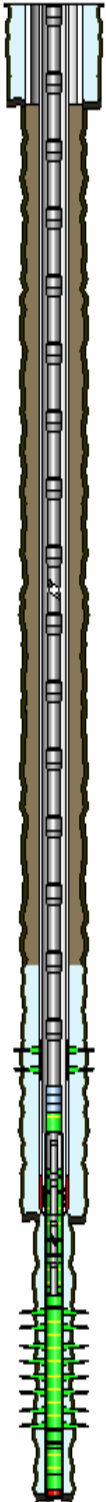


KERR-MCGEE ROCKY MOUNTAIN CORP
HSR-KRANDEL 9-25
NE SE 25 3N 66W 1,980' FSL 742' FEL
WELD,COLORADO
03/12/2013

AREA: N4 ROUTE: N44 Spud: 02/26/1989 WINS No.: 73722 AFE/WO#: 88239057 API#: 0512314230

GL: 4991 KB: 5001 MTD: 8020 TVD: 8020 LOG MD: 8035 PBMD: 7986 PBTVD: 7986

Directions: RD 39 & RD 28, W AT RD 28 AND RD 39, ACROSS CATTLE GUARD FOR 1 MILE, NW 1/2 MILE TO 2ND TANK BATTERY.



HOLE SECTIONS	Size	Top	Btm	TD Date
SURFACE	12.25	10	717	02/26/1989
PRODUCTION	7.88	717	7536	03/03/1989
DEEPENED	3.88	7536	8020	07/13/2004

TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Bottom D
SURFACE CASING	Casing	17	8.63	24			10	727
PRODUCTION CASING	Casing	177	4.50	11.60	M-75		10	7512
	Casing Guide Shoe	1	4.50				7512	7513
DEEPENED LINER	Liner Hanger	1	2.88		N-80		7478	7482
	Liner	9	2.88	6.5	N-80		7482	7752
	Liner	1	2.88	6.5	N-80		7752	7762
	Liner	7	2.88	6.5	N-80		7762	7986
	Latch Collar	1	2.88		N-80		7986	7988
	Liner	1	2.88	6.5	N-80		7988	8018
	Casing Guide Shoe	1	2.88		N-80		8018	8019
PRODUCTION TUBING	Tubing	237	2.38	4.70	J-55	External-Ups	10	7466
	Seating Nipple	1	2.38				7466	7467
	Crossover	1					7467	7468
	Tubing	11	1.25				7468	7820

CEMENT JOBS	Stage	Sacks	Cement Jobs	Top D	Btm D	cbf
SURFACE CASING	STAGE 1	460	REGULAR	10	717	No
PRODUCTION CASING	STAGE 1	130	G	6860	7513	Yes
DEEPENED LINER	STAGE 1	25	LIQUID STONE	7478	8019	Yes
--None--				0	0	No

PERFORATIONS	Formation	Zone	Top	Btm	Date	Reason	Comments
			6830	6831	03/06/2012	CEMENT SQUEEZE	ALL SHOTS FIRED
	CODELL		7400	7410	10/16/1997	PRODUCTION	
	CODELL		7402	7410	02/26/1989	PRODUCTION	
	J SAND		7866	7872	07/29/2004	PRODUCTION	
	J SAND		7890	7900	07/29/2004	PRODUCTION	
	J SAND		7902	7906	07/29/2004	PRODUCTION	
	J SAND		7918	7922	07/29/2004	PRODUCTION	

Comments: