

**KERR-MCGEE OIL AND GAS ONSHORE LP**

**BELLA 19-8**

**NE SW 8 3N 66W 1,719' FSL 1,703' FWL**

**WELD,COLORADO**

**11/08/2013**

**AREA: N3**

**ROUTE: N33 Spud: 02/14/2010**

**WINS No.: C4349**

**AFE/WO#: 88419537**

**API#: 0512330696**

**GL: 4862**

**KB: 4877**

**MTD: 8035**

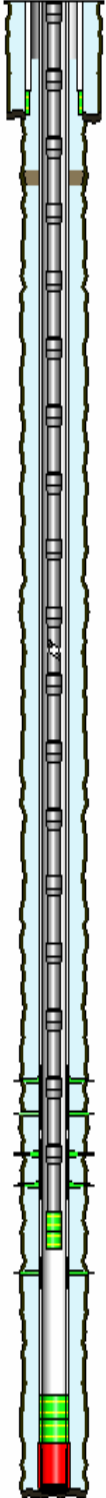
**TVD: 7979**

**LOG MD: 1150**

**PBMD: 7989**

**PBTVD: 7933**

**Directions: WCR 34 & 29. W 1/2, N 3/10, W 2/10 INTO**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE	12.25	15	604	02/15/2010				
PRODUCTION	7.88	604	8035	02/17/2010				
<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	13	8.63	24.00	J-55	STC	15	593
	Saw Tooth Shoe	1	9.00		J-55		593	594
PRODUCTION CASING	Casing	183	4.50	11.60	I-80	LTC	15	7989
	Latch Down Baffle	1	4.50		I-80		7989	7989
	Shoe Joint	1	4.50	11.60	I-80	LTC	7989	8024
	Casing Float Shoe	1	5.00		I-80		8024	8026
PRODUCTION TUBING	Tubing	235	2.38	4.70	J-55	External-Ups	15	7386
	XN Profile Nipple	1	2.38				7386	7387
	Notched Collar	1	2.38				7387	7387
<u>CEMENT JOBS</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>					
PRODUCTION CASING	PRIM CMT 1ST STAGE	760	LEAD	ECONOCEM			650	6758 Yes
	PRIM CMT 1ST STAGE	210	TAIL	FRACCEM			6758	8035 Yes
SURFACE CASING	PRIM CMT 1ST STAGE	380	LEAD	TYPE 3			15	604 No
PRODUCTION CASING	ONE INCH JOB	120	LEAD	FRESH WATER			410	970 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	7166	7168	02/24/2010	PRODUCTION			
NIOBRARA	B	7194	7204	02/24/2010	PRODUCTION			
NIOBRARA	C	7282	7288	02/24/2010	PRODUCTION			
NIOBRARA	C	7300	7306	02/24/2010	PRODUCTION			
CODELL		7430	7446	02/22/2010	PRODUCTION			

**Comments:**