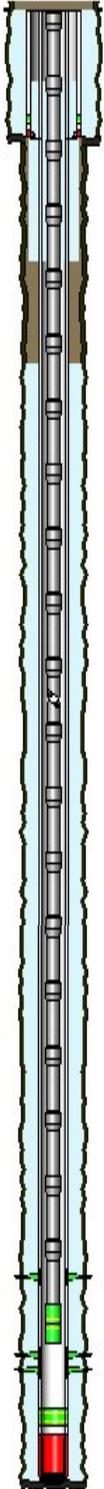


KERR-MCGEE OIL AND GAS ONSHORE LP
WILLIAMS 25-20
NW SE 20 2N 68W 1,558' FSL 1,497' FEL
WELD,COLORADO
12/28/2014

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	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	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	ECONOCEM		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: