

KERR-MCGEE OIL AND GAS ONSHORE LP

PIONEER 23-2

NW SW 2 2N 65W 1,940' FSL 611' FWL

WELD,COLORADO

02/02/2015

AREA: E2

ROUTE: E24

Spud: 08/08/2009

WINS No.: 06994

AFE/WO#: 88630251

API#: 0512330383

GL: 4848

KB: 4865

MTD: 7648

TVD: 7260

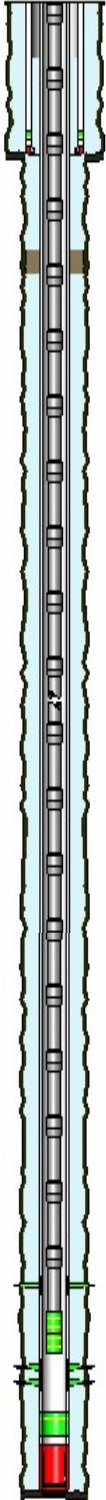
LOG MD: 7639

PBMD: 7619

PBTVD: 7231

Directions:

WCR 49 & WCR 22; W 8/10; N 1-8/10; W 7/10 (CROSS DITCH); S 3/10 INTO (ON W SIDE OF DITCH)



HOLE SECTIONS	Size	Top	Btm	TD Date
SURFACE	12.25	17	890	08/09/2009
PRODUCTION	7.88	890	7665	08/12/2009

TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Bottom D
SURFACE CASING	Casing	19	8.63	24.00	J-55	STC	17	834
	Baffle	1	8.63				834	834
	Casing	1	8.63	24.00	J-55	STC	834	879
	Casing Guide Shoe	1	8.63				879	880
PRODUCTION CASING	Casing	181	4.50	11.60	L-80	LTC	17	7619
	Latch Down Baffle	1	4.50				7619	7619
	Casing	1	4.50	11.60	L-80	LTC	7619	7654
	Casing Float Shoe	1	4.50				7654	7656
PRODUCTION TUBING	Tubing	237	2.38	4.70	J-55	External-Ups	17	7466
	XN Profile Nipple	1	2.38				7466	7467
	Notched Collar	1					7467	7468

CEMENT JOBS	Stage	Sacks	Cement Jobs	Top D	Btm D	cbl
SURFACE CASING	PRIM CMT 1ST STAGE	550	TAIL TYPE 3	17	890	No
PRODUCTION CASING	PRIM CMT 1ST STAGE	550	LEAD VERSACEM B1	1562	6810	Yes
	PRIM CMT 1ST STAGE	112	TAIL VERSACEM B1	6810	7665	Yes
PRODUCTION CASING	ONE INCH JOB			360	1430	No

PERFORATIONS	Formation	Zone	Top	Btm	Date	Reason	Comments
	NIOBRARA	B	7260	7274	09/15/2009	PRODUCTION	
	NIOBRARA	C	7352	7360	09/15/2009	PRODUCTION	
	CODELL		7504	7518	09/14/2009	PRODUCTION	

Comments: