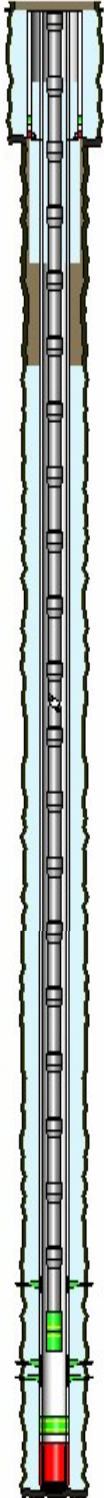


KERR-MCGEE OIL AND GAS ONSHORE LP
WILLIAMS 25-20
NW SE 20 2N 68W 1,558' FSL 1,497' FEL
WELD,COLORADO
12/28/2014

AREA: W2 ROUTE: W25 Spud: 05/27/2009 WINS No.: 00325 AFE/WO#: 88630329 API#: 0512328052

GL: 4901 KB: 4916 MTD: 3014 TVD: 2760 LOG MD: PBMD: 7899 PBTVD: 7645

Directions: CR 18 & CR 5, S 2/10, W 5/10, N INTO.



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE		12.25	0	788	05/27/2009			
PRODUCTION		7.88	788	7930	05/30/2009			
<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	16	8.63	24.00	J-55	STC	15 728
		Baffle	1	8.63				728 728
		Casing	1	8.63	24.00	J-55	STC	728 773
		Casing Guide Shoe	1	8.63				773 774
PRODUCTION CASING		Casing	188	4.50	11.60	I-80	LTC	15 7899
		Latch Down Baffle	1	4.50				7899 7899
		Casing	1	4.50	11.60	I-80	LTC	7899 7913
		Casing Float Shoe	1	4.50				7913 7915
PRODUCTION TUBING		Tubing	245	2.38	4.70	J-55	8RD EUE	15 7709
		XN Profile Nipple	1	2.38				7709 7710
		Notched Collar	1	2.38				7710 7711
<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	550	LEAD	TYPE 3	15	775	No
PRODUCTION CASING		PRIM CMT 1ST STAGE	835	LEAD	ECONOCM	2118	7100	Yes
		PRIM CMT 1ST STAGE	135	TAIL	FRACCHEM	7100	7916	Yes
SURFACE CASING						500	1500	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	7501	7504	08/27/2009	PRODUCTION	
		NIOBRARA	B	7573	7585	08/27/2009	PRODUCTION	
		CODELL		7738	7758	08/26/2009	PRODUCTION	

Comments: