

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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-10190
2. NAME OF OPERATOR Atlantic Richfield Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1978, Roswell, New Mexico 88201		7. UNIT AGREEMENT NAME East Shugart Unit WF
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2310' FNL, 2310' FWL (Unit Letter F)		8. FARM OR LEASE NAME East Shugart Unit
14. PERMIT NO.		9. WELL NO. 11
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3638' CTF		10. FIELD AND POOL, OR WILDCAT Shugart-Yates/Queen
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T18S, R31E
		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)

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.)*

Started operations 10/13/69. Drld & pushed CIBP from 3893' to 3912'. Ran CBL from 3500' to indicated top of cement at 2946'. Perf'd 4 holes 2712-2714. Squeeze cemented these perfs w/100 sx Class C neat to Max pressure of 2500#. Perf'd 4 holes 2168-2170' and cemented w/425 sx Class C in 2 stages. Drilled out and PIF w/1200#. Squeezed perfs 2168-2170 w/200 sx salt saturated Class "C" cement in 3 stages to max pressure 4100#. DO & tested to 1000# for 30 min. Held OK. DO squeeze @ 2712-14 & tested to 1100#. OK. Perf'd Queen 3375, 3381, 3449, 3457, 3465, 3473 & 3478 w/two 1/2" JS. Treated w/1500 gallons 15% HCl acid & 20,000 gallons fresh water & 20,000# 20/40 sand. Perf'd Yates 2720, 2725, 2730, 2735, 2748, 2754, 2776, 2783, 2790, 2798, 2852 & 2856' w/one 1/2" JS. Treated w/2700 gallons 15% HCl acid and 40,000 gallons fresh water w/40,000# 20/40 sand. Have been testing Yates perfs since 11/4/69 w/RBP set @ 2940'. Well has been flowing salt water from Yates perfs and is being evaluated for further remedial work.

RECEIVED

JUN 25 1970

RECEIVED
JUN 24 1970
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

D. D. Satchel

TITLE

Dist. Drlg. Supervisor

DATE

6-23-70

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED FOR RECORD PURPOSES
JUN 24 1970
Date *[Signature]*
District Engineer

*See Instructions on Reverse Side