

KERR-MCGEE OIL AND GAS ONSHORE LP

GRAZNAK 35-11

NW SW 11 3N 66W 1,841' FSL 741' FWL

WELD,COLORADO

07/31/2014

AREA: N1

ROUTE: N12 Spud: 03/14/2009

WINS No.: 30144

AFE/WO#: 88582911

API#: 0512329594

GL: 4907

KB: 4919

MTD: 8260

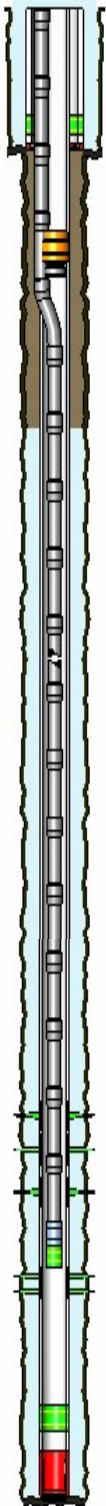
TVD: 7956

LOG MD: 8247

PBMD: 8215

PBTVD: 7911

Directions: CR 34 & CR 33, E 3/10, N 3/10 TO BATT., W 1/10 INTO. ON LOC: 32-11



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	12	838	03/15/2009
PRODUCTION	7.88	838	8260	03/19/2009

<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	18	8.63	24.00	J-55	STC	12	778
	Baffle	1	8.63				778	778
	Casing	1	8.63	24.00	J-55	STC	778	822
	Casing Guide Shoe	1	8.63				822	823
PRODUCTION CASING	Casing	196	4.50	11.60	I-80	LTC	12	8215
	Latch Down Baffle	1	4.50				8215	8215
	Casing	1	4.50	11.60	I-80	LTC	8215	8247
	Casing Float Shoe	1	4.50				8247	8249
PRODUCTION TUBING	Tubing	250	2.38	4.70	J-55	External-Ups	12	7623
	Seating Nipple	1					7623	7624
	Notched Collar	1					7624	7625
DV TOOL								
	Cement Stage Tool	1	4.50				1400	1403

<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	290	LEAD SWIFTCEM - HOT	12	823	No
PRODUCTION CASING	PRIM CMT 1ST STAGE	128	SPACER POZZOLAN W/ BENTONITE	2550	2750	Yes
	PRIM CMT 1ST STAGE	680	LEAD 65/35 POZ-MIX	2750	6950	Yes
	PRIM CMT 1ST STAGE	225	TAIL 65/50 POZ-MIX	6950	8249	Yes
DV TOOL						
	REMEDIAL CEMENT	170	LEAD TYPE 3	0	1400	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	7360	7366	04/03/2009	PRODUCTION	
	NIOBRARA	B	7404	7414	04/03/2009	PRODUCTION	
	NIOBRARA	C	7511	7519	04/03/2009	PRODUCTION	
	CODELL		7634	7656	04/01/2009	PRODUCTION	

Comments: