

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 025604	
2. NAME OF OPERATOR Atlantic Richfield Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		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 1186' FSL & 200' FEL (Unit Letter P)		8. FARM OR LEASE NAME Empire Abo Unit "L"	
14. PERMIT NO.		9. WELL NO. 121	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3509.3' GR		10. FIELD AND POOL, OR WILDCAT Empire Abo	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 3-18S-27E	
		12. COUNTY OR PARISH Eddy	
		13. STATE New Mexico	

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) Log, Run Prod Csg, Cmt, Perf.

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

X Treat & Complete

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.)*

Fin drlg 7-7/8" hole @ 6 AM 5/15/77. TD 6157'. Ran DLL-RXO w/Caliper, CNL-FDC, GR-Neutron, Sonic VDL logs. Ran 45' 5 1/2" OD 15.5# K-55 csg on btm & 6071' 5 1/2" OD 14# K-55 on top, pkrs@ 5814, 5888, 5975', DV tool @ 4505', FC @ 6109', FS @ 6157'. Csg set @ 6157'. Cmt 5 1/2" csg w/ 400 sx 50/50 Pozmix C1 C cmt w/2% gel, 8# salt/sk, .6 of 1% CFR2 & 5#/sk Gilsonite. Plug bumped w/2650# @ 4:20 PM 5/16/77. Op DV tool & circ 35 sx cmt to pit. Cmt thru DV tool w/ 1075 sx Hal light cmt, followed by 100 sx C1 C cmt cont'g 8# salt/sk. Closed DV tool @ 12:30 AM 5/17/77 & circ 45 sx cmt to pit. WOC 48 hrs. DO DV tool @ 4505' & ckd PBD @ 6105'. Press tstd 5 1/2" csg w/1500# 30 mins OK. Ran CBL-GR log w/collars. Perf'd 5 1/2" csg 5936-56' w/2 JSPF (40 - .45" holes). RIH w/1 jt 2-3/8" OD EUE tbg TP, Lok-set pkr & 187 jts 2-3/8" OD EUE J-55 tbg, set btm tbg @ 5872', pkr @ 5837'. Acidized 5936-56' w/500 gals 15% NE-FE HCL acid followed by 30 BLC. MP 1050#, Min 350#, ISIP 350#, 5 mins vac. Swbd Abo 10 hrs, rec 30 BLO, 9 BNO, 12 BLW & 1 BFW. Acidized Abo 5936-56' w/500 gals lse crude, 500 gals 10# BW, 2000 gals 60/40 DAD acid & 500 gals lse crude oil flush. MP 600#, ISIP 0#, 24 hr SITP 0#. Swbd Abo 5936-56' 2 1/2 hrs, rec 24 BLO & 54 BNO, 10 BLW. Flwd 5 hrs, rec 70 BNO & 18 BLW, FTP 115# on 3/4" ck. On 24 hr potential test 5/29/77 flwd Abo perfs 5936-56', 427 BO, 0 BW & 474 MCFG, 26/64" ck, 190# FTP, GOR 1110:1.. Final Report.

RECEIVED

JUN 10 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 6/9/77

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE JUN 14 1977

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side