

N. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

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

RECEIVED

SEP - 5 1978

1. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
2. State Oil & Gas Lease No.	B-3823-1

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.)

D.C.C.  
ARTERIA, OFFICE

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit, Agreement Name Empire Abo Pressure Maintenance Project
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. 273
4. Location of Well UNIT LETTER <u>B</u> <u>1300</u> FEET FROM THE <u>North</u> LINE AND <u>1595</u> FEET FROM THE <u>East</u> LINE, SECTION <u>5</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.) 3651.3' GR	12. County Eddy

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 JOB <input checked="" type="checkbox"/> Production	
		OTHER <u>Run Directional Survey, Log, Perf, Cmt</u> <input checked="" type="checkbox"/>	
		Squeeze, Perf, Treat & 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.

On 6/1/78 ran directional survey, multishot, horiz disp = 99.06' @ N13° 55W (true) @ 4458'. Fin drlg 7-7/8" hole to 6357' TD @ 5:15 PM 6/6/78. Ran CNL-FDF, GR-N, Sonic-VDL, DLL, RXO logs. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6351'. DV tool @ 3034'. Cmt'd csg in 2 stages. 1st stage cmt'd 5-1/2" OD csg w/100 bbls 2% KCL w/surfactant, 12 bbl mud sweep, 425 sx BJ Lite cmt cont'g 8# salt & 15# sd/sk, 200 sx Sure-fill C1 C cont'g 2% CaCl. PD @ 11:45 AM 6/8/78. Circ 93 sx to pit. Cmt'd 2nd stage w/10 bbls preflush, 675 sx BJ Lite cmt cont'g 8# salt/sk followed by 100 sx C1 C cont'g 6# salt/sk & 2% CaCl. PD @ 4:00 PM 4/8/78. WOC 48 hrs. RIH w/bit, drld DV tool @ 3034'. Press tstd csg to 1600# 30 mins OK. Displ hole w/2% KCL TW, spotted 150 gals 20% acetic acid 6260-6140', ran CBL. OK. Perf'd 5-1/2" OD csg opposite Abo @ 6249-6259' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OD tbg, set pkr @ 6159'. Tbg OE @ 6195'. Trtd perfs 6249-6259' w/300 gals 15% NE acid, 500 gals 10# CaCl wtr, 500 gals LC, 1500 gals 60/40 DAD, flushed w/18 BLC. In 9 hrs swbd 1 BO & 75 BW. SITP 40#. Rel pkr & POH w/pkr & tbg. RIH w/cmt retr, set @ 6230'. SQ perfs 6249-6259' w/150 sx LWL cmt, 2% CaCl & 75 sx C1 C cont'g 2% CaCl. RO 84 sx. WOC 24 hrs. Press tstd SQ job to 1000# 30 mins OK. Perf'd 5-1/2" csg 6200-6210' w/2 JSPF. RIH w/Lok-set pkr set @ 6160', tbg OE @ 6164'. Spotted 700 gals 15% NE-HCL acid 6200-6210'. Pmpd 18 BLC, on vac in 3 mins. In 8 hrs swbd 29 BO & 15 BLW. 14 hr SITP 125#. Trtd perfs 6200-6210' w/1000 gals 10# CaCl wtr, 1000 gal LC, 2000 gal 60/40 15% acid/xylene, followed by 1000 gal 140° wtr, flushed w/22 BO. In 9 hrs swbd 31 BLO & 12 BLW. In 10 hrs swbd 30 BO & 9 BW. Trtd perfs 6200-6210' w/1000 gal LC, 3000 gal 15% HCL-NE acid, flushed w/22 BLC. (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 W. A. Grenett TITLE Dist. Drlg. Supt. DATE 8/31/78

APPROVED BY W. A. Grenett TITLE SUPERVISOR, DISTRICT II DATE SEP - 6 1978

CONDITIONS OF APPROVAL, IF ANY: