

KERR-MCGEE OIL AND GAS ONSHORE LP

PIONEER 9-12

SE SE 12 2N 65W 1,094' FSL 1,018' FEL

WELD,COLORADO

02/18/2014

AREA: E2

ROUTE: E24

Spud: 05/16/2009

WINS No.: 03431

AFE/WO#: 88478308

API#: 0512328185

GL: 4888

KB: 4905

MTD: 7850

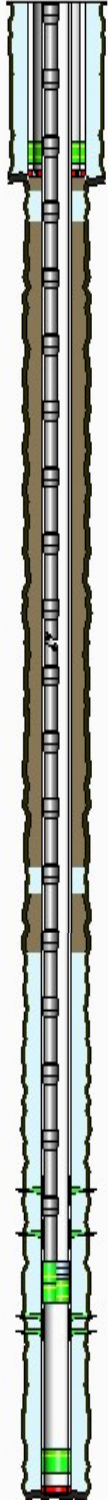
TVD: 7747

LOG MD: 7854

PBMD: 7798

PBTVD: 7695

Directions: WCR 22 & WCR 49; W 2/10; N 2/10 INTO



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE		12.25	17	922	05/16/2009			
PRODUCTION		7.88	922	7850	05/19/2009			
<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	STC	17	865
	Baffle	1	8.63				865	865
	Casing	1	8.63	24.00	J-55	STC	865	909
	Casing Guide Shoe	1	8.63				909	910
PRODUCTION CASING	Casing	186	4.50	11.60	I-80	8RD LTC	17	7798
	Latch Down Baffle	1	4.50				7798	7798
	Casing	1	4.50	11.60	I-80	8RD LTC	7798	7832
	Casing Float Shoe	1	4.50				7832	7834
PRODUCTION TUBING	Tubing	232	2.38	4.70	J-55	External-Ups	17	7197
	XN Profile Nipple	1					7197	7198
	Notched Collar	1					7198	7199
<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	570	LEAD	PREMIUM NEAT	17	922	No	
PRODUCTION CASING	PRIM CMT 1ST STAGE	405	LEAD	ECONCEM	5635	6563	Yes	
	PRIM CMT 1ST STAGE	190	TAIL	FRACCEM	6563	7854	Yes	
PRODUCTION CASING	SQUEEZE JOB	270	LEAD	FRESH WATER	5119	5271	Yes	
PRODUCTION CASING	SQUEEZE JOB	50	LEAD	FRESH WATER	990	1180	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>		
		990	991	02/06/2014	CHEMICAL INJECTION			
		1180	1180	02/06/2014	CHEMICAL INJECTION			
		5270	5271	02/04/2014	CEMENT SQUEEZE	ALL SHOTS FIRED		
NIOBRARA	B	7000	7014	07/01/2009	PRODUCTION			
NIOBRARA	C	7106	7112	07/01/2009	PRODUCTION			
CODELL		7231	7250	06/30/2009	PRODUCTION			

Comments: