

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

NEW MEXICO CONSERVATION COMMISSION

DEC 6 1977

G. C. C.  
ARTESIA, OFFICE

30-015-22374

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
6. State or F.A. Lease No.	
L-490	
7. Unit Agreement Date	
8. Term of Lease Date	
Mobil 21 State	
9. Well No.	
1	
10. Field and Loc. or District	
S. Carlsbad <i>nonow</i>	
11. County	
Eddy	
16. Proposed Depth	19A. Formation
12,500	Morrow
20. Rotary or C.T.	
Rotary	
1. Elevations (Show whether D.F., R.T., etc.)	21. Approx. Date Work will start
3149.2' GL	December 15, 1977

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐

c. Name of Operator Harvey E. Yates Company ✓

d. Address of Operator P. O. Box 1933, Roswell, N. M. 88201

e. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE

NO. 1980 FEET FROM THE West LINE OF SEC. 21 TWP. 23S RGE. 27E NMPM

1. Elevations (Show whether D.F., R.T., etc.) 3149.2' GL

21A. Ring Cement Plug, Bond 50000.00 *Charles*

21B. Lining Contractor Nationwide Company tools, Moranco

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CAS NG	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	375'	W/400 Sx	Circulate
12 1/2"	9 5/8"	36#	5600'	W/2900 Sx	Circulate
7 7/8"	5 1/2" Liner	20#	12,300'	W/1600 Sx	Circ. behind liner
OR					
7 7/8"	5 1/2"	17#, 20#	12,300'	W/1000 Sx	Sufficient to cover Wolfcamp at 7500'

Harvey E. Yates Company proposes to move on company cable tools and drill to approximately 375' and set surface casing and continue drilling until Moranco rotary rig becomes available. With Moranco's rig we will drill to a TD of approximately 12,300'. If well is productive, we will hang a 5 1/2" liner from the intermediate casing thru producing zone.

*Gas is not dedicated*

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 3-8-78

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 *André Yates* Title Vice President Date December 5, 1977

(This space for State Use)

APPROVED BY *W.A. Gussert* TITLE SUPERVISOR, DISTRICT II DATE DEC 6 1977

CONDITIONS OF APPROVAL, IF ANY: