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NEW MEXICO OIL CONSERVATION COMMISSION

DEC 16 1981

O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 1-1-65

30-005-61285

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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Grynberg 32 State
2. Name of Operator VIKING PETROLEUM, INC.		9. Well No. 2
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 I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 32 TWP. 5S RGE. 24E NMPM		12. County Chaves
19. Proposed Depth 4200		19A. Formation ABO
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 4124.3	21A. Kind & Status Plug. Bond Current Blanket	21B. Drilling Contractor Stewart Brothers
22. Approx. Date Work will start December 25, 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.

BOP Diagram Attached.
Gas is not dedicated

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-17-82
UNLESS DRILLING UNDERWAY

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 Stolze AGENT Date 12/14/81
(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE DEC 17 1981
CONDITIONS OF APPROVAL, IF ANY: If 7 5/8" csg run tie cmt back to surface csg

Posted ID-1
API + NL Book
12-18-81

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the corner boundaries of the Section.

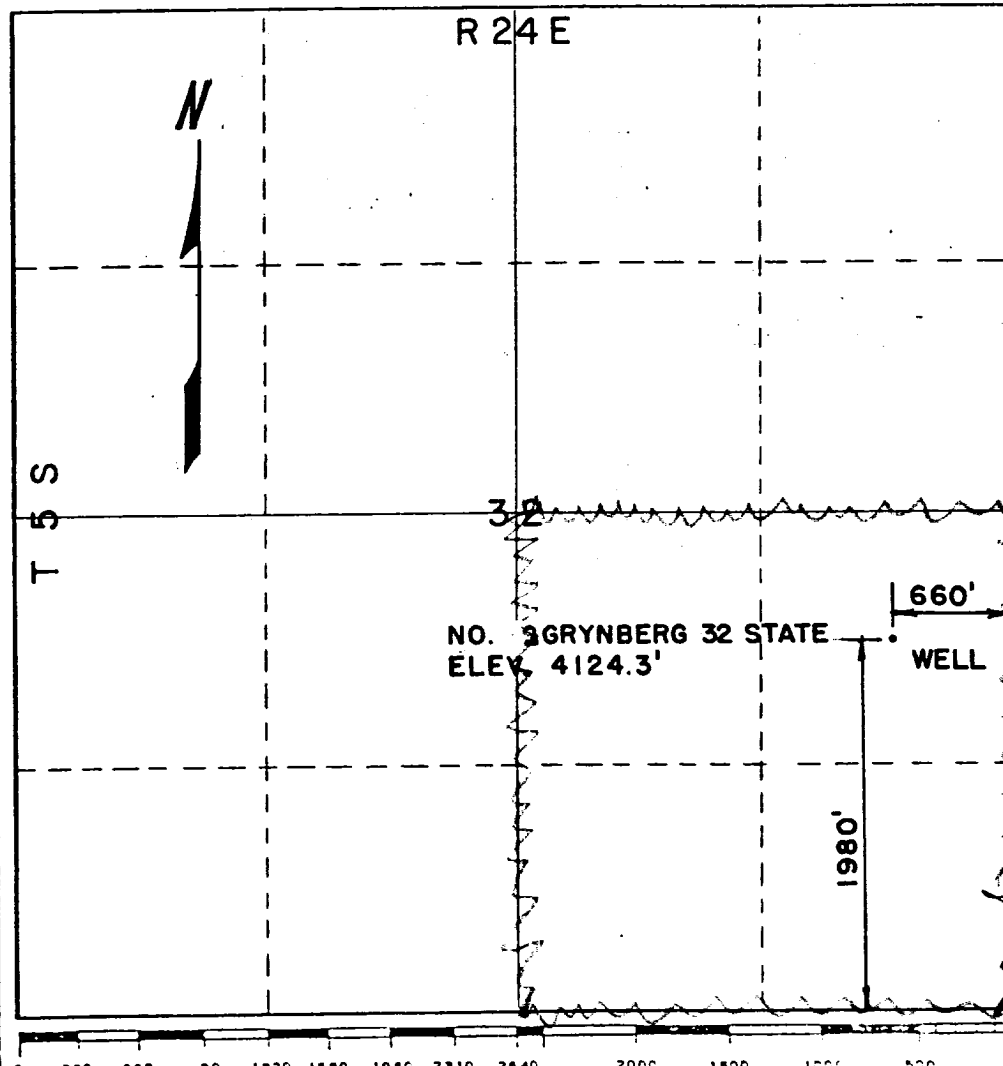
Viking Petroleum Inc.			Grynberg 32 State		2
Unit Letter I	Section 32	Township 5-S	Range 24-E	County Chaves	
Actual Footage Location of Well:					
660		EAST		1980	
feet from the		line and		feet from the SOUTH line	
Ground Level Elev. 4124.3'	Producing Formation Abo		Pool Undesignated Abo		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

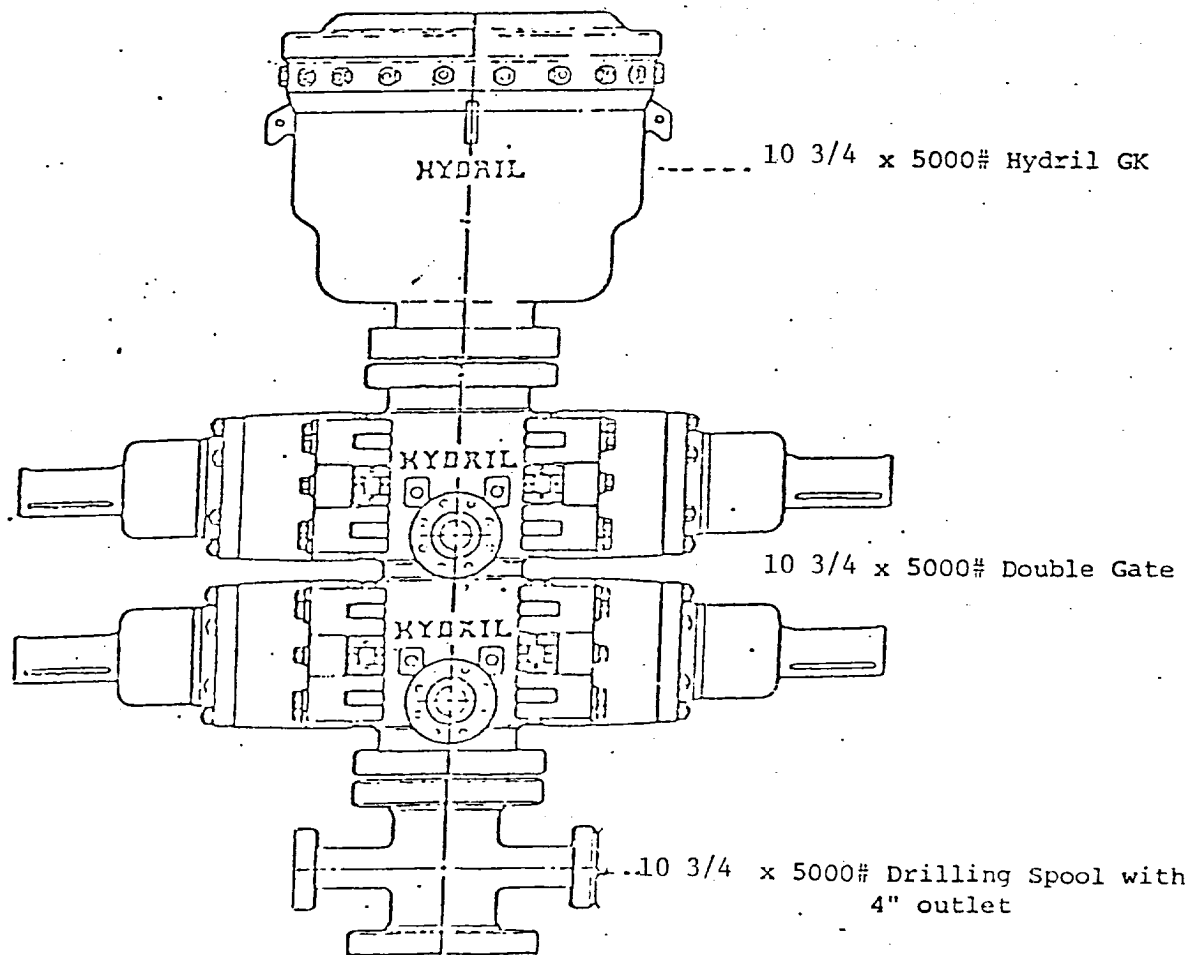
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>[Signature]</i>	
Name	Agent
Position	Viking Petroleum Inc.
Company	12/16/81
Date	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
15 December 1981	
Date Surveyed	
<i>[Signature]</i>	
and or Land Surveyor	
Thomas T. Mann, P.E. & L.S.	
N.M. License No. 277	

B.O.P. Stack



All items H₂S trimmed