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NEW MEXICO OIL & GAS COMMISSION

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

MAY 25 1977

O. C. C.

SUNDARY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN EXISTING WELLS TO A DIFFERENT RESERVOIR.
SEE APPLICATION FOR PERMIT TO DRILL OR REOPEN WELLS FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	5a. Indicate Type of Lease State ☒ Fee ☐
2. Name of Operator Atlantic Richfield Company	5. State Oil & Gas Lease No. B-8814-12
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	7. Unit Agreement Name Empire Abo Pressure Maintenance Project
4. Location of Well UNIT LETTER K 1370 FEET FROM THE South LINE AND 2445 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 18S RANGE 27E N.M.P.M.	6. Name of Lease Name Empire Abo Unit "K"
11. Elevation (Show whether DF, RT, GR, etc.) 3521' GL	9. Well No. 141
	10. Field and Pool, or Wildcat Empire Abo
	12. County Eddy

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 OPNS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOBS ☒
OTHER ☐	OTHER Log, Perforate, Acidize & Complete ☒

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.

Fin drlg 7-7/8" hole to 6203' TD @ 12:30 AM 4/25/77. Ran GR-N, Sonic, CNL/FDC, DLL/RXO & Caliper logs. RIH w/5 1/2" OD 14# K-55 ST&C csg, set @ 6203'. DV tool @ 4979'. Cmdt 5 1/2" csg 1st stage w/ 500 gal mud sweep, 300 sx 50/50 Pozmix Cl C cmt cont'g 2% gel, 8# salt/sk, .6% friction reducer & 5# gilsonite/sk. Plug down @ 3:15 PM 4/26/77. Op DV tool & circ 173 sx cmt to pit. Pmpd 2nd stage w/25 BFW, 1150 sx BJ Lite cont'g 8#/sk salt followed by 100 sx Cl C cmt cont'g 8# salt/sk. Had full returns. Rel top plug & resumed pmpg, had no returns. Final pump press 1000#. Closed tool w/2500#. Inst wellhead 4/27/77. WOC 48 hrs. WIH w/bit, drld out DV tool @ 4979'. Press tstd csg to 1500# 30 mins OK. PBD @ 6155'. Ran CBL 6155-1100', TOC @ 1130'. Perf'd Abo w/2 JSPP (68 - .45" holes) 5990-6024'. RIH w/Model F SN & Lok-set pkr on 2-3/8" OD J-55 tbq, set pkr @ 5919', btm tbq @ 5953'. Acidized perfs 5990-6024' w/500 gals 15% HCL-LSTNE acid cont'g iron sequestrant, flushed w/12 BLC. MP 950#, Min 500#, ISIP 600#, 2 mins vac. Swbd 10 hrs, rec 12 BLC & 22 BFW. 14 hr SITP 320#. Flwd Abo 5990-6024' 3 hrs, rec 3 BNO, 0 BW, FTP 30#, 64/64" ck. Rel pkr, POH w/pkr & tbq. Perf'd Abo @ 6100' w/4 - .45" holes. RIH w/5 1/2" pkr on 2-3/8" OD EUE J-55 tbq, set pkr @ 6056', btm tbq @ 6063'. Flwd perfs @ 6100' 6 hrs, rec 54 BO, 6 BW, 64/64" ck, FTP 50#. Acidized perfs @ 6100' w/500 gals lse crude, followed by 1000 gals HCL DAD acid w/xylene dispersant FE agent, followed by 500 gals lse crude flush. MP 1000#, Min 0#, ISIP vac. In 18 1/2 hrs flwd perfs @ 6100', 421 BO & 0 BW, gas not meas on 48/64" ck, FTP 130#. POH w/pkr & tbq. RIH w/Lok-set pkr & SN on 2-3/8" tbq, set pkr @ 5950', SN @ 5888', btm tbq @ 5985'. On 24 hr potential test 5/18/77 flwd 573 BO & 0 BW, 328 MCFG, 130# FTP, 48/64" ck, GOR 572:1.

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

WITNESSED BY 	TITLE Dist. Drlg. Supt.	DATE 5/23/77
APPROVED BY 	TITLE SUPERVISOR, DISTRICT H	DATE MAY 25 1977

CONDITIONS OF APPROVAL, IF ANY: