

KERR-MCGEE OIL AND GAS ONSHORE LP

GRAZNAK 32-11

NW SW 11 3N 66W 1,871' FSL 741' FWL

WELD,COLORADO

08/07/2014

AREA: N1

ROUTE: N12 Spud: 03/09/2009

WINS No.: 30141

AFE/WO#: 88585397

API#: 0512329592

GL: 4906

KB: 4918

MTD: 8020

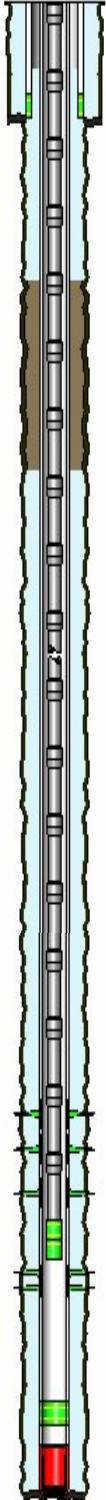
TVD: 7939

LOG MD: 8049

PBMD: 7987

PBTVD: 7906

Directions: WCR 34 & WCR 33, EAST 3/10, NORTH 4/10 INTO



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE	12.25	12	605	03/10/2009				
PRODUCTION	7.88	605	8020	03/13/2009				
<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	13	8.63	24.00	J-55	STC	12	592
	Saw Tooth Shoe	1	8.63				592	593
PRODUCTION CASING	Casing	188	4.50	11.60	I-80	LTC	12	7987
	Latch Down Baffle	1	4.50				7987	7987
	Casing	1	4.50	11.60	I-80	LTC	7987	8015
	Casing Float Shoe	1	4.50		P 110		8015	8017
PRODUCTION TUBING	Tubing	236	2.37	4.70	J-55	8RD EUE	12	7396
	XN Profile Nipple	1	2.38				7396	7397
	Notched Collar	1	2.38				7397	7398
<u>CEMENT JOBS</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>			<u>Top D</u>	<u>Btm D</u>	<u>cbf</u>
SURFACE CASING	PRIM CMT 1ST STAGE	167	LEAD	SWIFCEM - HOT		12	600	No
PRODUCTION CASING	PRIM CMT 1ST STAGE	128	SPACER	POZZOLAN W/ BENTONITE		3300	3500	Yes
	PRIM CMT 1ST STAGE	490	LEAD	65/35 POZ-MIX		3500	6700	Yes
	PRIM CMT 1ST STAGE	230	TAIL	65/35 POZ-MIX		6700	8018	Yes
PRODUCTION CASING	SQUEEZE JOB	315	LEAD	TYPE 3		458	1670	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>		
		1550	1551	07/31/2014	CEMENT SQUEEZE			
NIOBRARA	A	7148	7155	03/31/2009	PRODUCTION			
NIOBRARA	B	7199	7209	03/31/2009	PRODUCTION			
NIOBRARA	C	7309	7315	03/31/2009	PRODUCTION			
CODELL		7432	7446	03/30/2009	PRODUCTION			

Comments: