

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
<b>E-9202</b>	

## 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 type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name <b>Superior - State</b>	
2. Name of Operator <b>Hanagan Petroleum Corporation</b>		9. Well No. <b>1-4</b>	
3. Address of Operator <b>P. O. Box 1737, Roswell, New Mexico</b>		10. Field and Pool, or Wildcat <b>Wildcat</b>	
4. Location of Well UNIT LETTER <b>L</b> LOCATED <b>1980</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>2</b> TWP. <b>18-S</b> RGE. <b>35-E</b> NMPM		12. County <b>Lea</b>	
19. Proposed Depth <b>12,500'</b>		19A. Formation <b>Devonian</b>	
20. Rotary or C.T. <b>Rotary</b>		21. Elevations (Show whether DF, RT, etc.) <b>3907 G.L.</b>	
21A. Kind & Status Plug. Bond <b>Blanket-filed Santa Fe</b>		21B. Drilling Contractor <b>Lowe Drilling Co.</b>	
22. Approx. Date Work will start <b>5/10/65</b>			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	44#Spiral Weld	350'	400	Circulated
12 1/4"	9 5/8"	28.5#Spiral Weld	3600'	200	2800' (above Bx)
8 3/4"	5 1/2" or 7"	17, 20, 23# N-80	12,500'	400	8000' B. Spring
		23, 26, 29# 32 N-80	12,500'	300	8000' B. Spring

(Production csg. graduated string)

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 Hugh E. Hanagan Title Vice President Date 5/3/65  
(This space for State Use)

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Must file back