

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

**RUTH CAMP 15-31**

**SW SE 31 3N 65W 661' FSL 1,986' FEL**

**WELD,COLORADO**

**02/20/2014**

**AREA: E1**

**ROUTE: E1H Spud: 06/21/1994**

**WINS No.: 76930**

**AFE/WO#: 2094536**

**API#: 0512318282**

**GL: 4940**

**KB: 4950**

**MTD: 7458**

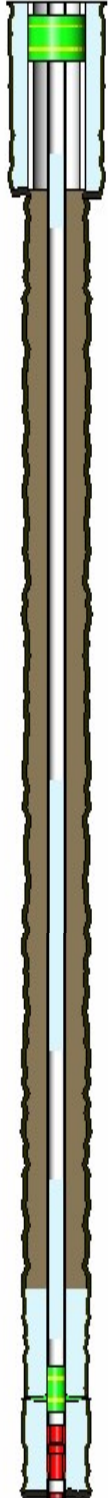
**TVD: 7458**

**LOG MD: 7477**

**PBMD: 7405**

**PBTVD: 7405**

**Directions: WCR 28 & WCR 39, N 1/8, S 1/2, SW INTO**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	10	761	06/22/1994
PRODUCTION	7.88	761	7458	06/25/1994

<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	17	8.63	24.00			10	743
PRODUCTION CASING	Casing	224	2.88	6.50	J-55	8RD EUE	10	7433
	Float Collar	1	2.88				7433	7434
	Casing	1	2.88	6.50	J-55	8RD EUE	7434	7465
	Casing Shoe	1	2.88				7465	7466
SAND PLUG	Sand Plug		2.88				6900	7370
BRIDGE PLUG	Cast Iron Bridge Plu		8.63				65	67

<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	520	LEAD NEAT	10	743	No
PRODUCTION CASING	STAGE 1	175	LEAD PREMIUM	6500	7466	Yes
PRODUCTION CASING	ABANDONMENT PLUC	20	LEAD FRESH WATER	5920	6760	No
PRODUCTION CASING	ABANDONMENT PLUC	410	LEAD FRESH WATER	3835	5250	No
PRODUCTION CASING	ABANDONMENT PLUC	85	LEAD FRESH WATER	550	940	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	B	7130	7133	07/05/1994	PROD-SI BEHIND PLUG	
	CODELL		7323	7327	07/07/1994	PROD-SI BEHIND PLUG	
	CODELL		7324	7326	07/05/1994	PROD-SI BEHIND PLUG	
	CODELL		7327	7328	07/05/1994	PROD-SI BEHIND PLUG	

**Comments:**