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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 19 1981

O. C. D.
ASTORIA, OFFICE

30-005-61173

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-0565

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well		N/A	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	8. Farm or Lease Name	
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	Grynberg 14 State "Com	
2. Name of Operator		9. Well No.	
Viking Petroleum Inc. ✓		1	
3. Address of Operator		10. Field and Pool or Wildcat	
1050 17th Street-Suite 1950, Denver, Colorado 80265		Undesignated Abo	
4. Location of Well		12. County	
UNIT LETTER N LOCATED 660 FEET FROM THE South LINE		Chaves	
1980 West LINE OF SEC. 14 TWP. 5S RGE. 24E NMMPM			
21. Elevations (Show whether DL, RT, etc.)		19. Proposed Depth	
3971.67 GR		4200'	
21A. Kind & Status Plug. Bond		19A. Formation	
Current Blanket		Abo	
21B. Drilling Contractor		20. Rotary or C.T.	
Cactus Drilling		Rotary	
22. Approx. Date Work will start			
Nov. 15, 1981			

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"	32#	900'	Cement to surface	
7-7/8"	4-1/2"	9.5#	4200'	500' above top of pay	

1. Spud well, 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 to 4200' if warranted.
5. Perforate and stimulate as needed.

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

B.O.P. Diagram is Attached

Gas is not dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-26-82
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.

Signature Nancy Stolze, Jack Grynberg and Associates Title Agent Date 10-16-81
(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE OCT 26 1981
CONDITIONS OF APPROVAL, IF ANY:

Posted ID-1
API + NL Book
10-30-81

NEW MEXICO OIL AND GAS COMMISSION WELL LOCATION AND DEDICATION PLAT

All distances must be from the corner or corners of the Section

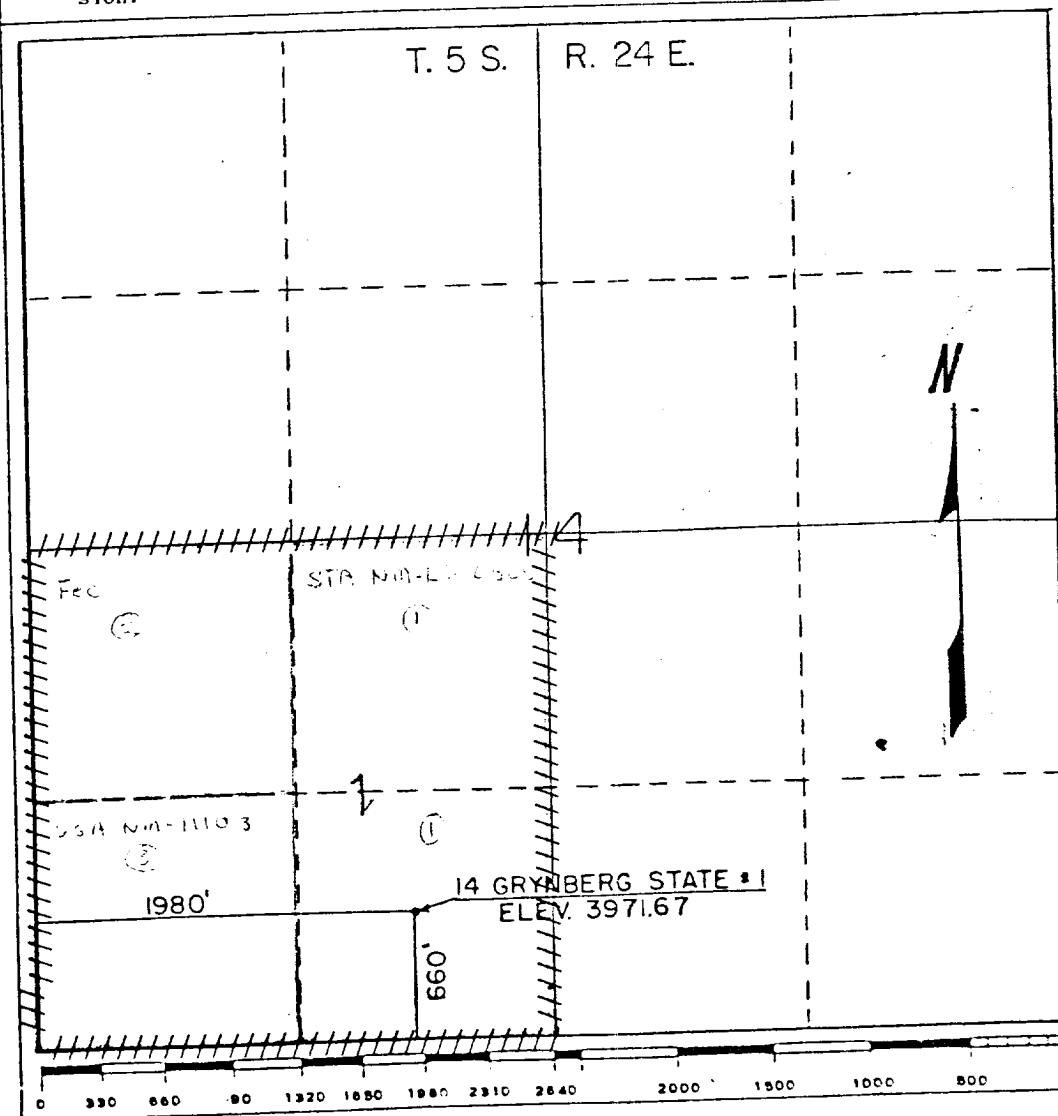
Operator Viking Petroleum, Inc.				Well No. Grynberg 14 State "Com"		Well No. 1	
Unit Letter N	Section 14	Township 5-S	Range 24-E	County Chaves			
Actual Footage Location of Well: 660 feet from the SOUTH line and 1980 feet from the WEST line							
Ground Level Elev. 3971.67	Producing Formation Abo		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). *see attachment*
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 Communitization

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.

Name Thayer Steg
 Position Agent
 Company Viking Petroleum Inc.
 Date 10-16-81

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.

NO. September 24, 1981
 Date Surveyed

Registered Professional Engineer
Thomas T. Mann, P.E. & L.S.

New Mexico License No. 27
 Certificate No.

ATTACHMENT

Viking Petroleum Inc.
Grynberg 14 State #1

NAME	ACRES	WORKING INTEREST
JACK J. GRYNBERG	80 acres	50%
YATES PETROLEUM CORPORATION	40 acres	8.125%
YATES DRILLING COMPANY		5.625%
ABO PETROLEUM CORPORATION		5.625%
MYCO INDUSTRIES, INC.		5.625%
FRED POOL DRILLING, INC.	40 acres	12.500%
PLAINS RADIO BROADCASTING		5.625%
MERCURY EXPLORATION		0.500%
JAMES LUSK		0.500%
JACK CARGILL	160 acres	0.250%
KEMP MC MILLAN		100.00%

Leasehold Interest of Parties

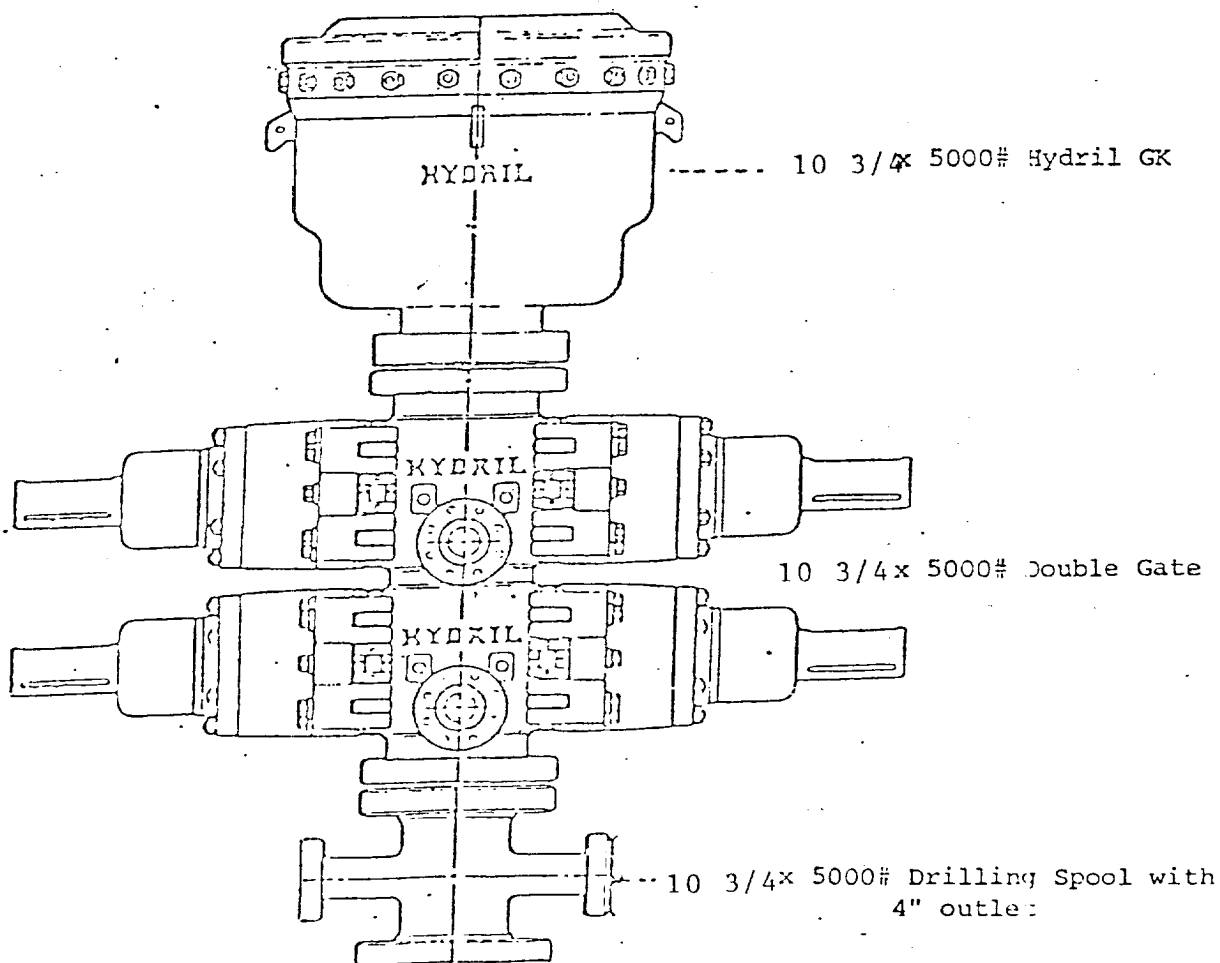
1. Lessor: State of New Mexico
 Original Lessee: Jack J. Grynberg
 Present Lessee: Celeste C. Grynberg

Expiration Date of Lease: September 1, 1982
 Serial No. of Lease: STA-NM-LG-0565
 Description: Township 5 South - Range 24 East
 (Limited to portion included Section 14: E2SW4
 in Contract Area)
2. Lessor: J.W. Corn
 Original Lessee: Plains Radio
 Present Lessee: Plains Radio, Fred Pool, et al

Expiration Date of Lease: January 1, 1980
 Serial No. of Lease: Fee
 Description: Township 5 South - Range 24 East
 (Limited to portion included Section 14: NW4SW4
 in Contract Area)
3. Lessor: United States
 Original Lessee: Yates Petroleum Corporation
 Present Lessee: Yates Petroleum Corporation

Expiration Date of Lease: February 1, 1980 (HBP)
 Serial No. of Lease: USA-NM-11103
 Description: Township 5 South - Range 24 East
 (Limited to portion included Section 14: SW4SW4
 in Contract Area)

B.O.P. Stack



All items H₂S trimmed

JACK GRYNBERG AND ASSOCIATES

PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

1050 17th STREET • SUITE 1950 • DENVER, COLORADO 80265 • PHONE 303 - 572-1455

TELEX: 45-4497 ENERGY DVR
TELECOPIER: 303-623-5224

October 16, 1981

Oil Conservation Division
Drawer DD
Artesia, NM 88210

ATTN: Mr. W.A. Gressett, District Supervisor

RE: Application for Permit to Drill
Viking Petroleum, Inc.
Grynberg 14 State "Com" #1
SESW of Sec. 14, T5S-R27E 24
Chaves County, New Mexico

Dear Mr. Gressett:

Enclosed please find six (6) copies of the ADP for the subject well.
If you require further information concerning the communitization
please let me know.

Very truly yours,

VIKING PETROLEUM, INC.



Nancy Stolzle
JACK GRYNBERG AND ASSOCIATES, AGENT

NS:gh
Enc.

RECEIVED
OCT 16 1981
C. C. D.
ARTESIA, NM