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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease: STATE [X] FEE [ ]

5. State Oil & Gas Lease No.: A 2614

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. Unit Agreement Name:

8. Farm or Lease Name: McDonald State WN

2. Name of Operator: Atlantic Richfield Company

9. Well No.: 24

3. Address of Operator: P. O. Box 1710, Hobbs, New Mexico

10. Field and Pool, or Wildcat: Jalmat

4. Location of Well: UNIT LETTER E LOCATED 1780 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 25 TWP. 22S RGE. 36E NMPM

12. County: Lea

19. Proposed Depth: 3580'

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: 2/4/74

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	7-5/8	26.4	400	Circ to surface	
6-1/4	4-1/2	9.5	3600	300 sx	2500

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 7-5/8" csg string.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 4-28-74

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 La Ray Knott Title Drilling Engineer Date 1/25/74

(This space for State Use)

PROVED BY _____ TITLE _____ DATE _____

DITIONS OF APPROVAL, IF ANY: