KERR-MCGEE ROCKY MOUNTAIN CORP
UPRR 21 PAN AM "E" #1
SE SE 7 4N 65W -- --
LAT: 40.32260   **LONG:** -104.70010
WELD,COLORADO
01/11/2012

AREA: N4   **ROUTE:** N41   **Spud:** 09/14/1976   **WINS No.:** 76424   **AFE/WO#:** 2053607   **API#:** 0512308925

GL: **KB:**   **MTD:** **4550**   **TVD:** **4550**   **LOG MD:** **4540**   **PBMD:** **4500**   **PBTVD:** **4500**

Directions: **RD 39 & 46 N 1/2 W 1/8 INTO**

TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Condition	Top D	Bottom D
8 5/8 IN CASING									
	Casing	2	8.63	24.00				0	487
4 1/2 IN CASING									
	Casing	2	4.50	11.60				0	4549

CEMENT TYPE	Stage	Sacks	Cement Type		Top D	Btm D	cbl	est	Comments
8 5/8 IN CASING CEMENT									
	PRIMARY	100	LEAD	CEMENT	0	487	No		
4 1/2 IN CASING CEMENT									
	PRIMARY	200	LEAD	CEMENT	3540	4549	No		

PERFORATIONS

Formation	Zone	Top	Btm	spf	Shots	Date	Reason	Comments	Producing
SUSSEX		4400	4426	2	52	09/21/1976		JET	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. TOOH laying down tubing and pick up 2-3/8" work string to plug the well.
7. Land tbg @ ~4350' KB.
8. MIRU Halliburton Cementers.
9. Spot 50 SX of Class G cmt w/2% CaCl @ 4350' KB. Displace w/ 14 bbls water. (Estimated top of cement plug at 3,691' KB).
10. PUH w/ tbg and re-land @ 3300' KB. Reverse circulate w/ 25 bbls water or until returns are clean.
11. RDMO Halliburton.
12. TOOH with tubing and stand back. Allow cement to set a minimum of 4 hours.
13. PU and TIH w/ 2-3/8" tubing open ended. Tag top of cement and record depth in OpenWells. TOOH w/ 2-3/8" tbg and stand all back
14. 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.
15. PU 2-3/8" tbg and RIH open-ended. Land tbg 100' below 4-1/2" casing stub.
16. MIRU Halliburton cementers.
17. Spot 60 SX Class G cmt w/2% CaCl 100' below casing stub. Displace to top of cement estimated to be 178' above casing stub. PUH ~500' w/tbg and reverse circulate w/25 bbls water or until returns are clean. TOOH w/ 2-3/8" tbg and stand back.
18. RDMO Halliburton and let cement set a minimum of 4 hours..
19. PU and TIH w/ 2-3/8" tbg open ended. Tag top of cement and record depth in OpenWells. PUH w/tbg and re-land @ 580' KB.
20. MIRU Halliburton cementers.
21. Spot 173 sx Class G cement w/2% CaCl @ 580' KB (Estimated top of cement plug at 16' KB). TOOH and LD 2-3/8" tbg.
22. RDMO Halliburton.
23. ND BOPs.
24. Cut surface casing off 5' below surface and weld plate on top w/marker.
25. Notify engineer when plugging operations are completed.

Proposed Perforation Intervals

Top	Btm	Zone	Comments

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Directions: RD 39 & 46 N 1/2 W 1/8 INTO

Engineer: CASEY DECKER   **Foreman: ERIC MCLAIN: 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: *1/26/2011*

Authorization

PERMANENT

P&A

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Approved: _____   Date: _____   **Area Engineer**

Approved: _____   Date: _____   **Engineering Supervisor**