

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form 7-101
Revised 1-1-67

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FILE <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-2735

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Firm or Lease Name	
2. Name of Operator Harvey E. Yates Company, Inc.		Mobil State 27 <i>Dal</i>	
3. Address of Operator Suite 1000 Security National Bank Bldg., Roswell, New Mexico		9. Well No. 1	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>000</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>27</u> TWP. <u>18S</u> RGE. <u>35E</u> NMPM		10. Field and Pool, or Wildcat Undesignated Queen	
11. County Lea		12. County Lea	
19. Proposed Depth 5000'		19A. Formation Queen, Penrose	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3900' GL	
21A. Kind & Status Plug. Bond Nationwide		21B. Drilling Contractor WEK Drilling Co., Inc.	
22. Approx. Date Work will start June 20, 1977			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	400'	200 Sx	Circulate
7 7/8"	4 1/2"	10.5#	5000'	875 Sx	See below

Cement program for production string:

1st stage - from T.D. (5000') to bottom of salt formation (3000') with 550 Sx of 50-50 Pos Class "C" w/6# Salt, 1/2 of 1% CFR2 and 1/4# Flocele/Sx.

2nd stage - DV tool @ 1800' (base of anhydrite) and 2 cement baskets below DV tool. Cement back to surface with 325 Sx Halliburton Lite w/9# Salt and 1/4# Flocele/Sx.

900 Series, 10", Schaeffer Type E, Blowout Preventer will be used.

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 _____ Title Vice President Date May 23, 1977

(This space for State Use)

SUPERVISOR DISTRICT I

MAY 25 1977

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 2 1977

OIL CONSERVATION COMM.
HOBBS, N. M.