

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on reverse 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"/>	7. UNIT AGREEMENT NAME Empire Abo Pressure Maintenance Project
2. NAME OF OPERATOR Atlantic Richfield Company	8. FARM OR LEASE NAME Empire Abo Unit J
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240	9. WELL NO. 202
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2490' FNL & 1299' FEL (Unit letter H)	10. FIELD AND POOL, OR WILDCAT Empire Abo
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1-18S-27E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3656.1' GR	12. COUNTY OR PARISH Eddy
	13. STATE N.M.

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MAY 19 1976

## 16. Check Appropriate Box To Indicate Nature of Well 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) ☒ Run DST, logs, 5 1/2" 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.)\*

On 4/25/76, ran magnetic multi-shot survey on WL from 1100-4200'. Btm of hole located @ 65.91' @ N26° 30'W. Fin drlg 7-7/8" hole to 6296' @ 1:45 PM 5/2/76. Ran GR-DLL w/RXO, Caliper & Gamma Ray Neutron logs. DST#1, 5684-5709'. TO @ 5:10 PM 5/3/76, closed chamber test calc flow 5.5 MMCFPD. Closed tool @ 5:15 PM. Calc rec 0 BO & 0 BW. DST #2, 5822-5847'. TO @ 7:03 PM. Flwd 1-3/4 hrs on 1" ck, FTP 110#, flwd ARO 486 MCFPD, rec 0 BO & 0 BW @ surf. Closed tool @ 9:45 PM. DST #3, 5897-5922', TO @ 10:51 PM, very weak blow. TO 2 hrs, tool closed @ 12:45 PM 5/4/76. Reset tool @ 5708-5733', attempted to blow fluid from DP, unable to do so, no flow. RO 10 bbls GCM. Ran 5 1/2" OD 15.5# J-55 ST&C csg (152' on btm) & 5 1/2" OD 14# K-55 ST&C csg (6162' on top) set @ 6296'. FC @ 6261', DV tool @ 4009'. Cmt'd 1st stage w/10 bbls mud flush followed by 50 BFW followed by 550 sx 50/50 Cl C Pozmix cmt w/2% gel, 8# salt/sk, .6% D-31, 5# Gilsonite & 1# Celloflakes/sk. First plug down @ 4:15 AM 5/5/76. Opened DV tool @ 5 AM. Circ 75 sx to surf. Cmt'd 5 1/2" OD csg thru DV tool @ 4009' as follows: pmpd 50 BFW spacer followed by 900 sx BJ Lite cmt cont'g 8# salt/sk followed by 100 sx Cl C cont'g 8# salt/sk. PD @ 1:55 PM 5/5/76. Circ 70 sx cmt & closed DV tool w/2500#. RIH w/bit & scraper, DO cmt, DV tool @ 4009', found PBD @ 6198'. POH w/bit & scraper. Ran GR collar log & perf Abo 6141-61' w/2 JSPF, 42 - .48" holes. WIH w/completion assy as follows: 1 jt 2-3/8" EUE 8rd J-55 tbg, 5 1/2" X 2-3/8" Lok-set pkr w/"FL" on-off tool (1.81 profile) & 1 jt 2-3/8" OD EUE 8rd tbg, Model F SN (1.81 profile) & 197 jts 2-3/8" EUE 8rd tbg, set pkr @ 6040'. Btm tbg @ 6074'. Trtd Abo 6141-6161' w/3000 gals 15% HCL-1STNE acid cont'g iron sequestrant & 3000 gal 15% HCL/xylene 50:50 ratio, flushed w/ 12 BLC.

(Cont'd on attached Page #2)

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

SIGNED

TITLE Dist. Drlg. Supv.,

DATE 5/18/76

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

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JUN 3 1976

\*See Instructions on Reverse Side

O. C. C.  
ARTESIA, OFFICE

Form 9-331

Empire Abo Unit #J-202

5/18/76

Page 2

MP 3600#, Min 3000#, ATP 3400#, ISIP 2000#. Vac in 6 mins. On 24 hr test 5/16/76 well flwd 250 BO, 0 BW & 276 MCFG thru Abo perfs 6141-61' on 48/64" ck, FTP 105#. GOR 1104:1. Final Report.