

**KERR-MCGEE ROCKY MOUNTAIN CORP**  
**CAMP UPRR 42-25**  
**SE NE 25 3N 66W 2,045' FNL 565' FEL**  
**LAT: 40.19810      LONG: -104.71730**  
**WELD,COLORADO**

03/05/2012

**AREA: N4      ROUTE: N44      Spud: 05/27/1993      WINS No.: 73750      AFE/WO#: 88223515      API#: 0512317053**

**GL: 5035      KB: 5045      MTD: 7602      TVD: 7602      LOG MD: 7602      PBMD: 7563      PBTVD: 7563**

**Directions:      WCR 32 & WCR 35, S 1 TO FORK, CONT. E 1 @ FORK, S 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	16	8.63	24				10	708
<b>PRODUCTION CASING</b>									
	Casing	173	2.88	6.50	N-80	8RD EUE		10	5594
	Casing Patch	1	6.63					5594	5599
	Casing	63	2.88	6.50	N-80	CS-HYDRIL		5599	7562
	Casing Float Collar	1	2.88					7562	7563
	Casing	1	2.88	6.50	N-80	8RD EUE		7563	7596
	Casing Guide Shoe	1	2.88					7596	7597

<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>								
	TOP OUT JOB	50	A	10	76	No	Yes	
	STAGE 1	480	A	76	708	No	Yes	CMT RETURNS TO SURFACE
<b>PRODUCTION CASING CEMENT</b>								
	STAGE 1	200	G	6702	7598	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		7429	7439	4	40	06/09/1993	PRODUCTION		Yes

Comments:

**Proposed Completion Procedure**

1. Call foreman and/or lead operator before rig up to isolate any production equipment.
2. NOTE: Notify state representative 24 hours before MIRU.
3. Install anchors on location if needed and level the location for beam if ground on location is uneven.
4. MIRU WO rig. Kill well as necessary with fresh water.
5. ND wellhead. NU BOP. (Well history shows well does not have tubing)
6. Pick up 1.66" work string to perform plugging operations.
7. MIRU wireline. TIH with 5K CIBP and set at 7,380' KB.
8. MIRU Halliburton. Spot 2 SX of Class G cement w/ 2% CaCl on top of CIBP. Displace with 13.5 bbls water. Estimated top of cement plug at 7,310' KB.
9. PUH and re-land tubing at 6,800' KB. Reverse circulate w/ 25 bbls water and get clean returns.
10. RDMO Halliburton. TOOHP with tubing and stand back. Allow cement to set a minimum of 4 hours.
11. PU and TIH with 1.66" tubing open ended. Tag top of cement and record depth in OpenWells. TOOHP with 1.66" tubing and stand all back.
12. RIH with spear inside 2-7/8" casing. Use spear to pull up on and un-land 2-7/8" casing from slips.
13. Pick up on 2-7/8" casing to try and disengage casing patch located at 5,594' KB. If casing patch disengages, TOOHP with 2-7/8" casing. If casing patch won't disengage then MIRU PSI and cut the 2-7/8" casing at 5,660' KB and pull casing. If unable to pull casing contact engineer to make plugging modifications. Report casing stub depth to engineer.
14. PU 1.66" tbg and TIH open-ended. Land tbg 100' below 2-7/8" casing stub.
15. MIRU Halliburton cementers.
16. Spot 40 SX Class G cement w/2% CaCl 100' below casing stub. Displace to top of cement estimated to be 120' above casing stub. PUH ~500' w/tbg and reverse circulate w/12 bbls water and get clean returns. TOOHP w/ 1.66" tbg and stand all back.
17. RDMO Halliburton and allow cement to set a minimum of 4 hours.
18. PU and TIH w/ 1.66" tbg open ended. Tag top of cement and record depth in OpenWells. PUH w/tbg and re-land @ 4,750' KB.
19. MIRU Halliburton cementers.

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20. Spot 50 SX Class G cement w/ 2% CaCl. Displace with 8.4 bbls water. Estimated Top of cement plug at 4,580' KB. PUH and re-land tubing at 4,080' KB. Reverse circulate w/ 15 bbls water and get clean returns. TOOH w/ 1.66" tbg and stand all back.
21. RDMO Halliburton and allow cement to set a minimum of 4 hours.
22. PU and TIH with 1.66" tubing open ended. Tag top of cement and record depth in OpenWells. PUH w/ tbg and re-land @ 758' KB.
23. MIRU Halliburton cementers.
24. Spot 236 sx Class G cement w/ 2% CaCl @ 758' KB (Estimated top of cement plug at 15' KB). TOOH and LD 1.66" tbg.
25. RDMO Halliburton.
26. ND BOPs.
27. Cut surface casing off 5' below surface and weld plate on top w/marker.
28. Notify engineer when plugging operations are completed.

Proposed Perforation Intervals

Top	Btm	Zone	Comments

Engineer: CASEY DECKER

Foreman: ERIC MCCLAIN: 970-590-6253

Lead Pumper: JIM PHILLIPS: 970-301-1569

Authorized By: Tom Price



KERR-MCGEE ROCKY MOUNTAIN CORP

Evans Office 4000 Burlington Avenue  
Evans, CO 80620

Date: 3/2/2012

**Authorization**

**PERMANENT**

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