

d/sf

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NOV 15 1985UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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 depth. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR ARCO Oil and 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.)  
AT SURFACE: 660' FSL & 660' FEL (Unit P)  
AT TOP PROD. INTERVAL: as above  
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"/>		<input type="checkbox"/>
(other)			

5. LEASE  
LC 061783 (a)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Unit  
Empire Abo Pressure Maintenance
8. FARM OR LEASE NAME  
Empire Abo Unit "L"
9. WELL NO.  
8
10. FIELD OR WILDCAT NAME  
Empire Abo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
4-18S-27E
12. COUNTY OR PARISH | 13. STATE  
Eddy | N.M.
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3570' RDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

Propose to P&A well in the following manner: MIRU, POH w/pump & rods, inst BOP. POH w/tbg & WH. Run bit to PBD 5763'. Set cmt retr @ 5500'. Establish injection rate thru perfs 5540-5570', 5592-5618'. Cmt squeeze perfs w/C1 H Neat cmt, amt to be determined by pump-in rate. Dump 5 sx cmt on top. Circ w/9.5 ppg BW cont'g 25#/bbl gel. Spot 100' cmt plug (3500-3600)\*. Perf w/2-4 shots @ 1400'. Set cmt retr @ 1350', establish circ thru perfs & cmt squeeze w/amt to be determined by pump-in rate. Dump 5 sx cmt on cmt retr. Spot 10 sx plug @ surf. Cut off WH. Inst regulation dry hole marker. Clean & level location for abandonment.

\* this plug needs to be in & behind the 5 1/2" casing. pwc

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

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

SIGNED A. L. Shackelford TITLE Engrg Tech Spec. DATE 7/24/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 11-14-85  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_