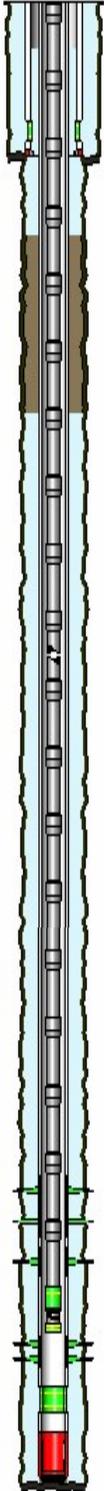


KERR-MCGEE OIL AND GAS ONSHORE LP
COPPER 31-15
NW NW 15 2N 68W 509' FNL 746' FWL
WELD,COLORADO
10/14/2014

AREA: W2 ROUTE: W26 Spud: 06/07/2008 WINS No.: 93236 AFE/WO#: 88627991 API#: 0512325748

GL: 4860 KB: 4874 MTD: 7706 TVD: 7576 LOG MD: PBMD: 7651 PBTVD: 7500

Directions: **WCR 7 & HWY 119; SOUTH 3/4 MILE; EAST INTO**



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE		12.25	14	825	06/08/2008				
PRODUCTION		7.88	825	7706	06/12/2008				
<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	J-55	LTC	14	767	
	Baffle	1	8.00				767	767	
	Casing	1	8.63	24.00	J-55	LTC	767	811	
	Casing Guide Shoe	1	8.63		P-110		811	813	
PRODUCTION CASING									
	Casing	174	4.50	11.60	I-80	LTC	14	7651	
	Latch Down Baffle	1	4.00				7651	7651	
	Casing	1	4.50	11.60	I-80	LTC	7651	7666	
	Casing Float Shoe	1	4.50		P-110		7666	7668	
PRODUCTION TUBING									
	Tubing	239	2.38	4.70	J-55	8RD EUE	14	7495	
	XN Profile Nipple	1					7495	7496	
	Tubing	1	2.38	4.70	J-55	8RD EUE	7496	7528	
	Notched Collar	1			J-55		7528	7528	
<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	480	LEAD	TYPE 3		14	817	No	
PRODUCTION CASING									
	PRIM CMT 1ST STAGE	531	LEAD	Haliburton Light standard		3425	6870	Yes	
	PRIM CMT 1ST STAGE	142	TAIL	FracCem.		6870	7670	Yes	
PRODUCTION CASING									
	ONE INCH JOB					308	1318	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	A	7316	7320	07/10/2008	PRODUCTION				
NIOBRARA	B	7335	7345	07/10/2008	PRODUCTION				
NIOBRARA	C	7416	7422	07/10/2008	PRODUCTION				
CODELL		7546	7566	07/02/2008	PRODUCTION				

Comments: