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NEW MEXICO OIL CONSERVATION COMMISSION

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

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AUG 4 1976

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR APPLICATIONS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - "A" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	O. C. C. ARTESIA, OFFICE
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 M 100 FEET FROM THE South LINE AND 100 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 18S RANGE 27E NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.) 3529.2' GR	

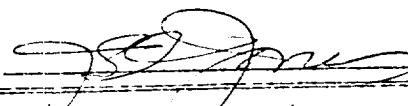
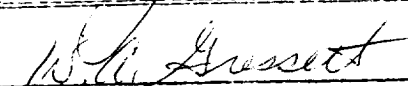
5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. E-5313
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "L"
9. Well No. 1 131
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPS. ☐ CASING TEST AND CEMENT JOBS ☒ Prod Csg OTHER Log, DST, 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 1703.

Finished drlg 7-7/8" hole to 6210' TD @ 5:00 AM 7/12/76. Ran GR Dual Laterolog w/RXO, GR-Neutron w/caliper, Micro Seismogram & Compensated Acoustic Velocity log. Ran DST #1, Abo 5621-46'. Open tool @ 11:05 AM w/weak blow & died, left tool open 55 mins w/no change. Closed tool & rel straddle DST tools. DST #2, Abo 5600-5625'. Opened tool @ 1:54 PM w/no blow. Closed tool @ 2:24 PM w/no change. Closed tool & rel straddle DST tools. DST #3, Abo 5705-5735'. Opened tool @ 4:25 PM w/no blow. Closed tool @ 4:55 PM w/no change in blow. Rel straddle DST tools & POH. Rec 35' drlg mud. Reran Compensated Acoustic Velocity Log. Ran 6210' 5 1/2" OD 14# K-55 ST&C csg w/FS & FC. DV tool @ 4024'. Set csg @ 6210'. FC @ 6165'. Cmdt 5 1/2" OD csg in 2 stages as follows: Stage #1, pmpd 12 bbls mud spacer & 25 BFW followed by 550 sx Cl C 50/50 Pozmix cont'g 2% gel, .8% D-31, 8# salt & 5# Gilsonite/sk. Bumped plug w/1500# @ 2:15 PM 7/15/76. Opened stage collar @ 4024' & circ out 150 sx cmt. Cmdt stage #2 @ 4024' w/25 BFW followed by 1225 sx BJ Lite cmt cont'g 8# salt/sk & 100 sx Cl C cont'g 8# salt/sk. Bumped plug & closed stage collar @ 4024' w/2100# @ 10:15 PM 7/15/76. Circ 176 sx cmt. Completed nipping up well head 7/16/76. WOC 72 hrs. WIH w/bit & drld cmt & stage collar @ 4024' & RIH to PBD @ 6113'. Press tested csg to 1500# for 30 mins, OK. POH w/bit. Ran GR PFC log. Perf'd Abo 5786-5806' w/41 - .44" holes. RIH w/1 jt 2-3/8 J-55 tail pipe, Lok-set pkr, on-off tool w/1.81 profile, 1 jt 2-3/8" J-55 tbq, Model "F" SN w/1.81 profile & 181 jts 2-3/8" OD EUE tbq, set pkr @ 5668', btm of tbq @ 5703', connected tbq head on 7/22/76. Trtd Abo perfs 5786-5806' w/3000 gals 15% HCL-LSTNE acid cont'g iron sequestrant. Flushed w/12 BLC, MP 2500#, Min 2166#, ISIP 400#, vac in 1/2 min. Swbd 5 hrs, rec 12 BLO, 12 BNO & (cont'd on attached Page 2)

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

SIGNED 	TITLE Dist. Drlg. Supv.	DATE 7/27/76
APPROVED BY 	TITLE SUPERVISOR, DISTRICT II	DATE AUG 5 1976
CONDITIONS OF APPROVAL, IF ANY:		

Form C-103
Empire Abo Unit "L" #131
7/27/76

Page 2

26 BLW w/good show of gas. Well shut in $14\frac{1}{2}$ hrs, CTP 380#, CP 0#. Swbd 3 hrs, rec 50 BNO & 20 BLW, scattered w/gas to SN. Well kicked off flwg. On 24 hr potential test 7/24/76 flwd Abo perfs 5786-5806', 693 BO, 0 BW & 266 MCFG on 48/64" ck, FTP 160#, GOR 628:1. Final Report.

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JUL 13 1976

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 ☒ Fee ☐
5. State Oil & Gas Lease No.	E-5313

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

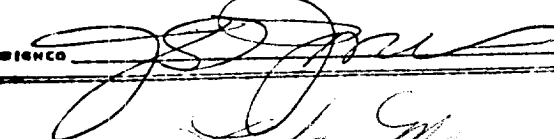
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2. Name of Operator Atlantic Richfield Company	8. Farm or Lease Name Empire Abo Unit "L"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 131
4. Location of Well UNIT LETTER M 100 FEET FROM THE South LINE AND 100 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 18S RANGE 27E NMPM.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3529.2' GR	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 JOB ☒
OTHER ☐	OTHER ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
CHANGE PLANS ☐	PLUG AND ABANDONMENT ☐
	Surface Casing ☐

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 @ 9:00 AM 6/26/76. Finished drlg 11" hole @ 4:45 AM 6/28/76. Lost circ @ 110' & drld to 1000' w/o returns. Ran 24 jts 8-5/8" OD 24# K-55 ST&C csg, set @ 1000'. FC set @ 913'. Cmt basket set @ 90' & 170'. Cmt 8-5/8" OD csg w/300 sx Cl C cont'g 4% gel, 2% CaCl, 6# salt, 5# Gilsomite & 1/4# Celloflake/sk followed by 100 sx Cl C cont'g 2% CaCl & 6# salt/sk. PD @ 11:15 AM 6/28/76. Cmt circ to surface. WOC 12 hrs. Drld out FC & 85' cmt to FS. Pressure tested csg to 1000# for 30 mins, OK. Drlg 7-7/8" OH.

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

SIGNED 	TITLE Dist. Drlg. Supv.	DATE 7/12/76
APPROVED BY 	TITLE OIL AND GAS INSPECTOR	DATE JUL 13 1976
CONDITIONS OF APPROVAL, IF ANY:		