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NEW MEXICO OIL CONSERVATION COMMISSION

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AUG 9 1979

O. C. C.

ARTESIA, OFFICE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
647-349 647-351	
7. Unit Agreement Name	
Empire Abo Pressure Maintenance Project	
8. Farm or Lease Name	
Empire Abo Unit "F"	
9. Well No.	
391	
10. Field and Pool, or Wildcat	
Empire Abo	
12. County	
Eddy	

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator **ARCO Oil and Gas Company**
Division of Atlantic Richfield Company

3. Address of Operator
Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER G 1545 FEET FROM THE North LINE AND 1625 FEET FROM
THE East LINE, SECTION 35 TOWNSHIP 17S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3680.6' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <u>Core, Log, Run Prod Csg, Cmt & Test</u> <input checked="" type="checkbox"/>

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.

Reamed 7-7/8" hole to 11" hole 745-3010'. On 7/5/79 stopped drlg 7-7/8" hole to 5110' @ 7:25 AM. Spotted 25 sx C1 C cmt w/8% gel plug 3208-3115'. Ran 11" hole opener & reamed to 3010'. RIH w/ 8-5/8" OD 28# S-80 csg, Lynes pkr, DV tool & FC. Set csg @ 3010'. FC @ 2919'. DV tool @ 667'. Lynes pkr @ 670'. Cmt 8-5/8" OD csg in 2 stages. Stage #1 cmt w/825 sx Thik-set cmt w/1/4# flocele/sk, 12# gilsonite/sk, 2% CaCl followed by 150 sx C1 C cmt w/2% CaCl. Circ 220 sx cmt on 1st stage. Cmt 2nd stage w/250 sx Thik-set cmt w/2% CaCl. DV tool closed @ 7:15 PM. Circ 55 sx cmt on 2nd stage. Cmt circ to surf. WOC 18 hrs. DO DV tool & FC. Press tested csg to 1000# 30 mins OK. DO cmt plug 3115-3208'. Fin drlg 7-7/8" hole to core pt 6197' @ 11:15 AM 7/22/79. Core #1 Abo 6197-6217', cut & rec 20' core. Core #2 Abo 6218-6234', cut 17' core & rec 16', bbl jammed. Core #3 Abo 6234-44', cut 10', CB jammed. POH. Core #4 Abo 6244-6273', cut 29', rec 29'. Core #5 Abo 6273-6301', cut & rec 28'. Core #6 Abo 6301-6323', cut & rec 22'. Core #7 Abo 6323-6329', cored 6', CB jammed. Core #8 Abo 6329-6359', cut & rec 30'. Core #9 Abo 6359-6390', cut & rec 30'. Core #10 6390-6405', cut & rec 15'. Fin coring @ 5:30 PM 7/28/79. Fin drlg 7-7/8" hole to 6425' @ 2:45 AM 7/28/79. Ran GR DLL/RXO, GR-FDC, CNL w/caliper, GR Neutron 6425-3010'. RIH w/ 5 1/2" OD 15.5# K-55 csg, Model JB 2 stage tools, Lynes FCP pkr, FS. Csg set @ 6205'. FS @ 6205'. 1st stage tool set @ 6148', 2nd stage tool set @ 3001', pkr @ 6198'. Cmt 5 1/2" OD csg 1st stage w/ 500 sx H-Lite w/1/4# flocele, 5# gilsonite, 5# salt/sk followed by 350 sx 50/50 C1 C Poz w/2% gel & 5# salt/sk. Circ 125 sx cmt. Cmt 2nd stage w/225 sx Howco Lite w/2% CaCl followed by 200 sx C1 C cmt, 2% CaCl. Circ 25 sx cmt on 2nd stage to pit. PD @ 6:30 PM 7/29/79. (cont'd on back)

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

SIGNED SRK for L.D. CANE TITLE Dist. Drlg. Supt. DATE 8/8/79

APPROVED BY W. A. Gussitt TITLE SUPERVISOR, DISTRICT II DATE AUG 24 1979

CONDITIONS OF APPROVAL, IF ANY:

0 72 hrs. Dried SC @ 3001', pressure tested csg to 1500# 30 mins, OK. Dried SC @ 6148',
aged FS @ 6196'. Ran CBL OK.