

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYN. M. O. C. C. COPY
SUBMIT IN TRIP
(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"/>		RECEIVED		5. LEASE DESIGNATION AND SERIAL NO. NM 0557371	
2. NAME OF OPERATOR Atlantic Richfield Company		JUL 6 1977		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR Box 1710, Hobbs, New Mexico 88240		O. C. C. ARTESIA, OFFICE		7. UNIT AGREEMENT NAME Empire Abo Pressure Maintenance Project	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2370' FSL & 1510' FWL (Unit letter K)				8. FARM OR LEASE NAME Empire Abo Unit "K"	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3694' GR		9. WELL NO. 183	
				10. FIELD AND POOL, OR WILDCAT Empire Abo	
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1-18S-27E	
				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

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Spud, Run & Cmt Surf Csg

(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 6/23/77. Fin drlg 11" hole to 1000' @ 5:30 AM 6/25/77 w/full returns. Ran 8-5/8" OD 8R 24# csg, set @ 1000', FC @ 936'. Cmt 8-5/8" OD csg w/350 sx C1 C cmt cont'g 4% gel, 2% CaCl, 1/4# flocele/sk, 5# Kolite/sk followed by 100 sx C1 C cmt cont'g 2% CaCl. PD w/500# @ 11:00 AM 6/26/77. Circ 24 sx cmt to pit. Cmt circ to surf. WOC 15 hrs. DO cmt to FS. Press tstd csg to 1000# 30 mins OK. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the NMOCC Rules & Regulations:

1. Volume of cmt was 641 cu ft of C1 C cont'g 4% gel, 2% CaCl, 1/4# sk flocele, 6# salt/sk, 5# Kolite/sk, followed by 132 cu ft C1 C cmt cont'g 2% CaCl. RO 46 cu ft cmt to pit.
2. Approx temp of cmt slurry when mixed was 80° F.
3. Est minimum formation temp in zone of interest was 70° F.
4. Est of cmt strength at time of csg test was 2050 PSIG.
5. Actual time cmt in place prior to testing was 16 hrs.

Commenced drlg new formation @ 3:00 AM 6/26/77.

RECEIVED

JUL 01 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 6/29/77

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE JUL 5 - 1977

CONDITIONS OF APPROVAL, IF ANY: