

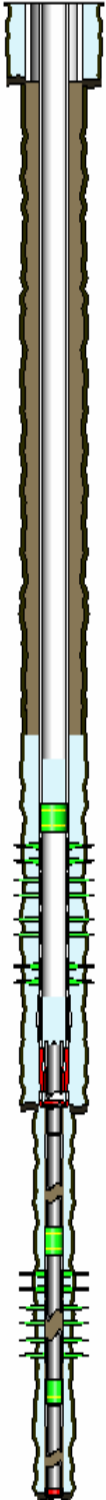
KERR-MCGEE OIL AND GAS ONSHORE LP

**HSR-CYPRES 15-23
SW SE 23 3N 66W -- --
WELD,COLORADO
08/05/2013**

AREA: N4 ROUTE: N41 Spud: 07/26/1989 WINS No.: 73913 AFE/WO#: 88383217 API#: 0512314345

GL: 4974 KB: 4984 MTD: 8020 TVD: 8020 LOG MD: 8018 PBMD: 7983 PBTVD: 7983

Directions: WCR 32 AND WCR 35, SOUTH 8/10 MILE, WEST 3/10 MILE, SOUTH WEST 2/10 MILE TO LOCATION.



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE	12.25	10	699	07/26/1989			
PRODUCTION	7.88	699	7564	08/01/1989			
DEEPENED	3.88	7564	8020	05/15/2002			

<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	16	8.63				10	688
PRODUCTION CASING	Casing	178	4.50	11.6	M-75		10	7516
	Casing Float Collar	1	4.50				7516	7517
	Casing	1	4.50	11.6	M-75		7517	7555
	Casing Guide Shoe	1	4.50				7555	7556
DEEPENED LINER	Liner Hanger	1			WTHRFRD		7492	7499
	Tubing Joint(s)	9	2.88		N-80		7499	7783
	Tubing Joint(s)	1	2.88		N-80		7783	7793
	Tubing Joint(s)	6	2.88		N-80		7793	7983
	Latch Collar	1	2.88				7983	7984
	Tubing Joint(s)	1	2.88				7984	8015
	Casing Guide Shoe	1	2.88				8015	8016
BRIDGE PLUG	CIBP With CMT Cap	1	2.88				7801	7813
BRIDGE PLUG	Cast Iron Bridge Plu	1	4.00				7081	7084

<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 LEAD	140	LITE	10	300	No
	STAGE 1 TAIL	100	G	300	688	No
PRODUCTION CASING	STAGE 1	180	G	6480	7556	Yes
DEEPENED LINER	STAGE 1	6	LIQUID STONE	7492	8016	Yes
BRIDGE PLUG	ABANDONMENT PLUG	30	LEAD FRESH WATER	6681	7081	No

<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		7141	7158	07/06/1993	PRODUCTION	
	NIOBRARA		7192	7199	07/06/1993	PRODUCTION	
	NIOBRARA		7277	7278	07/06/1993	PRODUCTION	
	CODELL		7421	7436	02/20/1990	PRODUCTION	
	CODELL		7421	7431	05/19/2001	PRODUCTION	
	J SAND		7871	7876	05/21/2002	PRODUCTION	
	J SAND		7894	7898	05/21/2002	PRODUCTION	
	J SAND		7906	7930	05/21/2002	PRODUCTION	

Comments: