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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Fee "23"
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Queen
12. County Lea
19. Proposed Depth 5000'
19A. Formation Queen, Penrose
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3861'
21A. Kind & Status Plug. Bond Nationwide
21B. Drilling Contractor WEK Drilling Co., Inc.
22. Approx. Date Work will start June 30, 1977

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	2. Name of Operator Harvey E. Yates Company, Inc.	3. Address of Operator Suite 1000 Security National Bank Bldg., Roswell, N.M.	4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 23 TWP. 18S RGE. 35E NMPM
23.			

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 Preventor 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 Paul L. Yates Title Vice President Date May 23, 1977

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE May 25 1977

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

OCT 24 1977

U.S. SENATE COMM.
H. M.