

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

APR 4 - 1974

30-015-21166
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. K-4193	
7. Unit Agreement Name -----	
8. Farm or Lease Name Ocotillo Hills	
9. Well No. 1	
10. Field and Pool, or Wildcat Undesignated	
12. County Eddy	
19. Proposed Depth 11,300'	19A. Formation Morrow
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3268 GR	22. Approx. Date Work will start 3/30/74

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator HANAGAN PETROLEUM CORPORATION	
3. Address of Operator P. O. Box 1737, Roswell, New Mexico 88201	
4. Location of Well UNIT LETTER F LOCATED 1650 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE OF SEC. 21 TWP. 21S RGE. 26E NMPM	
21. Elevations (Show whether DF, RT, etc.) 3268 GR	
21A. Kind & Status Plug. Bond Statewide-Santa Fe	
21B. Drilling Contractor Moranco	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	250	Circ.	
14-3/4" & 12-1/2"	9-5/8"	36 & 47#	2600	Circ.	
8-1/2"	5-1/2"	17 & 20#	11300	400	

Plan to use 10" - 1500 Series BOP & Hydril. Flow sensor, pit leveller & gas separator will be installed @ top Wolfcamp (approx. 8300'), yellow jacket will be run at this time also. Plan drill with fresh water & native mud to 8300', at which time will mud up w/fresh water low solids mud w/9.2 to 9.5# weight maintained.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 7-8-74

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 Robert P. Hanagan Title President Date 4/1/74
(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE APR 8 1974

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 16" 49 7/8" casing

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 9 5/8" casing