1-Copy to S7

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
NM-016788

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 [X] GAS WELL [ ] OTHER

RECEIVED
OCT 3 1978
O. C. C.
ARTESIA, OFFICE

7. UNIT AGREEMENT NAME
Empire Abo Pressure Maintenance Project

2. NAME OF OPERATOR
Atlantic Richfield Company

8. FARM OR LEASE NAME
Empire Abo Unit "K"

3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, New Mexico 88240

9. WELL NO.
191

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1526' FSL & 1470' FEL (Unit letter J)

10. FIELD AND POOL, OR WILDCAT
Empire Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
1-18S-27E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3627.4' 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:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Squeeze Cmt & Compl Lower in ReefX			
(Other)	[ ]			(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.) *

RU, killed well, inst BOP & POH w/tbg & pkr. RIH w/FB cmtr on 2-3/8" tbg, set @ 6086'. Press tested csg & BP 6086-6130' w/2500# OK. POH w/FB cmtr. RIH w/cmt retr, set retr @ 6002', tstd csg to 1000# OK. Squeezed perfs 6056-66' by pmpg 200 bbls 10# brine gel wtr, 50 BLC, 100 bbls injectrol G, 8.4#/gal, 100 sx Cl C cmt cont'g 6# sd/sk. RO 5 sx cmt. WOC. RIH w/bit, drld retr @ 6002', cmt 6002-6033'. Press tested csg to 1550# 30 mins OK. Drld CIBP @ 6130', circ hole clean to 6278'. RIH w/Lok-set pkr, set pkr @ 6095'. Acidized perfs 6154-6172' w/500 gals 15% HCL 60/40 & xylene, flushed w/18 BLC. Swbd 24 BO & 136 BW. POH w/Lok-set pkr & tbg. RIH w/pkr, Kobe cavity on 2-3/8" OD tbg, set tbg @ 6111', pkr @ 6109' & Kobe cavity @ 6196-6109'. On 24 hr potential test 9/10/78 pmpd Abo perfs 6154-72', 101 BO, 19 BW & 140 MCFG. GOR 1386:1. Final Report.

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

SIGNED [signature] TITLE Dist. Drlg. Supt. DATE 9/27/78

(This space for Federal or State office use)

APPROVED BY [signature] TITLE ACTING DISTRICT ENGINEER DATE OCT - 2 1978

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side