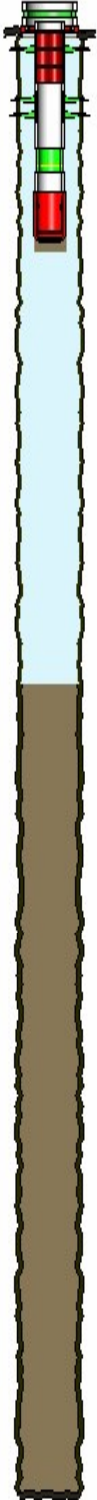


KERR-MCGEE OIL AND GAS ONSHORE LP
WARDELL 37-29
SE SW 29 3N 65W 460' FSL 2,154' FWL
WELD,COLORADO
07/23/2014

AREA: E1 ROUTE: E1H Spud: 05/24/2008 WINS No.: 93178 AFE/WO#: 88479722 API#: 0512325832

GL: 4877 KB: 4893 MTD: 7615 TVD: 7382 LOG MD: 7618 PBMD: 7582 PBTVD: 7349

Directions: **WCR 39 & WCR 28, EAST 4/10 MILE & NORTH INTO**



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE		12.25	16	790	05/24/2008				
PRODUCTION		7.88	790	7615	05/28/2008				
<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	726
	Baffle	1	8.10					726	726
	Casing	1	8.63	24.00	J-55	ST&C		726	771
	Casing Guide Shoe	1	9.00					771	772
PRODUCTION CASING									
	Casing	172	4.50	11.60	I-80	8RD LTC		16	7582
	Latch Down Baffle	1	4.00					7582	7582
	Casing	1	4.50	11.60	I-80	8RD LTC		7582	7607
	Casing Float Shoe	1	5.00					7607	7609
PRODUCTION TUBING									
	Wellbore Equipment	235	2.38		J-55			16	7409
	Wellbore Equipment	1	2.38					7409	7410
	Wellbore Equipment	1	2.38		J-55			7410	7411
PRODUCTION TUBING									
	Wellbore Equipment	235	2.38		J-55			16	7409
	Wellbore Equipment	1	2.38					7409	7410
	Wellbore Equipment	1	2.38		J-55			7410	7411
<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	774	No	
PRODUCTION CASING									
	PRIM CMT 1ST STAGE	245	LEAD	PREMIUM LITE CEMENT		3250	5050	Yes	
	PRIM CMT 1ST STAGE	135	MIDDLE	PREMIUM LITE		5050	6778	Yes	
	PRIM CMT 1ST STAGE	170	TAIL	POZZOLAN W/ BENTONITE		6778	7611	Yes	
--None--									
	ONE INCH JOB					763	1808	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>			
		1600	1601	07/15/2014	CEMENT SQUEEZE				
NIOBRARA	A	7178	7182	07/14/2008	PRODUCTION				
NIOBRARA	B	7226	7234	07/14/2008	PRODUCTION				
NIOBRARA	C	7312	7322	07/14/2008	PRODUCTION				
CODELL		7454	7470	07/14/2008	INJECTION				

Comments: