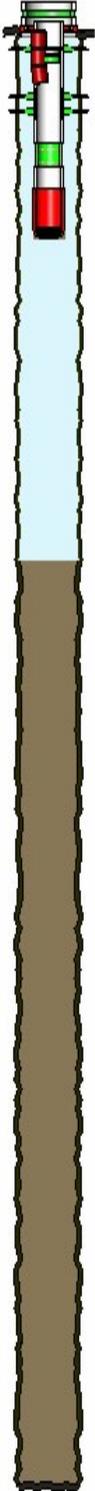


KERR-MCGEE OIL AND GAS ONSHORE LP
WARDELL 14-29
SE SW 29 3N 65W 460' FSL 2,170' FWL
WELD,COLORADO
08/06/2014

AREA: E1 ROUTE: E1H Spud: 05/29/2008 WINS No.: 00256 AFE/WO#: 88438610 API#: 0512325836

GL: 4877 KB: 4893 MTD: 7390 TVD: 7389 LOG MD: 7310 PBMD: 7352 PBTVD: 7350

Directions: WCR 39 & WCR 28, 1/2 MILE EAST & NORTH INTO



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE		12.25	16	790	05/29/2008				
PRODUCTION		7.88	790	7390	06/01/2008				
<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		16	8.63	24.00	J-55	ST&C	16	727
	Baffle		1	8.10				727	727
	Casing		1	8.63	24.00	J-55	ST&C	727	771
	Casing Guide Shoe		1	9.00				771	772
PRODUCTION CASING									
	Casing		167	4.50	11.60	I-80	LT&C	16	7352
	Latch Down Baffle		1	4.00				7352	7352
	Casing		1	4.50	11.60	I-80	LT&C	7352	7380
	Casing Guide Shoe		1	5.00				7380	7382
PRODUCTION TUBING									
	Tubing		228	2.38	4.70	J-55	External-Ups	0	7181
	Seating Nipple		1					7181	7182
	Notched Collar		1					7182	7182
PRODUCTION TUBING									
	Wellbore Equipment		228	2.38		J-55		16	7199
	Wellbore Equipment		1	2.38				7199	7200
	Wellbore Equipment		1	2.38				7200	7201
<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		330	LEAD	TYPE 3	16	775	No	
PRODUCTION CASING									
	PRIM CMT 1ST STAGE		310	LEAD	PREMIUM LITE CEMENT	3485	4854	Yes	
	PRIM CMT 1ST STAGE		150	MIDDLE	PREMIUM LITE	4854	6576	Yes	
	PRIM CMT 1ST STAGE		160	TAIL	POZZOLAN W/ BENTONITE	6576	7384	Yes	
PRODUCTION CASING									
	ONE INCH JOB					2472	2860	Yes	
PRODUCTION CASING									
	ONE INCH JOB					100	1520	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	B	7018	7032	07/17/2008	PRODUCTION				
NIOBRARA	C	7084	7090	07/17/2008	PRODUCTION				
CODELL		7230	7246	07/16/2008	PRODUCTION				

Comments: