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NEW MEXICO CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

O.C.C.

~~SECRET~~ AMENDED APPLICATION TO DRILL

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-7596	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>		Empire South Deep Unit	
2. Name of Operator		8. Farm or Lease Name	
Harvey E. Yates Company, Inc., Agent for Amoco Prod. Co. Unit Operator			
3. Address of Operator		9. Well No.	
Suite 1000 Security National Bank Bldg., Roswell, N.M. 88201		13	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER N LOCATED 1432 FEET FROM THE West LINE		Undesignated - South	
AND 660 FEET FROM THE South LINE OF SEC. 30 TWP. 17S RGE. 29E NMPM		Empire Morrow	
		12. County	
		Eddy	
		19. Proposed Depth	
		11,000'	
		19A. Formation	
		Morrow	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	
3646.0 GL		Nationwide	
		21B. Drilling Contractor	
		Moranco	
		22. Approx. Date Work will start	
		1-15-77	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	12 3/4"	34#	450'	300 Sx Circ	
12 1/4" - 11"	8 5/8"	32#, 24#	2900'	300 Sx	1500'
7 7/8"	5 1/2"	17#, 20#	11,000'	1000 Sx	

This acreage is not dedicated to a gas purchaser.

POSTED  
ID-1  
Amended Location  
2-4-77

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 4-30-77

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 Harvey E. Yates Title Vice President Date 1-18-77

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 31 1977

CONDITIONS OF APPROVAL, IF ANY:

Subject to Case 5846 2-16-77