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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name W.B. Guthrie WN	
2. Name of Operator Atlantic Richfield Company		9. Well No. 2	
3. Address of Operator P. O. Box 1978, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Jalmat-Yates	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>34</u> TWP. <u>23-S</u> RSE. <u>36-E</u> NMPM		11. County Lea	
19. Proposed Depth 3450'		19A. Formation Yates	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) To be reported	
21A. Kind & Status Plug. Bond Bond #8 GCA		21B. Drilling Contractor Not selected	
22. Approx. Date Work will start 3/25/73			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	400'	Circulate to surface	
7-7/8"	4-1/2"	10.5#	3450'	300 sx	2600'

We propose to drill a well as outlined above to test the producing capabilities of the Jalmat Yates Gas zone. Two ram hydraulic BOP's will be used on the 8-5/8" casing string. This well will serve as a replacement well for the W. B. Guthrie WN #1.

APPROVAL VALID
FOR 90 DAYS UNLESS
FILING COMPLETED,

EXPIRY DATE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed L.D. Dutcher Title Dist. Drlg. Supervisor Date 3/7/73

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

No allowable will be assigned for this well in the Jalmat Gas Pool until approval is obtained for the non-standard unit shown on Form C-102.