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AUG 13 1984
O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Petrus Operating Company, Inc. 3. Address of Operator 12201 Merit Drive, Suite 900 4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 11 TWP. 8 - S RGE. 29 - E NMPM		7. Unit Agreement Name 8. Farm or Lease Name O'Brien 9. Well No. 1 10. Field and Pool, or Wildcat Wildcat-San Andres 12. County Chaves	
21. Elevations (Show whether DF, RT, etc.) 4045' G.L.		19. Proposed Depth 3,700 19A. Formation San Andres 20. Rotary or C.T. Rotary	
21A. Kind & Status Plug. Bond \$5000 one-well bond		21B. Drilling Contractor Not available 22. Approx. Date Work will start 9-15-84	

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	500'	450 sx	Surface
7-7/8"	4-1/2"	10.5	3200'	400 sx	1000'

Drilling to use conventional mud and rotary drilling methods. Completion to be conventional perforation and treatment. Sketch of type blowout preventor attached.

APPROVAL VALID FOR 180 DAYS
EXPIRES 3-14-85
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODU-
IVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.
hereby certify that the information above is true and complete to the best of my knowledge and belief.
Signed C. L. Hardy Title Drilling & Production Manager Date 8-8-84
(This space for State Use)

Original Signed By Mike Williams TITLE Oil & Gas Inspector
APPROVED BY DATE SEP 14 1984
CONDITIONS OF APPROVAL, IF ANY