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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name W. C. Roach	
2. Name of Operator Atlantic Richfield Company		9. Well No. 5	
3. Address of Operator P. O. Box 1978, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Eunice-Monument Grayburg/San Andres	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>21</u> TWP. <u>20-S</u> RGE. <u>37-E</u> NMPM		12. County Lea	
19. Proposed Depth 3820'		19A. Formation Grayburg/SA	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) To be reported	
21A. Kind & Status Plug. Bond GCA #8		21B. Drilling Contractor Leatherwood	
22. Approx. Date Work will start 5/1/73			

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	300 sx	Circulate
7-7/8"	4-1/2"	9.5#	3820	500 sx	2500'

We propose to drill a well as outlined above to test the producing capabilities of the Grayburg-San Andres formations. Two ram hydraulic BOP's will be used on the 8-5/8" casing string. The well will be produced through 2-3/8" tubing landed at approximately 3750'.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES

7/25/73

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 O. L. Litcher Title Dist. Drlg. Supervisor Date 4-24-73

(This space for State Use)

APPROVED BY Jessie A. Clement TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: