

## KERR-MCGEE OIL AND GAS ONSHORE LP

RAND 11-14A  
NE SW 14 3N 66W -- --  
WELD,COLORADO  
07/22/2014

AREA: N1

ROUTE: N14 Spud: 05/13/1992

WINS No.: 76870

AFE/WO#: 88536841

API#: 0512315686

GL: 4925

KB: 4935

MTD: 7983

TVD: 7983

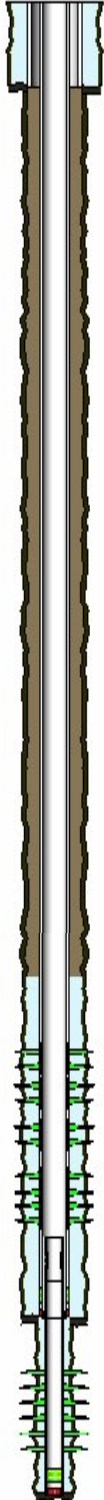
LOG MD: 7976

PBMD: 7946

PBTVD: 7946

Directions:

CR 32 &amp; CR 33, E 4/10, N 4/10, E INTO ON LOC: KOFLER 14-14, BARNEY 35-14, 23-14



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	10	595	05/13/1992
PRODUCTION	7.88	595	7519	05/16/1992
DEEPENED	3.88	7519	7984	08/04/1998

<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			10	585
PRODUCTION CASING	Casing	178	4.50	11.60	I-70	LTC	10	7460
		1	4.50	11.6	I-70		7460	7461
	Casing	1	4.50	11.60	I-70	LTC	7461	7498
	Casing Guide Shoe	1	4.50				7498	7499
DEEPENED LINER	Liner Hanger	1	2.88				7441	7448
	Casing	17	2.88	6.50	N-80	8RD EUE	7448	7946
		1	2.88				7946	7947
	Casing	1	2.88	6.50	N-80	8RD EUE	7947	7975
	Casing Guide Shoe	1	2.88				7975	7976

<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	STAGE 1	410	NEAT	10	585	No
PRODUCTION CASING	STAGE 1	142	PREMIUM	6620	7499	Yes
DEEPENED LINER	STAGE 1	25	G	7441	7976	Yes
--None--	SQUEEZE JOB			0	0	No
--None--	SQUEEZE JOB			0	0	No
--None--	REMEDIAL CEMENT			0	0	No
--None--	SQUEEZE JOB			0	0	No

<u>PERFORATIONS</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>
NIOBRARA		7079	7102	05/28/1992	PRODUCTION	
NIOBRARA		7130	7147	05/28/1992	PRODUCTION	
NIOBRARA		7226	7248	05/28/1992	PRODUCTION	
CODELL		7368	7376	05/22/1992	PRODUCTION	
CODELL		7369	7380	12/05/1997	PRODUCTION	
CODELL		7377	7382	05/22/1992	PRODUCTION	
J SAND		7821	7830	08/11/1998	PRODUCTION	
J SAND		7834	7837	08/11/1998	PRODUCTION	
J SAND		7844	7868	08/11/1998	PRODUCTION	

Comments: