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NEW MEXICO OIL CONSERVATION COMMISSION

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SEP 3 1975

O. C. C.  
ARTESIA, OFFICE

30-615-21396

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.
7. Unit Agreement Name
8. Farm or Lease Name <b>Henri Grandi</b>
9. Well No. <b>1</b>
10. Field and Pool, or Wildcat <b>Undesignated Wolfcamp</b>
12. County <b>Eddy</b>
19. Proposed Depth <b>PBTD 9300</b>
19A. Formation <b>Wolfcamp</b>
20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) <b>3084.7 Gr</b>
21A. Kind & Status Plug. Bond <b>Statewide-Active</b>
21B. Drilling Contractor
22. Approx. Date Work will start <b>Aug. 18, 1975</b>

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator <b>Apexco, Inc.</b>
3. Address of Operator <b>1121 First Place, Tulsa, Oklahoma 74103</b>
4. Location of Well UNIT LETTER <b>K</b> LOCATED <b>1980</b> FEET FROM THE <b>West</b> LINE AND <b>1880</b> FEET FROM THE <b>South</b> LINE OF SEC. <b>26</b> TWP. <b>22S</b> RGE. <b>27E</b> NMPM
12. County <b>Eddy</b>
19. Proposed Depth <b>PBTD 9300</b>
19A. Formation <b>Wolfcamp</b>
20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) <b>3084.7 Gr</b>
21A. Kind & Status Plug. Bond <b>Statewide-Active</b>
21B. Drilling Contractor
22. Approx. Date Work will start <b>Aug. 18, 1975</b>

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	12-3/4"	40#	400	to circ	surface
11 1/2"	9-5/8"	36# & 40#	4,600	635	surface
8-3/4"	4-1/2"	11.6# & 15.1# & 16.6#	12,400 PBTD 9300	700	10,125

Morrow Zone proved to be a high pressure low volume reservoir and has never produced at its expected capabilities. The Wolfcamp section has porosities from 12% to 21% and low water saturations from 13% to 23%, the Wolfcamp is not being produced in the area at this time.

Wolfcamp zone 9144-90

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 [Signature] Title **Petroleum Engineer** Date **Aug. 28, 1975**

(This space for State Use)

APPROVED BY W.A. Gressett TITLE **SUPERVISOR, DISTRICT II** DATE **SEP 5 1975**

CONDITIONS OF APPROVAL, IF ANY:

4 1/2" casing must be cemented in accordance w/ Rule 107