

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

FEB 6 1976

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2029	

SUNDARY NOTICES AND REPORTS ON WELLS

O. C. C.

ARTESIA OFFICE

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

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator Atlantic Richfield Company		8. Farm or Lease Name Empire Abo Unit "H"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 21
4. Location of Well UNIT LETTER <u>M</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>31</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.		10. Field and Pool, or Wildcat Empire Abo
11. Elevation (Show whether DF, RT, GR, etc.) 3673' RDB		12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

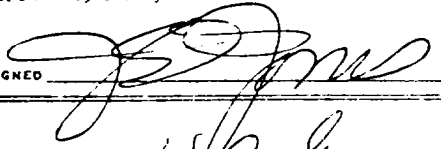

SUBSEQUENT REPORT OF:

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 CPNS. <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"/>	Convert to Gas Injection <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 11603.

On 1/26/76 rigged up, killed well & installed BOP. Ran 4-3/4" bit & csg scraper to 6000' PBD. POH w/bit & scraper. Ran GR-CL log 6000-5000'. RIH w/4 1/2" cmt retr, set @ 5910'. Squeezed Abo perfs 5976-90' w/100 sx LWL cmt followed by 75 sx Cl C cont'g 8# sd/sk. MP 2700#. Pulled out of retr & RO 5 sx cmt to pit. Reset tbg @ 5866' & tested csg to 1500#. Spotted 10% acetic acid 5866-5719'. POH w/stinger on 2-7/8" tbg. Installed high pressure wellhead. Perforated Abo fm 5826-30' & 5840-66' w/1 JSPF (32 - .48" holes). RIH w/1 jt 2-3/8" OD EUE plastic lined tbg, Baker PL Lok-set pkr & PL ER receptacle w/1.81" profile on 186 jts 2-3/8" OD EUE plastic lined tbg. Circ hole w/2% KCL wtr. Set pkr @ 5750'. Acidized Abo perfs 5826-66' w/5000 gals 15% HCL-LSTNE acid w/inhibitors & using ball sealers, no ball action. MP 3750#, Min 3000#, ATP 3000# @ 5.5 BPM, ISIP 1000#, 8 mins vac. Swabbed Abo 5826-66' 4 hrs, rec 12 BLO, 8 BNO & 106 BLW, good show of gas. 15 hr SITP 350#. Swabbed & cleaned up well. Final flow rate 3 1/2 BPH, 25% wtr. FTP 25#, ck WO. GOR 1200:1. Filled 4 1/2" X 2-3/8" annulus w/treated fresh water. Installed pressure gauge on csg-tbg annulus. Connected up wellhead for gas injection. Converted to gas injection well eff 2/1/76. Final Report.

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

SIGNED 	TITLE <u>Dist. Drlg. Supv.</u>	DATE <u>2/4/76</u>
APPROVED BY 	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>FEB 6 1976</u>
CONDITIONS OF APPROVAL, IF ANY:		