

KERR-MCGEE OIL AND GAS ONSHORE LP

WILLIAMS 8-20

NW SE 20 2N 68W 1,618' FSL 1,497' FEL

WELD,COLORADO

10/28/2013

AREA: S2

ROUTE: S22 Spud: 05/06/2009

WINS No.: 00320

AFE/WO#: 88413863

API#: 0512328046

GL: 4901

KB: 4916

MTD: 8520

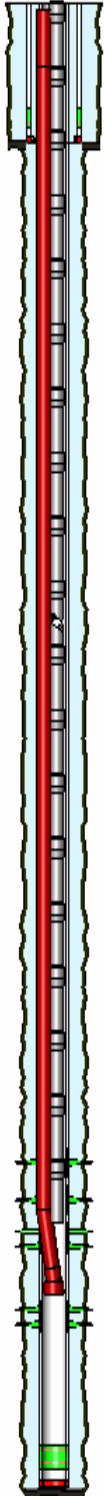
TVD: 8105

LOG MD: 8497

PBMD: 8457

PBTVD: 8042

Directions: WCR 20 & WCR 7, W 2/10, SW 3/4 & NW INTO



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE	12.25	15	787	05/07/2009				
PRODUCTION	7.88	787	8520	05/10/2009				
<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	726
	Baffle	1	8.63				726	726
	Casing	1	8.63	24.00	J-55	STC	726	770
	Casing Guide Shoe	1	8.63				770	771
PRODUCTION CASING	Casing	195	4.50	11.60	I-80	LTC	15	8457
	Latch Down Baffle	1	4.50				8457	8457
	Casing	1	4.50	11.60	I-80	LTC	8457	8471
	Casing Float Shoe	1	4.50				8471	8472
PRODUCTION TUBING	Tubing	247	2.38		J-55		0	7765
PRODUCTION TUBING	Wellbore Equipment	250	2.38		J-55		15	7873
	Wellbore Equipment	1	2.38				7873	7874
	Wellbore Equipment	1	3.09				7874	7875
<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	520	LEAD	TYPE 3		15	773	No
PRODUCTION CASING	PRIM CMT 1ST STAGE	520	LEAD	ECONOCM		3650	7200	Yes
	PRIM CMT 1ST STAGE	235	TAIL	FRACCHEM		7200	8474	Yes
PRODUCTION CASING	ONE INCH JOB					2	3670	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	7619	7623	09/14/2009	PRODUCTION			
NIOBRARA	B	7689	7701	09/14/2009	PRODUCTION			
NIOBRARA	C	7788	7792	09/14/2009	PRODUCTION			
CODELL		7908	7923	09/11/2009	PRODUCTION			

Comments: