

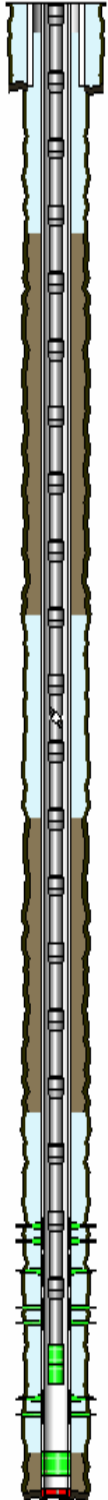
KERR-MCGEE OIL AND GAS ONSHORE LP

**KERN 13-4-5Y
SW SW 4 3N 66W -- --
WELD,COLORADO
11/11/2013**

AREA: N3 ROUTE: N33 Spud: 06/26/2003 WINS No.: 76249 AFE/WO#: 88310444 API#: 0512321557

GL: 4795 KB: 4807 MTD: 7460 TVD: 7460 LOG MD: 7467 PBMD: 7443 PBTVD: 7443

Directions: WCR 29 & WCR 36. NORTH 1/8 MILE. EAST INTO LOCATION.



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>					
SURFACE	12.25	12	497	06/27/2003					
PRODUCTION	7.88	497	7460	06/30/2003					
<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	J-55	STC	12	487	
PRODUCTION CASING									
	Casing	177	4.50	11.6	I-80		12	7443	
		1	4.50	11.6	I-80	STC	7443	7444	
	Casing	1	4.50	11.60	N-80	LTC	7444	7457	
	Casing Guide Shoe	1	4.50		I-80		7457	7458	
PRODUCTION TUBING									
	Tubing	231	2.38	4.70	J-55	External-Ups	12	7264	
	XN Profile Nipple	1	2.38				7264	7265	
	Notched Collar	1	2.38				7265	7265	
<u>CEMENT JOBS</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>	<u>Top D</u>	<u>Btm D</u>	<u>cbf</u>			
SURFACE CASING									
	STAGE 1	320	NEAT	12	497	No			
PRODUCTION CASING									
	STAGE 1	205	50/50 POZ-MIX	6400	7443	Yes			
--None--	ONE INCH JOB	250	LEAD FRESH WATER	3530	4700	Yes			
--None--	ONE INCH JOB	225	LEAD FRESH WATER	178	1328	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		7006	7006	07/28/2003	PRODUCTION			
	NIOBRARA	A	7010	7026	11/14/2007	PRODUCTION	1 SPF		
	NIOBRARA		7022	7022	07/28/2003	PRODUCTION			
	NIOBRARA		7025	7025	07/28/2003	PRODUCTION			
	NIOBRARA	B	7067	7083	11/14/2007	PRODUCTION	1 SPF		
	NIOBRARA		7076	7076	07/28/2003	PRODUCTION			
	NIOBRARA		7078	7078	07/28/2003	PRODUCTION			
	NIOBRARA		7080	7080	07/28/2003	PRODUCTION			
	NIOBRARA		7082	7082	07/28/2003	PRODUCTION			
	NIOBRARA	C	7160	7180	11/14/2007	PRODUCTION	1 SPF		
	CODELL		7300	7312	07/17/2003	PRODUCTION			
	CODELL		7300	7316	11/13/2007	PRODUCTION	2 SPF		

Comments: