

KERR-MCGEE ROCKY MOUNTAIN CORP
WENINGER UPRR 42-1 #2
SE NE 1 3N 66W -- --
LAT: 40.25640 LONG: -104.71820
WELD,COLORADO
01/17/2012

AREA: N4 ROUTE: N43 Spud: 12/27/1986 WINS No.: 76524 AFE/WO#: 88200275 API#: 0512313299

GL: 4926 KB: 4937 MTD: 7462 TVD: 7462 LOG MD: 7460 PBMD: 7447 PBTVD: 7447

Directions: WCR 35 & WCR 38, E 1, S 4/10, W 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>
SURFACE CASING	Casing	8	8.63	24				11	347
PRODUCTION CASING	Casing	227	4.50	15.1		LTC		11	7462
		1	4.50					7462	7463
		1	4.50					7463	7464
PRODUCTION TUBING	Tubing	132	2.88	6.5	N-80	8RD EUE		11	4092
	Fish		2.38		J-55			4092	7144

<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>
SURFACE CASING CEMENT	STAGE 1	215	REGULAR	11	347	No	Yes	
PRODUCTION CASING CEMENT	STAGE 1	50	LITE	6327	7460	No	Yes	
	STAGE 1 TAIL	175	G	6327	7460	No	Yes	
	STAGE 2	50	LITE	2696	4715	No	Yes	CMNT PORT COLLAR
	STAGE 2 TAIL	350	50/50 POZ-MIX	2696	4715	No	Yes	CMNT PORT COLLAR

<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>
NIOBRARA		7061	7078			02/01/1987	PRODUCTION		Yes
NIOBRARA		7139	7148			02/01/1987	PRODUCTION		Yes
NIOBRARA		7210	7238			02/01/1987	PRODUCTION		Yes
CODELL		7359	7367	1	8	02/01/1987	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. Unseat and lay down landing joint.
6. PUH with 2-7/8" tubing to break any possible sand bridges. Do not exceed safety tensile load of 115,900 lbs. TOO H with 2-7/8" tubing
7. MIRU wireline. TIH with 5K CIBP and set at 4,000' KB.
8. MIRU Halliburton. Spot 2 SX of cement on top of CIBP. Displace w/ 23 bbls water. Estimated top of cement plug at 3,978' KB.
9. PUH and re-land tubing at 3,700' KB. Reverse circulate w/ 38 bbls water or until returns are clean.
10. RDMO Halliburton. TOO H with tubing and stand back. Allow cement to set a minimum of 4 hours.
11. PU and TIH with 2-7/8" tubing open ended. Tag top of cement and record depth in OpenWells. TOO H with 2-7/8" tubing and stand all back.
12. MIRU PSI. Freepoint 4-1/2" casing. Cut casing ~50' above freepoint. RDMO PSI and pull casing. Contact engineer with casing stub depth. If unable to pull casing contact engineer to make plugging modifications.
13. PU 2-7/8" tbg and TIH open-ended. Land tbg 100' below 4-1/2" casing stub.
14. MIRU Halliburton cementers.
15. Spot 40 SX Class G cmt w/2% CaCl 100' below casing stub. Displace to top of cement estimated to be 100' above casing stub. PUH ~500' w/tbg and reverse circulate w/38 bbls water or until returns are clean. TOO H w/ 2-7/8" tbg and stand all back.

KERR-MCGEE ROCKY MOUNTAIN CORP
WENINGER UPRR 42-1 #2
SE NE 1 3N 66W -- --
LAT: 40.25640 LONG: -104.71820
WELD,COLORADO

01/17/2012

AREA: N4 ROUTE: N43 Spud: 12/27/1986 WINS No.: 76524 AFE/WO#: 88200275 API#: 0512313299

GL: 4926 KB: 4937 MTD: 7462 TVD: 7462 LOG MD: 7460 PBMD: 7447 PBTVD: 7447

Directions: WCR 35 & WCR 38, E 1, S 4/10, W INTO

16. RDMO Halliburton and allow cement to set a minimum of 4 hours..
17. PU and TIH w/ 2-7/8" tbg open ended. Tag top of cement and record depth in OpenWells. PUH w/tbg and re-land @ 450' KB.
18. MIRU Halliburton cementers.
19. Spot 135 sx Class G cement w/2% CaCl @ 450' KB (Estimated top of cement plug at 16' KB). TOOH and LD 2-7/8" tbg.
20. RDMO Halliburton.
21. ND BOPs.
22. Cut surface casing off 5' below surface and weld plate on top w/marker.
23. 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 3939 Carson Avenue
Evans, CO 80620

Date: 1/12/2012

Authorization

PERMANENT

WENINGER UPRR 42-1 #2
SE NE 1 3N 66W -- --
LAT: 40.25640 LONG: -104.71820
WELD,COLORADO

AREA: N4 ROUTE: N43 Spud: 12/27/1986 WINS No.: 76524 AFE/WO#: 88200275 API#: 0512313299
GL: 4926 KB: 4937 MTD: 7462 TVD: 7462 LOG MD: 7460 PBMD: 7447 PBTVD: 7447

Approved: _____ Date: _____ Area Engineer
Approved: _____ Date: _____ Engineering Supervisor