

Form 9-331  
Dec. 1973

SEP 16 1980

Form Approved.  
Budget Bureau No. 42-R1424UNITED STATES  
O. C. D.  
DEPARTMENT OF THE INTERIOR  
ARTESIA, OFFICE  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other
2. NAME OF OPERATOR ARCO Oil & Gas Company  
Division of Atlantic Richfield Company
3. ADDRESS OF OPERATOR  
P. O. Box 1710, Hobbs, New Mexico 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
560' FSL & 3350' FEL  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: As above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input checked="" type="checkbox"/> Abo	<input type="checkbox"/>
(other) Repair Water Flow	

5. LEASE  
LC-031844
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME  
Fren Oil Co.
9. WELL NO.  
21
10. FIELD OR WILDCAT NAME  
North Cedar Lake Morrow
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
19-17S-31E
12. COUNTY OR PARISH  
Eddy
13. STATE  
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3579' GL

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)

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17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details including estimated date of starting any proposed work. If well is directionally drilled, give surface location and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. Rig up, kill well, install BOP. POH w/ comp assy.
2. Set BP @ 11,000', spot 2 sx sand on top.
3. Set pkr @ 7050', test 7" below pkr to 1500# for 30 mins.
4. Re-set pkr @ 6950', establish inj rate into Abo perms.
5. RIH w/ cmt retr, set @ 6910'. Squeeze Abo perms 6944-96' w/LWL cmt followed by C1 "C" w/2% CaCl<sub>2</sub>.
6. Run CBL/VDL/CCL from 100' below TOC-surf.
7. Perf approx 25' above TOC as indicated by CBL w/ 4 JS.
8. RIH w/ cmt retr, set above squeeze perms. Cmt w/ C1 "C" cmt contg 2% CaCl<sub>2</sub> amount to circ to surf. Close BH valve, squeeze w/pressure. WOC.
9. Drill out squeeze jobs, press test to 1500# for 30 mins. Rec BP.
10. Run single comp assy, treat Morrow perms w/ 500 gals 15%. Clean up acid, return to production.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jerry W. Schmidt TITLE Dist. Drlg. Supt. DATE 9/8/80

(This space for Federal or State office use)

APPROVED BY (Orig. Sgd.) PETER W. CHESTER TITLE ACTING DISTRICT ENGINEER DATE SEP 12 1980  
CONDITIONS OF APPROVAL, IF ANY: