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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65 30.015.24372

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JAN 06 1983

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
647

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

1a. Type of Work		ARTESIA, OFFICE		7. Unit Agreement Name	
b. Type of Well		O. C. D.		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				GAO Empire State	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		9. Well No.	
2. Name of Operator				1	
General American Oil Company of Texas ✓				10. Field and Pool, or Wildcat	
3. Address of Operator				Wildcat-Penn	
P. O. Box 128 Loco Hills, New Mexico 88255				Unit Agreement	
4. Location of Well				12. County	
UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE				Eddy	
AND 990 FEET FROM THE East LINE OF SEC. 6 TWP. 18-S RGE. 28-E NMPM					
		19. Proposed Depth		19A. Formation	
		10,400'		Chester	
				20. Rotary or C.T.	
				Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
3644.5 GL		Blanket		T.B.D.	
				22. Approx. Date Work will start	
				March 1, 1983	

### 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"	48#	400'	400	Circulate
12-1/4"	8-5/8"	32#	2800'	1050	Circulate
7-7/8"	5-1/2"	15.5#	10,400'		600 ft. above production zone

Well will be drilled to test the Morrow Sands.

BOP Program: See attached diagram will be used from 400' to T.D. and tested weekly to insure proper working conditions.

Mud Program:	0' - 400'	Spud Mud	8.6 - 9.0#	32-34 Vis	No W/L
	400' - 2800'	Salt Water	9.8 - 10.0#	28-30 Vis	No W/L
	2800' - 8200'	Salt Water	9.0 - 9.2#	28-30 Vis	No W/L
	8200' - 10400'	Salt Gel	9.2 - 9.6#	33-34 Vis	5-10 W/L

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 7-7-83  
UNLESS DRILLING UNDERWAY

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 Randell N. Hawkins Title Field Superintendent Date January 4, 1983

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JAN 6 1983

CONDITIONS OF APPROVAL, IF ANY:

Posted a log  
9-14-83  
1-14-83