

KERR-MCGEE OIL AND GAS ONSHORE LP
CAMP 2-31
NE NW 31 3N 65W 489' FNL 2,169' FEL
WELD,COLORADO
09/25/2013

AREA: EH

ROUTE: EH5 Spud: 04/27/2007

WINS No.: 93036

AFE/WO#:

API#: 0512324809

GL: 4922

KB: 4936

MTD: 7470

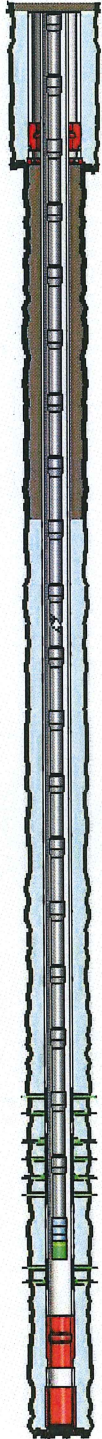
TVD: 7469

LOG MD: 7468

PBMD: 7445

PBTVD: 7445

Directions: CR 39 & 28 WEST 1/4 TO RIG



HOLE SECTIONS	Size	Top	Btm	TD Date
DRILL SURFACE HOLE	12.25	0	827	04/27/2007
RUN/CEMENT SURFACE C		0	827	04/28/2007
DRILL TO PRODUCTION	7.88	827	7470	05/01/2007

TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Bottom D
SURFACE CASING	Casing	17	8.63	24.00		ST&C	14	772
	Float Collar	1	8.63				772	772
	Casing	1	8.63	24.00		ST&C	772	816
	Casing Shoe	1	9.00				816	817
PRODUCTION (LONG STRING) CASING	Casing	188	4.50	11.60	L-80	LTC	14	7445
	Float Collar	1	4.50				7445	7445
	Casing	1	4.50	11.60	L-80	LTC	7445	7462
	Casing Shoe	1	5.00				7462	7464
PRODUCTION TUBING	Tubing	230	2.37	4.70	J-55	8RD EUE	14	7295
	Seating Nipple	1	2.38				7295	7296
	Notched Collar	1	2.38				7296	7297

CEMENT JOBS	Stage	Sacks	Cement Jobs	Top D	Btm D	cbl
SURFACE CASING	PRIMARY			14	817	No
PRODUCTION (LONG STRING) CASING	LEAD	175	CHECK 1 DJ - PREMIUM	3210	4858	Yes
	MIDDLE	123	DJ - PREMIUM	4858	6230	Yes
	TAIL	153	DJ - 50/50 POZ-MIX	6230	7464	Yes

PERFORATIONS	Formation	Zone	Top	Btm	Date	Reason	Comments
	NIOBRARA		7060	7090	05/24/2007	PRODUCTION	
	NIOBRARA		7164	7170	05/24/2007	PRODUCTION	
	NIOBRARA		7180	7192	05/24/2007	PRODUCTION	
	CODELL		7304	7324	05/23/2006	PRODUCTION	

Comments:

Camp 2-31

Existing

KB: 4936

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Fox Hill Base
8 5/8" Sfc. Csg Shoe
Top of new Cement

817

338

Sussex Ttop

Shannon Base

Nio Top

TOC

3210

Tbg Landed

7296

Top CD Perf

7304

Planned

Full Plug

Bore Hole Diameter	8
Casing OD	4.5
ft3/ft	0.239
Cement to cover (ft)	2393
Volume of Cement (ft3)	571.0
20% Excess (ft3)	685
Sx	596
Mud Volume (bbl)	136

