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NEW MEXICO OIL CONSERVATION COMMISSION

AMENDED APPLICATION

30-005-61152
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.
STA-NM-LG-566-1

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"/>	7. Unit Agreement Name	N/A
b. Type of Well	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	8. Farm or Lease Name	Grynberg 16 State
2. Name of Operator	VIKING PETROLEUM, INC. ✓	9. Well No.	4
3. Address of Operator	1050 17th Street - Suite 1950, Denver, CO 80265	10. Field and Pool, or Wildcat	Undesignated ABO
4. Location of Well	UNIT LETTER G LOCATED 1980' FEET FROM THE North LINE	12. County	Chaves
	AND 1980' FEET FROM THE East LINE OF SEC. 16 TWP. 5S RGE. 24E NMPM		
		19. Proposed Depth	4200
		19A. Formation	ABO
		20. Rotary or C.T.	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
4009.5' GR	Current Blanket	Stewart Brothers	December 20, 1981

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-1/2"	10-3/4"	40.5#	900'	good returns to surface	
7-7/8"	4-1/2"	9.5#	4200'	500' above top of pay	

Proposed Program:

1. Drill 13-1/2' hole to 900'. Run 10-3/4" surface casing.
2. Drill 7-7/8' hole to 4200', checking B.O.P. daily
3. Run tests and logs as needed.
4. Run 4-1/2" Production Casing if warranted.
5. Perforate and stimulate as needed.

In the event that circulation is lost while drilling the 7-7/8" hole and intermediate casing is needed, the hole will be reamed and 1500' of 7-5/8" intermediate casing will be set.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-12-82
UNLESS DRILLING UNDERWAY

*Gas is not dedicated.
BOP attached*

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 Nancy Stutzle, Jack Grynberg and Associates Title Agent Date 12/8/81

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE DEC 11 1981

CONDITIONS OF APPROVAL, IF ANY:

*Posted ID-1
Amended location
12-11-81*