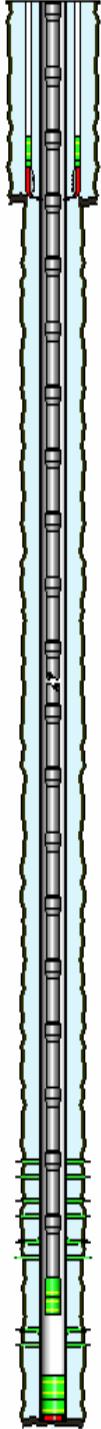


KERR-MCGEE OIL AND GAS ONSHORE LP
PIONEER 23-12
SE SE 12 2N 65W 1,049' FSL 1,034' FEL
WELD, COLORADO
04/26/2013

AREA: S5 ROUTE: S56 Spud: 05/27/2009 WINS No.: 03438 AFE/WO#: 88342073 API#: 0512328177

GL: 4889 KB: 4906 MTD: 7535 TVD: 7299 LOG MD: 7510 PBMD: 7486 PBTVD: 7250

Directions: **WCR 22 & WCR 49; W 2/10; N 2/10 INTO**



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE		12.25	17	897	05/28/2009				
PRODUCTION		7.88	897	7535	05/30/2009				
<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	19	8.63	24.00	J-55	ST&C	17	841	
	Baffle	1	8.63		J-55		841	841	
	Shoe Joint	1	8.63	24.00	J-55	ST&C	841	886	
	Casing Guide Shoe	1	8.63		J-55		886	887	
PRODUCTION CASING									
	Casing	178	4.50	11.60	I-80	LT&C	17	7486	
	Latch Down Baffle	1	4.50		I-80		7486	7486	
	Shoe Joint	1	4.50	11.60	I-80	LT&C	7486	7521	
	Casing Float Shoe	1	4.50		I-80		7521	7522	
PRODUCTION TUBING									
	Tubing	120	2.37	4.70	J-55	8RD EUE	17	7322	
	XN Profile Nipple	1	2.38				7322	7323	
	Notched Collar	1	2.38				7323	7323	
<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	590	TAIL	TYPE 3		17	890	No	
PRODUCTION CASING									
	PRIM CMT 1ST STAGE	760	LEAD	35/65 POZ-MIX		840	6700	Yes	
	PRIM CMT 1ST STAGE	150	TAIL	50/50 POZ-MIX		6700	7525	Yes	
PRODUCTION CASING									
	ONE INCH JOB	200	LEAD	FRESH WATER		24	845	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	7109	7111	07/14/2009	PRODUCTION				
NIOBRARA	B	7160	7170	07/14/2009	PRODUCTION				
NIOBRARA	C	7232	7240	07/14/2009	PRODUCTION				
CODELL		7365	7382	07/13/2009	PRODUCTION				

Comments: