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NEW MEXICO **RECEIVED** CONSERVATION COMMISSION

MAY 25 1977

O. C. C.

ARTESIA, OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-DRILL OR RE-LOCATE TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL OR RE-LOCATE FOR SUCH PROPOSALS.)

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
647-368	647-363
647-320	
7. Unit Agreement Name	
Empire Abo Pressure Maintenance Project	
8. Farm or Lease Name	
Empire Abo Unit "G"	
9. Well No.	
351	
10. Field and Pool, or Wildcat	
Empire Abo	
12. County	
Eddy	

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator	
Atlantic Richfield Company	
3. Address of Operator	
P. O. Box 1710, Hobbs, New Mexico 88240	
4. Location of Well	
UNIT LETTER <u>J</u> <u>1850</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> N.M.P.M.	
15. Elevation (Show whether DF, RT, GR, etc.)	
3663.2' GR	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPS. ☒
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOBS ☒ Surface
OTHER ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 11" hole @ 12:30 PM 5/13/77. Fin 11" hole to 600' @ 1:00 AM 5/15/77. No lost circ. RIH w/8-5/8" OD 24# J-55 csg, set @ 600'. FS on btm, FC @ 520'. Cmtd 8-5/8" OD csg in the following manner: pmpd 10 BFW, 175 sx Cl C w/4% gel, 6#/sk salt cont'g 2% CaCl, 1/4# flocele followed by 100 sx Cl C cmt w/6# salt/sk & 2% CaCl. Plug down w/800# @ 5:35 AM 5/14/77. Circ 35 sx to pit. WOC 13 hrs. Press tstd csg to 1000# 30 mins OK. The following compressive strength criterion is furnished for cementing by Option 2 of the OCC Rules & Regulations.

1. The volume of cmt slurry was 292 cu ft of Cl C cont'g 4% gel, 6#/sk salt w/2% CaCl followed by 132 cu ft Cl C cmt cont'g 6# salt/sk & 2% CaCl. Circ 58 cu ft Cl C cmt cont'g 4% gel, 6#/sk salt w/2% CaCl to pit.
2. Approx temp of cmt slurry when mixed was 79° F.
3. Estimated minimum formation temp in zone of interest was 68° F.
4. Estimate of cmt strength at time of casing test was 2200 PSIG.
5. Actualtime cement in place prior to starting test was 13 hrs.

Started drlg new fm @ 6:45 PM 5/14/77.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 5/23/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT H DATE MAY 25 1977

CONDITIONS OF APPROVAL, IF ANY: