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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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NOV 5 1975

Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-11594	

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.)

O. C. C.

ARTESIA, OFFICE

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Atlantic Richfield Company		8. Farm or Lease Name Empire Abo Unit "I"	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 231	
4. Location of Well UNIT LETTER <u>B</u> <u>1260</u> FEET FROM THE <u>North</u> LINE AND <u>1580</u> FEET FROM THE <u>East</u> LINE, SECTION <u>6</u> TOWNSHIP <u>18S</u> RANGE <u>28E</u> NMPM.		10. Field and Pool, or Wildcat Empire Abo	
15. Elevation (Show whether DF, RT, GR, etc.) 3670.7' 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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <u>DST, log, run 5 1/2" csg & cmt perf & acidize</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.

Reached 5890' @ 5 AM 9/18/75. DST #1 5865-5890'. Tool opened @ 3:15 AM 9/19/75, GTS @ 3:20 AM, oil to surf @ 3:40 AM, flowing well @ 7:00 AM. Rec 65 BO, 165 MCFG & 0 BW. GOR 2538:1. FARO 624 BOPD & 1585 MCFGPD. FP 245#, 1" ck, IHP 4000#. IFP 853#, FFP 1640#, FHP 3948#, BHT 106°. Drld ahead, reached 5940' @ 1:45 AM 9/20/75. DST #2 5915-5940'. Opened tool w/strong blow. GTS @ 11:24 AM & oil to surf @ 11:30 AM. Tested 1 hr, flwd 34 BO & 10.77 MCFG, FARO 816 BOPD, 259 MCFGPD & 0 BW. GOR 317:1. Closed tool, rev 20 BO to pit, IHP 2841#, IFP 671#, FFP 1232#, FHP 2791#, BHT 109° F. Drld ahead, reached TD 6261' @ 5:30 AM 9/22/75. Ran GR-Neutron log 6250-4250', GR-Dual Laterolog w/RXO 6250-4250' & caliper to surface casing. Ran 151 jts 5 1/2" OD 15.5# K-55 csg w/FS, FC & DV tool. Csg set @ 6261', FC @ 6223' & DV tool @ 4242'. Cmtd 1st stage w/ 500 sx 50/50 Pozmix w/2% gel, 8# salt/sk. Pumped plug down w/1300# @ 10:00 AM 9/23/75. Opened DV tool @ 4242' & circ 65 sx to pit. Circ 6 hrs. 2nd stage cmtd w/575 sx HLW w/8# salt/sk, followed by 100 sx Cl C w/8# salt/sk. Circ 50 sx to pit. Plug bumped @ 5 PM 9/23/75 w/2500#. WOC 168 hrs. Drld DV tool @ 4242' & ran bit to 6222' PBD. Pressure tstd csg to 1000# 30 mins, tstd OK. Ran Gamma Ray Correlation log 6222-5200'. Perf'd Abo 6125-6145' w/2 JSPF (41 - .46"). RIH w/196 jts 2-3/8" EUE 8R tbg, Lok-set pkr w/on-off tool & 1 jt 2-3/8" tailpipe. Set pkr @ 6029'. Acidized Abo perfs 6125-6145' w/6000 gals 15% HCL-LSTNE acid cont'g iron sequestrant. MP 3700#, Min 3100#, ISIP 2300#, 11 mins vacuum. Swabbed Abo 6125-45' 5 hrs, rec 24 BLO, 9 BNO & 62 BLW. 13 hr SITP 400#, CP 0#. Opened valve, flwd 5 mins & died. Swbd Abo perfs 6125-45' 9 hrs, rec 63 BNO & 47 BLW. Acidized perfs 6125-45' w/6000 gals (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 <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supv.</u>	DATE <u>11/3/75</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR DISTRICT II</u>	DATE <u>NOV 6 1975</u>
CONDITIONS OF APPROVAL, IF ANY:		

C-103

Empire Abo Unit #I-231

November 3, 1975

Page 2

50/50 15% HCL-LSTNE DAD acid w/iron stabilizer. MP 3600#, Min 2350#, ISIP 2250#, 12 mins vac. Swbd 6 hrs, rec 12 BLO, 37 BNO & 47 BLW. 16½ hr SITP 0#. On 10/28/75 POH w/Lok-set pkr & tbg. Perforated additional Abo 6109-6120' w/2 JSPF (24 - .48" holes). RIH w/Lok-set pkr, 196 jts 2-3/8" OD EUE tbg & 1 jt of 2-3/8" OD EUE tailpipe. Set pkr @ 6029'. Treated Abo perfs 6109-20' & 6125-6145' w/6000 gals 15% HCL-LSTNE acid cont'g iron sequestrant w/300# benzoic acid flakes in 1st 200 gal, followed by 2000 gal 50/50 DAD acid & flushed w/12 BLO. MP 4100#, Min 3700#, ISIP vac. 18 hr SITP vac. Swbd 1 hr, made 12 BLO, started flwg. Flwd 23 hrs, made 494 BNO & 172 BLW. On 24 hr potential test 11/2/75 well flwd from Abo perfs 6109-20' & 6125-45', 789 BO, 0 BW & 344 MCFG on 48/64" ck, FTP 140#, GOR 436:1. Final Report.