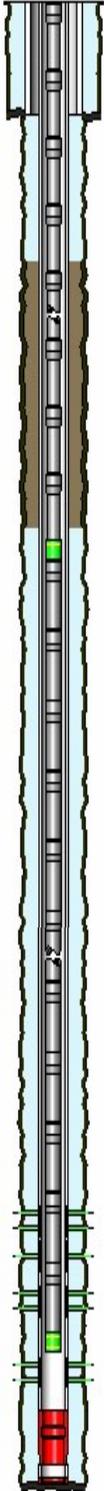


KERR-MCGEE OIL AND GAS ONSHORE LP
MORNING FRESH 7-22
SW NE 22 3N 66W 2,180' FNL 2,180' FEL
WELD,COLORADO
03/25/2014

AREA: N4 ROUTE: N42 Spud: 04/27/2005 WINS No.: 73966 AFE/WO#: 88493693 API#: 0512322898

GL: 4900 KB: 4912 MTD: 7511 TVD: 7511 LOG MD: 7520 PBMD: 7470 PBTVD: 7470

Directions: WCR 32 & WCR 31, E 1/2, S INTO



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE		12.25	12	685	04/27/2005				
PRODUCTION		7.88	685	7511	05/01/2005				
<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	15	8.63	24	J-55	STC	12	679
PRODUCTION CASING		Casing	178	4.50	11.6	I-80	LTC	12	7470
	Casing Float Collar	1	4.50					7470	7471
	Casing	1	4.50	11.6	11.6	I-80	LTC	7471	7486
	Casing Guide Shoe	1	4.50					7486	7487
PRODUCTION TUBING		Tubing	105	2.38	4.70	J-55	8RD EUE	12	3224
	Production	1	2.38					3224	3230
	Tubing	134						3230	7331
	XN Profile Nipple	1	2.38					7331	7332
<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	475	NEAT		12	679	No	
PRODUCTION CASING		STAGE 1 LEAD	450	LITE		3153	4788	Yes	
		STAGE 1 TAIL	220	50/50 POZ-MIX		4788	7486	Yes	
PRODUCTION CASING		SQUEEZE JOB	245	DISPLACE FRESH WATER		685	1560	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>	
		FT HAYS		1549	1550	03/10/2014	CEMENT SQUEEZE		
		NIOBRARA	A	7092	7098	07/01/2009	PRODUCTION		
		NIOBRARA	B	7130	7140	06/30/2009	PRODUCTION		
		NIOBRARA	C	7226	7234	06/30/2009	PRODUCTION		
		CODELL		7360	7374	05/09/2005	PRODUCTION		

Comments: