Form 9-331
(May 1963) M. O. & G. Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Copy to SF

Form Approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
NM 025604

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
AUG 16 1977
O. C. C.
ARTESIA, OFFICE

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME
Empire Abo Pressure Maintenance Project

2. NAME OF OPERATOR
Atlantic Richfield Company

8. FARM OR LEASE NAME
Empire Abo Unit "N"

3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, New Mexico 88240

9. WELL NO.
901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2390' FNL & 940' FWL (Unit Letter E)

10. FIELD AND POOL, OR WILDCAT
Empire Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
10-18S-27E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	3596.3' GR	Eddy	N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Spud, Run & Cmt Surf Csg			[X]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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.)*

Spudded 11" hole @ 4:00 PM 8/4/77. Lost returns @ 40', drld w/o returns to 1000'. Fin 11" hole to 1000' @ 8:30 PM 8/5/77. Ran 8-5/8" OD 24# K-55 csg, set @ 1000', FC @ 922'. Cmtd 8-5/8" OD csg w/350 sx Cl C cmt cont'g 4% gel, 2% CaCl, ¼# flocele/sk, 6# NACl/sk, 5# Kolite/sk followed by 100 sx Cl C cont'g 2% CaCl. BP w/1000# @ 2:30 AM 8/6/77. Did not circ. to surface. Tagged cmt @ 29' FS, cmtd behind 8-5/8" OD csg 29' to surface w/7 yds Redi-mix. WOC 16 hrs. Press tstd csg to 1000# 30 mins OK. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCC Rules & Regulations.

1. Volume of cmt slurry when mixed was 585 cu ft of Cl C cont'g 4% gel, 2% CaCl, ¼# flocele/sk, 6# NaCl/sk, 5# Kolite/sk followed by 132 cu ft of Cl C cmt cont'g 2% CaCl followed by 189 cu ft Redi-mix.
2. Approx temp of cmt slurry when mixed was 80°F.
3. Estimated minimum formation temp in zone of interest was 70°F.
4. Estimate of cmt strength at time of csg test was 2100 PSIG.
5. Actual time cmt in place prior to starting test was 16 hrs.

Commenced drlg 7-7/8" hole @ 7:45 PM 8/6/77.

RECEIVED
AUG 12 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED _____ TITLE Dist. Drlg. Supt. DATE 8/10/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

*See Instructions on Reverse Side