

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructive in re-
verse side)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 RECEIVED

(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"/>		APR 19 1979		7. UNIT AGREEMENT NAME Empire Abo Pressure Maintenance Project	
2. NAME OF OPERATOR ARCO Oil & Gas Company		Division of Atlantic Richfield Company		8. FARM OR LEASE NAME Empire Abo Unit "I"	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		ARTESIA, OFFICE		WELL NO. 123	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 250' FEL (Unit Letter P)		10. FIELD AND POOL, OR WILDCAT Empire Abo		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 3-18S-27E	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3501.4' 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 @ 8:00 PM 4-4-79. Finished drlg 11" hole to 1000' @ 3:15 AM 4-6-79. RIH w/8-5/8" OD 24# K-55 csg set @ 1000'. Cmt 8-5/8" OD csg w/300 sx HLW cmt Contg 2% CaCl, 6# salt/sk, 1/4# flocele/sk followed by 150 sx Cl C Cmt Contg 2% CaCl. PD @ 10:30 AM 4-5-79. Circ cmt to surf. Circ 190 sx cmt to pit. WOC 12 hrs. The following compressive strength criterion is furnished for cmtg in accordance with Option 2 of the Oil Conservation Division's Rules & Regulations.

1. The volume of cmt slurry used was 507 cu. ft. of HLW cmt Contg 2% CaCl, 6# salt/sk, 1/4# flocele/sk followed by 198 cu. ft. of Cl C Cmt Contg 2% CaCl. Circ 321 cu. ft. cmt to pit.
2. Approximate temperature of cmt slurry when mixed was 72°F.
3. Estimated minimum formation temp in zone of interest was 70°F.
4. Estimate of cmt strength at time of casing test 1250 PSIG.
5. Actual time cement in place prior to starting test was 12 hrs. Pressure tested csg to 1000# for 30 mins. OK.

APR 19 1979
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Dist. Drlg. Supt.

DATE

4-12-79

(This space for Federal or State office use)

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

APR 18 1979

CONDITIONS OF APPROVAL, IF ANY: