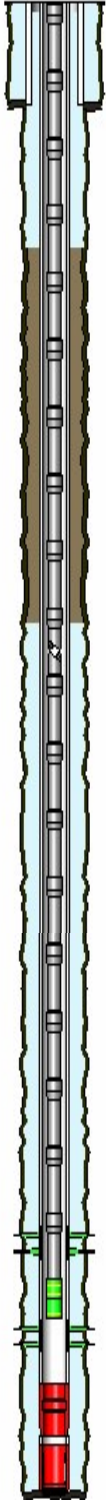


KERR-MCGEE OIL & GAS ONSHORE LP
ZABKA 19-15
SW SW 15 4N 67W 1,209' FSL 1,263' FWL
WELD,COLORADO
12/18/2014

AREA: N3 **ROUTE: N34** **Spud: 02/20/2005** **WINS No.:** **AFE/WO#: 88603657** **API#: 0512322513**

GL: 4860 **KB: 4872** **MTD: 7420** **TVD: 7420** **LOG MD: 7420** **PBMD: 7380** **PBTVD: 7380**

Directions: **WCR 44 & WCR 19, 1/4 E, N INTO**



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE		12.25	12	590	02/21/2005			
PRODUCTION		7.88	590	7420	02/26/2005			
<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	13	8.63	24.00	J-55	STC	12 590
PRODUCTION CASING		Casing	176	4.50	11.60	I-80	LTC	12 7380
		Casing Float Collar	1	4.50				7380 7381
		Casing	1	4.50	11.60	I-80	LTC	7381 7411
		Casing Guide Shoe	1	4.50				7411 7412
PRODUCTION TUBING		Tubing	228	2.38				12 7210
		XN Profile Nipple	1	2.38				7210 7212
		Notched Collar	1	2.38				7212 7212
<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		STAGE 1	405	NEAT		12	590	No
PRODUCTION CASING		STAGE 1 LEAD	420	LITE		3519	6316	Yes
		STAGE 1 TAIL	180	50/50 POZ-MIX		6316	7412	Yes
PRODUCTION CASING		ONE INCH JOB	230	LEAD	FRESH WATER	60	1400	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	6910	6920	01/21/2011	PRODUCTION	
		NIOBRARA	B	7006	7010	01/21/2011	PRODUCTION	
		NIOBRARA	C	7088	7098	01/21/2011	PRODUCTION	
		CODELL		7225	7246	03/04/2005	PRODUCTION	

Comments: