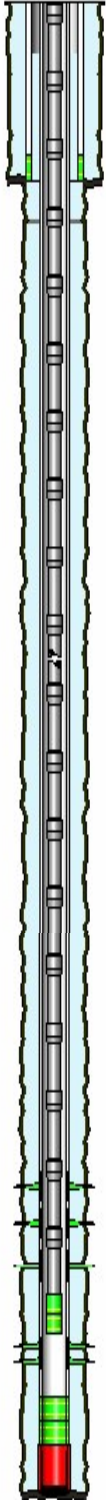


KERR-MCGEE OIL AND GAS ONSHORE LP
P VILLE 31-7
SW NW 7 3N 66W 1,507' FNL 1,352' FWL
WELD,COLORADO
11/19/2013

AREA: N3 ROUTE: N33 Spud: 01/07/2010 WINS No.: 11891 AFE/WO#: 88430717 API#: 0512330770

GL: 4790 KB: 4805 MTD: 7645 TVD: 7463 LOG MD: 7638 PBMD: 7617 PBTVD: 7434

Directions: CR36 & CR25 E.2/10 S.3/10 E.50FT INTO.



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	15	960	01/08/2010
PRODUCTION	7.88	960	7645	01/12/2010

<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	21	8.63	24.00	J-55	STC	15	950
	Saw Tooth Shoe	1	8.63		J-55		950	951
PRODUCTION CASING	Casing	174	4.50	11.60	I-80	8RD LTC	15	7617
	Latch Down Baffle	1	4.50		I-80		7617	7617
	Shoe Joint	1	4.50	11.60	I-80	8RD LTC	7617	7635
	Casing Float Shoe	1	5.00		I-80		7635	7637
PRODUCTION TUBING	Tubing	237	2.37	4.70	J-55	8RD EUE	15	7452
	XN Profile Nipple	1	2.38				7452	7453
	Notched Collar	1	2.38				7453	7453

<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	600	LEAD	TYPE 3	15	953	No
PRODUCTION CASING	PRIM CMT 1ST STAGE	735	LEAD	ECONOCCEM	847	6783	Yes
	PRIM CMT 1ST STAGE	151	TAIL	FRACCCEM	7645	6783	Yes
PRODUCTION CASING	ONE INCH JOB	140	LEAD	FRESH WATER	338	1200	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>	
NIOBRARA	A	7203	7209	02/05/2010	PRODUCTION		
NIOBRARA	B	7259	7267	02/05/2010	PRODUCTION		
NIOBRARA	C	7352	7362	02/05/2010	PRODUCTION		
CODELL		7480	7500	02/03/2010	PRODUCTION		

Comments: