

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP DATE*
(Other instruction
verse side)Form approved.
Budget Bureau No. 42-R1424.

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		AUG 15 1977	
2. NAME OF OPERATOR Atlantic Richfield Company		O. C. C.	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		ARTESIA, OFFICE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1300' FNL & 1220' FWL (Unit letter D)		7. UNIT AGREEMENT NAME Empire Abo Pressure Maintenance Project	
		8. FARM OR LEASE NAME Empire Abo Unit "M"	
		9. WELL NO. 901	
		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.) 3507.7' GR		12. COUNTY OR PARISH Eddy
		13. STATE N. M.	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Spud, Run Surf Csg & Cmt ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(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 @ 6:30 PM 7/17/77. Fin 11" hole @ 2:00 PM 7/19/77. RIH w/8-5/8" OD 24# K-55 csg, set @ 1000'. FC @ 917'. Cmt 8-5/8" OD csg w/300 sx Cl C cont'g 4% gel, 6# salt, 1/4# celloflakes, 2% CaCl & 100 sx Cl C cont'g 6# salt/sk, 2% CaCl. Circ 100 sx to pit. Bumped plug @ 6:30 PM 7/19/77 w/600#. WOC 12 hrs. Pressure tested casing to 1000# for 30 mins, OK. The compressive strength criterion for cmtg by Option 2 of the Commission Rules & Regulations is as follows:

1. Volume of cmt slurry was 501 cu ft of Cl C cont'g 4% gel, 6# salt/sk, 1/4# celloflakes/sk & 2% CaCl followed by 132 cu ft of Cl C cmt cont'g 6# salt/sk & 2% CaCl. Circ 100 sx to pit.
2. Approx temp of cmt slurry when mixed was 85°F
3. Estimated minimum formation temperature in zone of interest was 70°F.
4. Estimate of cmt strength when tested was 1800 PSIG.
5. Actual time cmt was in place prior to commencing test was 12 hrs.

Commenced drilling new fm @ 6:30 AM 7/20/77.

RECEIVED
JUL 26 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 7/28/77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 1 1977

R. L. BERNARD

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side