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**RECEIVED**  
 NEW MEXICO OIL CONSERVATION COMMISSION  
**MAY 12 1978**  
**O. C. C.**  
**ARTESIA, OFFICE**

30-015-22545  
 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. L - 490	
7. Unit Agreement Name	
8. Farm or Lease Name Mobil 21 State	
9. Well No. 2	
10. Field and Pool, or Wildcat Und. S. Carlsbad Morrow	
12. County Eddy	
19. Proposed Depth 12,400	19A. Formation Morrow
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3162.4 GL	22. Approx. Date Work will start 5/25/78

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"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Harvey E. Yates Company	
3. Address of Operator Post Office Box 1933, Roswell, New Mexico 88201	
4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE West LINE AND 1980 FEET FROM THE South LINE OF SEC. 21 TWP. 23 S RGE. 27 E NMPM	
21. Kind & Status Plug. Bond 50,000 Blanket	
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
17 1/2"	13 3/8"	48#	375'	w/400 sx	Circulate
12 1/2"	9 5/8"	36#, 40#	5,600'	w/2900 sx	Circulate
8 3/4"	5 1/2"	17#, 20#	12,400'	w/1600 sx	Sufficient to cover pay

Gas is dedicated to Llano

*BOP attachment*

APPROVAL VALID  
 FOR 90 DAYS UNLESS  
 DRILLING COMMENCED  
 EXPIRES 8-15-78

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 Jack Yates Title Vice President Date May 11, 1978  
 (This space for State Use)

APPROVED BY W. G. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAY 15 1978  
 CONDITIONS OF APPROVAL, IF ANY: