

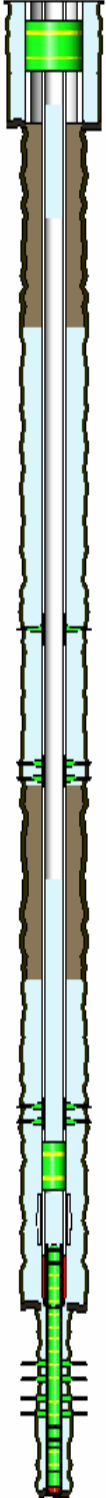
KERR-MCGEE OIL AND GAS ONSHORE LP

**BIRKLE 24-15L
SW SE 24 3N 67W -- --
WELD,COLORADO
11/14/2013**

AREA: S1 ROUTE: S14 Spud: 12/30/1993 WINS No.: 75005 AFE/WO#: 88415737 API#: 0512317840

GL: 4796 KB: 4807 MTD: 7909 TVD: 7909 LOG MD: 7909 PBMD: 7876 PBTVD: 7876

Directions: HWY 66 & WCR 30-1/2, W 1/4, S INTO



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE		12.25	11	519	12/30/1993			
PRODUCTION		7.88	512	7470	01/04/1994			
DEEPENED		3.13	7470	7909	12/01/2000			

<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	12	8.63	23	M-50		11	512
PRODUCTION CASING								
	Casing	181	3.50	7.7	B-70	10 RD IJ	11	7469
	Casing Float Shoe	1	3.50				7469	7470
DEEPENED LINER								
	Liner Hanger	1			ARROW		7409	7414
	Liner	15	2.38	4.70	N-80	8RD	7414	7876
	Insert Float	1	2.38				7876	7878
	Liner	1	2.38	4.70	N-80	8RD	7878	7907
	Casing Guide Shoe	1	2.38				7907	7908
BRIDGE PLUG								
	Cast Iron Bridge Plu		3.50				7390	7392
BRIDGE PLUG								
	Cast Iron Bridge Plu		8.63				110	112

<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	340	STANDARD	11	512	No
PRODUCTION CASING						
	STAGE 1	200	PREMIUM	6398	7470	Yes
DEEPENED LINER						
	STAGE 1	50	G	7409	7908	Yes
PRODUCTION CASING						
	ABANDONMENT PLUC	40	LEAD FRESH WATER	5660	7380	No
PRODUCTION CASING						
	ABANDONMENT PLUC	470	LEAD FRESH WATER	2020	4971	No
PRODUCTION CASING						
	ABANDONMENT PLUC	290	LEAD FRESH WATER	360	1210	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>
		4140	4142	10/16/2013	CEMENT SQUEEZE	
		4970	4971	10/16/2013	CEMENT SQUEEZE	
CODELL		7287	7297	01/18/1994	PRODUCTION	2 SPF
J SAND		7724	7740	12/09/2000	PRODUCTION	3 SPF
J SAND		7760	7777	12/09/2000	PRODUCTION	2 SPF

Comments: