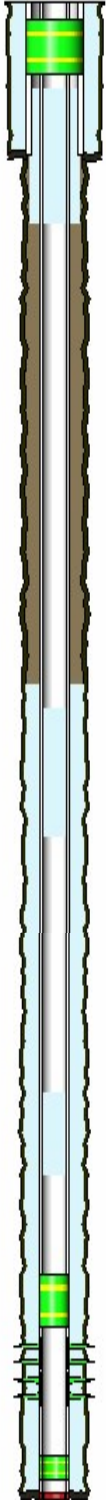
**TVD: 7912**

**LOG MD: 7922**

**PBMD: 7890**

**PBTVD: 7890**

**Directions: HWY 85 & WCR 28, WEST 1/10 MI, SOUTH 1/2 MI, WEST 1/2 MI, NORTH INTO**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	12	625	11/22/2003
PRODUCTION	7.88	625	7912	11/29/2003

<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	14	8.63	24	J-55	STC	12	619
PRODUCTION CASING	Casing	190	4.50	11.6	I-80	LTC	12	7890
		1	4.50				7890	7891
	Casing	1	4.50	11.6	I-80	LTC	7891	7917
	Casing Guide Shoe	1	4.50				7917	7918
BRIDGE PLUG	CIBP With CMT Cap	1	4.50				7698	7702
BRIDGE PLUG	Cast Iron Bridge Plu	1	8.63				100	104

<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	STAGE 1	485	NEAT	12	619	No
PRODUCTION CASING	STAGE 1	110	LITE	3970	7918	Yes
	STAGE 1	205	50/50 POZ-MIX	3970	7918	Yes
	STAGE 1	110	LITE	3970	7918	Yes
PRODUCTION CASING	ABANDONMENT PLUC	30	LEAD FRESH WATER	6554	7070	No
PRODUCTION CASING	ABANDONMENT PLUC	65	LEAD FRESH WATER	4120	4932	No
SURFACE CASING	ABANDONMENT PLUC	240	LEAD FRESH WATER	200	1050	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>
	J SAND		7758	7770	12/05/2003	PRODUCTION	
	J SAND		7760	7770	03/06/2006	PRODUCTION	
	J SAND		7782	7810	12/05/2003	PRODUCTION	
	J SAND		7784	7794	03/06/2006	PRODUCTION	

**Comments:**