

**KERR-MCGEE ROCKY MOUNTAIN CORP**

**YOUNG EARL #1X**

**S2 SW 34 2N 65W -- --**

**LAT: 40.09080      LONG: -104.65400**

**WELD,COLORADO**

**01/30/2012**

**AREA: S5      ROUTE: S57      Spud: 01/28/1978      WINS No.: 75356      AFE/WO#: 88215975      API#: 0512309401**

**GL: 4947      KB: 4958      MTD: 7900      TVD: 7900      LOG MD: 8120      PBMD: 8086      PBTVD: 8086**

**Directions:      WCR 43-1/2 & WCR 12-1/2, N 4/10, W 1/10 INTO**

<u>TUBULARS</u>	<u>Tool Type</u>	<u>Joints</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Condition</u>	<u>Top D</u>	<u>Bottom D</u>
<b>SURFACE CASING</b>	Casing	6	8.63	24	K-55			11	300
<b>PRODUCTION CASING</b>	Casing	202	4.50	10.5 &	K-55			11	7866
		1	4.50					7866	7867
	Casing Guide Shoe	1	4.50					7867	7868
<b>KICK OFF LINER</b>									
<b>PRODUCTION TUBING</b>		1						10	11
	Tubing	252	1.25	2.4	J-55			11	7938
	Seating Nipple	1	1.25					7938	7939

<u>CEMENT TYPE</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Type</u>	<u>Top D</u>	<u>Btm D</u>	<u>cbl</u>	<u>est</u>	<u>Comments</u>
<b>SURFACE CASING CEMENT</b>	STAGE 1	250	REGULAR	50	282	No	Yes	
<b>PRODUCTION CASING CEMENT</b>	SQUEEZE 1			874	1048	Yes	No	fox hills
	SQUEEZE 3	200	G	5922	6500	Yes	No	
	SQUEEZE 2			4000	4816	Yes	No	sussex
	STAGE 1			7020	7898	Yes	No	
<b>--None-- CEMENT</b>	STAGE 1	75	G	6363	8098	Yes	No	

<u>PERFORATIONS</u>	<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>spf</u>	<u>Shots</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>	<u>Producing</u>
	CODELL		7266	7280	4	56	08/19/1995	PRODUCTION		Yes
	J SAND		7704	7742	2	76	03/02/1978	PRODUCTION		Yes
	DAKOTA		7932	7960	2	56	06/10/1996	PRODUCTION		Yes
	DAKOTA		7955	7979	4	96	07/30/1999	PRODUCTION		Yes

**Comments:**      Provide 24 hour notice of MIRU to John Montoya via email at john.montoya@state.co.us      Prepare location for rig to move onto.      Call Foreman and/or Lead Operator before rig up to isolate any production equipment.

**Proposed Completion Procedure**

- MIRU WO rig. Kill well, as necessary with 2% KCl water w/ biocide. ND wellhead. NU BOP's.
- Unseat and LD landing joint.
- POOH w/1.25" TBG and lay down 1.25" TBG.
- PU 4-1/2" CSG scraper & RIH to 7800' to confirm no restrictions. TOOH laying down CSG scraper.
- MIRU wireline. RIH w/CIBP and cement bailer to 7790'. Set CIBP @ 7790' and dump 2 sx of cement on top of bridge plug and POOH.
- PU & RIH w/CIBP and cement bailer to 7654'. Set CIBP @ 7654' and dump 2 sx of cement on top of bridge plug and POOH.
- PU & RIH w/CIBP and cement bailer to 7216'. Set CIBP @ 7216' and dump 2 sx of cement on top of bridge plug and POOH.
- PU & RIH w/CIBP and cement bailer to 4100'. Set CIBP @ 4100' and dump 2 sx of cement on top of bridge plug and POOH.
- ND BOP's and tubing head. Unland casing from slips and work casing. TIH w/ free point tool to find free casing and POOH. TIH with chemical cutter to cut csg 50' above free point. Estimated TOC 874'. RDMO wireline.
- PU 4-1/2" csg and establish circulation up the annulus. If no circulation notify engineer. If unable to pull csg notify engineer/COGCC for modification. TOOH & lay down 4-1/2" CSG.
- TIH w/TBG string to CSG stub. MIRU cementing services. Set 100 ft balanced plug across cement stub (1/2 in, 1/2 out). SWI, WOC 4 hours (or overnight), tag cmt.
- PUH with 2-3/8" TBG ~ 350'. Set cement plug ~50 ft below surface shoe to surface. (Bottom of surface CSG ~ 300')

**KERR-MCGEE ROCKY MOUNTAIN CORP****YOUNG EARL #1X****S2 SW 34 2N 65W -- --****LAT: 40.09080      LONG: -104.65400****WELD,COLORADO****01/30/2012****AREA: S5      ROUTE: S57      Spud: 01/28/1978      WINS No.: 75356      AFE/WO#: 88215975      API#: 0512309401****GL: 4947    KB: 4958    MTD: 7900    TVD: 7900    LOG MD: 8120    PBMD: 8086    PBTVD: 8086****Directions:    WCR 43-1/2 & WCR 12-1/2, N 4/10, W 1/10 INTO**

- 
13. Cut surface casing 5 ft below ground level and weld on cap.
  14. RDMO WO rig.
  15. Properly abandon flowlines per Rule 1103.
  16. Submit Form 6 to COGCC. Provide "As Plugged" wellbore diagram identifying the specific plugging completed.
- 

**Proposed Perforation Intervals**

Top	Btm	Zone	Comments

**Engineer: RAMSEY KING: 720-201-7252****Foreman: DAVID ZIEGLER: 970-301-1548****Lead Pumper: JIM SMITH****Authorized By: BOB COLE/CORY EIKENBERG**

---



KERR-MCGEE ROCKY MOUNTAIN CORP

Evans Office 3939 Carson Avenue  
Evans, CO 80620

Date: 1/26/2012

Authorization

PERMANENT

YOUNG EARL #1X  
S2 SW 34 2N 65W -- --  
LAT: 40.09080 LONG: -104.65400  
WELD,COLORADO

AREA: S5 ROUTE: S57 Spud: 01/28/1978 WINS No.: 75356 AFE/WO#: 88215975 API#: 0512309401  
GL: 4947 KB: 4958 MTD: 7900 TVD: 7900 LOG MD: 8120 PBMD: 8086 PBTVD: 8086

---

Approved: \_\_\_\_\_ Date: \_\_\_\_\_ Area Engineer  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_ Engineering Supervisor