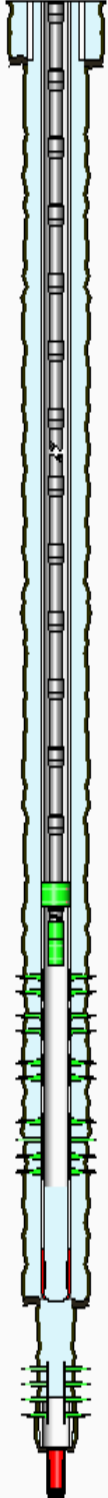


KERR-MCGEE OIL AND GAS ONSHORE LP
HSR-OSTERMILLER 10-8A
NW SE 8 3N 66W -- --
WELD,COLORADO
05/13/2013

AREA: N3 ROUTE: N31 Spud: 10/27/1993 WINS No.: 74939 AFE/WO#: 88327959 API#: 0512317492

GL: 4869 KB: 4879 MTD: 7960 TVD: 7960 LOG MD: PBMD: 7930 PBTVD: 7930

Directions: **WCR 29 & WCR 34, N 3/10, W 3/10 INTO.**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE	12.25	10	488	10/28/1993			
PRODUCTION	7.88	488	7521	10/30/1993			
DEEPENED	3.88	7521	7960	05/08/2002			

<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	11	8.63	24			10	473
PRODUCTION CASING	Casing	171	4.50	11.6	I-70		10	7510
		1	4.50				7510	7510
DEEPENED LINER	Liner Hanger	1			RMT		7450	7454
		16	2.88	6.5	N-80	8RD EUE	7454	7960
		1	2.88				7960	7961
	Casing Guide Shoe	1	2.88				7961	7962
PRODUCTION TUBING	Tubing	221	2.38	4.70	J-55	8RD EUE	10	6999
	Production	1	4.50				6999	7002
	Tubing	2	2.38	4.70	J-55	8RD EUE	7002	7064
	XN Profile Nipple	1	2.38				7064	7065
	Notched Collar	1	2.38				7065	7065

<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	330	NEAT	10	473	No
DEEPENED LINER	STAGE 1	21	LIQUID STONE	7450	7961	Yes
PRODUCTION CASING	SQUEEZE 1	250	G	3618	4700	Yes
	STAGE 1			4700	7511	Yes
	SQUEEZE 1 TAIL	50	NEAT	3618	4700	Yes
PRODUCTION CASING	ONE INCH JOB	750	TAIL	20	3618	Yes

<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		7085	7106	11/10/1993	PRODUCTION	
	NIOBRARA		7148	7155	11/10/1993	PRODUCTION	
	NIOBRARA		7233	7253	11/10/1993	PRODUCTION	
	CODELL		7371	7382	11/04/1993	PRODUCTION	
	CODELL		7373	7383	06/30/1998	PRODUCTION	
	CODELL		7383	7386	11/04/1993	PRODUCTION	
	J SAND		7827	7833	05/16/2002	PRODUCTION	
	J SAND		7836	7870	05/16/2002	PRODUCTION	

Comments: