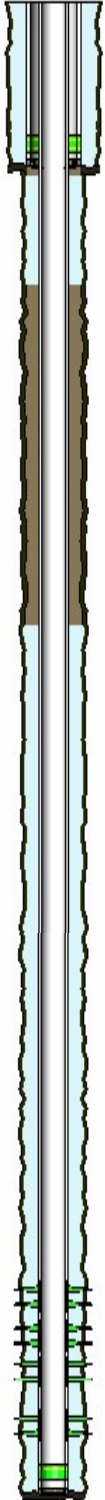


**KERR-MCGEE OIL AND GAS ONSHORE LP**  
**NESG 23-23**  
**SW SE 23 3N 68W 1,230' FSL 1,615' FEL**  
**WELD,COLORADO**  
**05/19/2014**

**AREA: W2**      **ROUTE: W22**    **Spud: 01/18/2008**      **WINS No.: 93282**      **AFE/WO#: 88484515**      **API#: 0512324986**

**GL: 4980**    **KB: 5000**    **MTD: 7660**    **TVD: 7542**    **LOG MD: 7666**    **PBMD: 7614**    **PBTVD: 7496**

**Directions:**    **HWY 66 AND WCR 9.5; NORTH 1/8 MILE; EAST INTO**



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE		12.25	20	834	01/19/2008			
PRODUCTION		7.88	834	7660	01/23/2008			
<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	17	8.63	24.00	J-55	STC	20    779
		Baffle	1	8.63				779    779
		Casing	1	8.63	24.00	J-55	STC	779    823
		Casing Guide Shoe	1	8.63				823    824
PRODUCTION CASING		Casing	173	4.50	11.60	I-80	LTC	20    7614
		Latch Down Baffle	1	4.50				7614    7614
		Casing	1	4.50	11.60	I-80	LTC	7614    7646
		Casing Float Shoe	1	4.50				7646    7648
<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		PRIM CMT 1ST STAGE	275	LEAD	50/50 POZ-MIX	20	552	No
		PRIM CMT 1ST STAGE	100	TAIL	TYPE 2	552	824	No
PRODUCTION CASING		PRIM CMT 1ST STAGE	215	LEAD	50/50 POZ-MIX	3750	4730	Yes
		PRIM CMT 1ST STAGE	100	MIDDLE	HLC EXTREME LITE	4730	6880	Yes
		PRIM CMT 1ST STAGE	136	TAIL	HLC	6880	7647	Yes
PRODUCTION CASING		ONE INCH JOB	125	LEAD	FRESH WATER	873	1500	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	A	7208	7212	04/01/2008	PRODUCTION	A Bench
		NIOBRARA	B	7264	7274	04/01/2008	PRODUCTION	B Bench
		NIOBRARA	C	7310	7316	04/01/2008	PRODUCTION	C Bench
		CODELL		7454	7474	03/31/2008	PRODUCTION	

Comments: