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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 checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Cooper WN	
2. Name of Operator Atlantic Richfield Company		9. Well No. 3	
3. Address of Operator P. O. Box 1978, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Jalmat/Langlie Mattix	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>12</u> TWP. <u>24-S</u> RGE. <u>36-E</u> NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) To be reported		19. Proposed Depth 3750'	19A. Formation Yates, 7R, Q
21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Leatherwood Drlg. Co.	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 3/29/73			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.30#	400	300 sx - circ to surface	
8-3/4"	7"	23#	3750	500 sx	2500'

We propose to drill a well as outlined above to test the producing capabilities of the Jalmat Yates Gas zone and the Langlie-Mattix oil zone. Two ram hydraulic BOP's will be used on the 9-5/8" casing string. A string of 2-7/8" tubing w/packer at about 3500' will be used to produce the Langlie Mattix and the Jalmat will be produced through the 2-7/8" x 7" annulus.

**APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,**

EXPIRES 6/24/73

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 D.C. Litcher Title Dist. Drlg. Supervisor Date 3/23/73

(This space for State Use)

APPROVED BY Leslie A. Clement TITLE INSPECTOR DATE 3/23/73

CONDITIONS OF APPROVAL, IF ANY: No allowable will be assigned this well in the Jalmat Gas Pool until approval is obtained for the non-standard proration unit outlined on Form C-102.