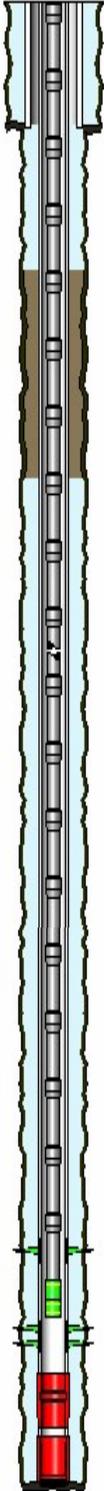


KERR-MCGEE OIL AND GAS ONSHORE LP
PSC 37-11
SW SE 11 3N 67W 465' FSL 2,121' FEL
WELD,COLORADO
01/12/2015

AREA: N2 ROUTE: N22 Spud: 09/16/2006 WINS No.: 91707 AFE/WO#: 88636991 API#: 0512324048

GL: 4770 KB: 4786 MTD: 7442 TVD: 7329 LOG MD: 7446 PBMD: 7391 PBTVD: 7278

Directions: **WCR 32 1/2 & WCR 23, N 1/2, W & N INTO**



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE		12.25	16	744	09/17/2006				
PRODUCTION		7.88	727	7442	09/21/2006				
<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	24.00	K-55	STC	16	727
PRODUCTION CASING		Casing	176	4.50	11.60	I-80	LTC	16	7391
	Casing Float Collar	1						7391	7392
	Casing	1		4.50	11.60	I-80	LTC	7392	7434
	Casing Guide Shoe	1						7434	7435
PRODUCTION TUBING		Tubing	230	2.38	4.70	J-55	External-Ups	16	7268
	XN Profile Nipple	1		2.38				7268	7269
	Notched Collar	1		2.38				7269	7269
<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		PRIM CMT 1ST STAGE	200	LEAD	DJ - PREMIUM	16	502	No	
	PRIM CMT 1ST STAGE	100	TAIL	DJ - STANDARD		502	727	No	
PRODUCTION CASING		PRIM CMT 1ST STAGE	380	LEAD	DJ - LITE	2740	4166	Yes	
	PRIM CMT 1ST STAGE	100	MIDDLE	DJ - LITE		4166	5880	Yes	
	PRIM CMT 1ST STAGE	140	TAIL	DJ - 50/50 POZ-MIX		5880	7435	Yes	
--None--		ONE INCH JOB	255	LEAD	TYPE 3	708	1530	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	A		7038	7044	03/19/2010	PRODUCTION		
	NIOBRARA	B		7084	7094	03/19/2010	PRODUCTION		
	NIOBRARA	C		7156	7166	03/19/2010	PRODUCTION		
	CODELL			7283	7304	10/11/2006	PRODUCTION		

Comments: