

KERR-MCGEE OIL AND GAS ONSHORE LP

WILLIAMS 14-20

NE NW 20 2N 68W 683' FNL 1,950' FWL

WELD,COLORADO

10/18/2013

AREA: S2

ROUTE: S21

Spud: 03/28/2009

WINS No.: 00730

AFE/WO#: 88416645

API#: 0512328068

GL: 4910

KB: 4924

MTD: 7905

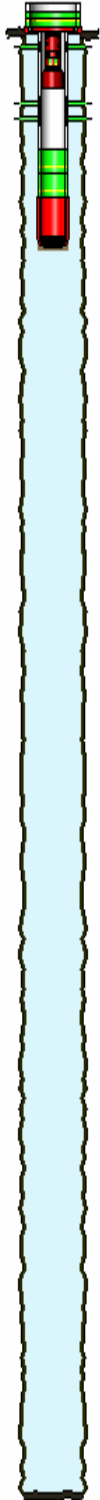
TVD: 7678

LOG MD: 7910

PBMD: 7866

PBTVD: 7639

Directions: WCR 3-1/4 & 16-1/2; W 1/4; NE INTO



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE	12.25	14	785	03/28/2009				
PRODUCTION	7.88	785	7905	03/31/2009				
<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	17	8.63	24.00	J-55	STC	14	737
	Baffle	1	8.63				737	737
	Shoe Joint	1	8.63	24.00	J-55	STC	737	774
	Casing Guide Shoe	1	9.00				774	775
PRODUCTION CASING								
	Casing	189	4.50	11.60	I-80	LTC	14	7866
	Latch Down Baffle	1	4.50				7866	7866
	Shoe Joint	1	4.50	11.60	I-80	LTC	7866	7894
	Casing Float Shoe	1	5.00				7894	7896
PRODUCTION TUBING								
	Tubing	244	2.38	4.70	J-55	8RD EUE	14	7705
	Seating Nipple	1	2.38				7705	7706
	Notched Collar	1	2.38				7706	7707
PRODUCTION TUBING								
	Wellbore Equipment	244	2.38		J-55		14	7707
	Wellbore Equipment	1	2.38		N-80		7707	7708
	Wellbore Equipment	1	3.08		J55		7708	7709
<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	490	LEAD	TYPE 3		14	785	No
PRODUCTION CASING								
	PRIM CMT 1ST STAGE	520	LEAD	PREMIUM LITE		3590	7050	Yes
	PRIM CMT 1ST STAGE	130	TAIL	50/50 POZ-MIX		7050	7910	Yes
PRODUCTION CASING								
	ONE INCH JOB					28	3020	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>		
SUSSEX		4584	4610	10/01/2009	PRODUCTION			
SHANNON		5000	5020	09/30/2009	PRODUCTION			
NIOBRARA	A	7454	7458	06/26/2009	PRODUCTION			
NIOBRARA	B	7528	7538	06/26/2009	PRODUCTION			
NIOBRARA	C	7612	7622	06/26/2009	PRODUCTION			
CODELL		7745	7765	06/25/2009	PRODUCTION			

Comments: