

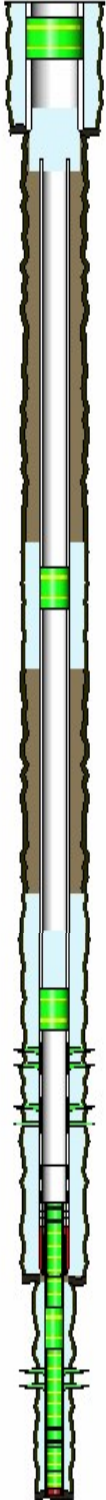
**KERR-MCGEE OIL AND GAS ONSHORE LP**

**FRED MAYER 3-15A  
NE NW 15 3N 67W -- --  
WELD,COLORADO  
04/02/2015**

**AREA: N2      ROUTE: N21    Spud: 01/28/1994    WINS No.: 74109    AFE/WO#: 2107907    API#: 0512317926**

**GL: 4794    KB: 4804    MTD: 7840    TVD: 7840    LOG MD: 7834    PBMD: 7820    PBTVD: 7820**

**Directions:    WCR 19-1/2 & WCR 34, SOUTH 1/10 MILE, WEST 1/10 MILE, NORTH 1/10 MILE INTO LOCATION.**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE	12.25	10	635	01/28/1994			
PRODUCTION	7.88	635	7262	02/01/1994			
DEEPENED	3.88	7262	7840	01/30/2002			

<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	IPSCO		10	626
DEEPENED LINER	Liner Hanger	1	4.50		WTHRFRD		7169	7173
	Liner	21	2.88	6.5	N-80	8RD EUE	7173	7820
	Latch Collar	1	2.88				7820	7821
	Liner	1	2.88	6.5	N-80	8RD EUE	7821	7828
	Casing Guide Shoe	1	2.88				7828	7829
BRIDGE PLUG	Cast Iron Bridge Plu	1	2.88				7470	7471
BRIDGE PLUG	Cast Iron Bridge Plu	1	4.50				6820	6822
CAST IRON CEMENT RETAINER	Cement Retainer	1	4.50				3934	3936
PRODUCTION CASING	Casing	144	4.50	11.60	N-80	LTC	850	7215
	Casing	1	4.50				7215	7217
	Casing	1	4.50	11.60	N-80	LTC	7217	7239
	Casing Guide Shoe	1	4.50		J-55		7239	7240
BRIDGE PLUG	Cast Iron Bridge Plu	1	8.63				80	83

<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	440	NEAT	10	626	No
PRODUCTION CASING	STAGE 1	200	PREMIUM	6106	7240	Yes
DEEPENED LINER	STAGE 1	21	LIQUID STONE	7280	7829	Yes
PRODUCTION CASING	ABANDONMENT PLUC	25	LEAD FRESH WATER	6385	6820	No
PRODUCTION CASING	SQUEEZE JOB	270	LEAD FRESH WATER	3750	4400	No
--None--	ABANDONMENT PLUC	180	LEAD FRESH WATER	464	942	No

<u>PERFORATIONS</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>
NIORARA		6913	6915	02/18/1994	PRODUCTION	
CODELL		7109	7119	11/10/1997	PRODUCTION	
CODELL		7110	7115	02/18/1994	PRODUCTION	
J SAND		7548	7584	02/07/2002	PRODUCTION	

Comments: