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NEW MEXICO OIL CONSERVATION COMMISSION

FEB 23 1982

O. C. D.
ARTESIA, OFFICE

30-005-61428
Form C-101
Revised 1-1-65

| |
|--|
| 5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. N/A |
| 7. Unit Agreement Name N/A |
| 8. Farm or Lease Name Youngman 11 "COM" |
| 9. Well No. 2 |
| 10. Field and Pool, or Wildcat Undesignated ABO |
| 12. County Chaves |
| 19. Proposed Depth 4200' |
| 19A. Formation ABO |
| 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DI, RT, etc.) 3947.65 |
| 21A. Kind & Status Plug. Bond Current Blanket |
| 21B. Drilling Contractor Aztec |
| 22. Approx. Date Work will start March 1, 1982 |

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"/> | 2. Name of Operator VIKING PETROLEUM, INC. ✓ | 3. Address of Operator 1050 17th Street, Suite 1950, Denver, CO 80265 | 4. Location of Well UNIT LETTER D LOCATED 660' FEET FROM THE North LINE AND 660' FEET FROM THE West LINE OF SEC. 11 TWP. 6S RGE. 24E NMPM |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | | |

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 8-26-82
UNLESS DRILLING UNDERWAY

BOP Diagram Attached.
Gas is not dedicated.

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 Stolte, JACK CRUMBERG AND ASSOCIATES Title AGENT Date 2/19/82
(This space for State Use)

APPROVED BY Mike Wilman TITLE OIL AND GAS INSPECTOR DATE FEB 26 1982
CONDITIONS OF APPROVAL, IF ANY:

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

| | | | | |
|-----------------------|---------------|-------------------|---------------|------------------|
| Viking Petroleum Inc. | | Youngman 11 "COM" | | No. 2 |
| Unit Letter D | Section 11 | Township 6-S | Range 24-E | County Chaves |

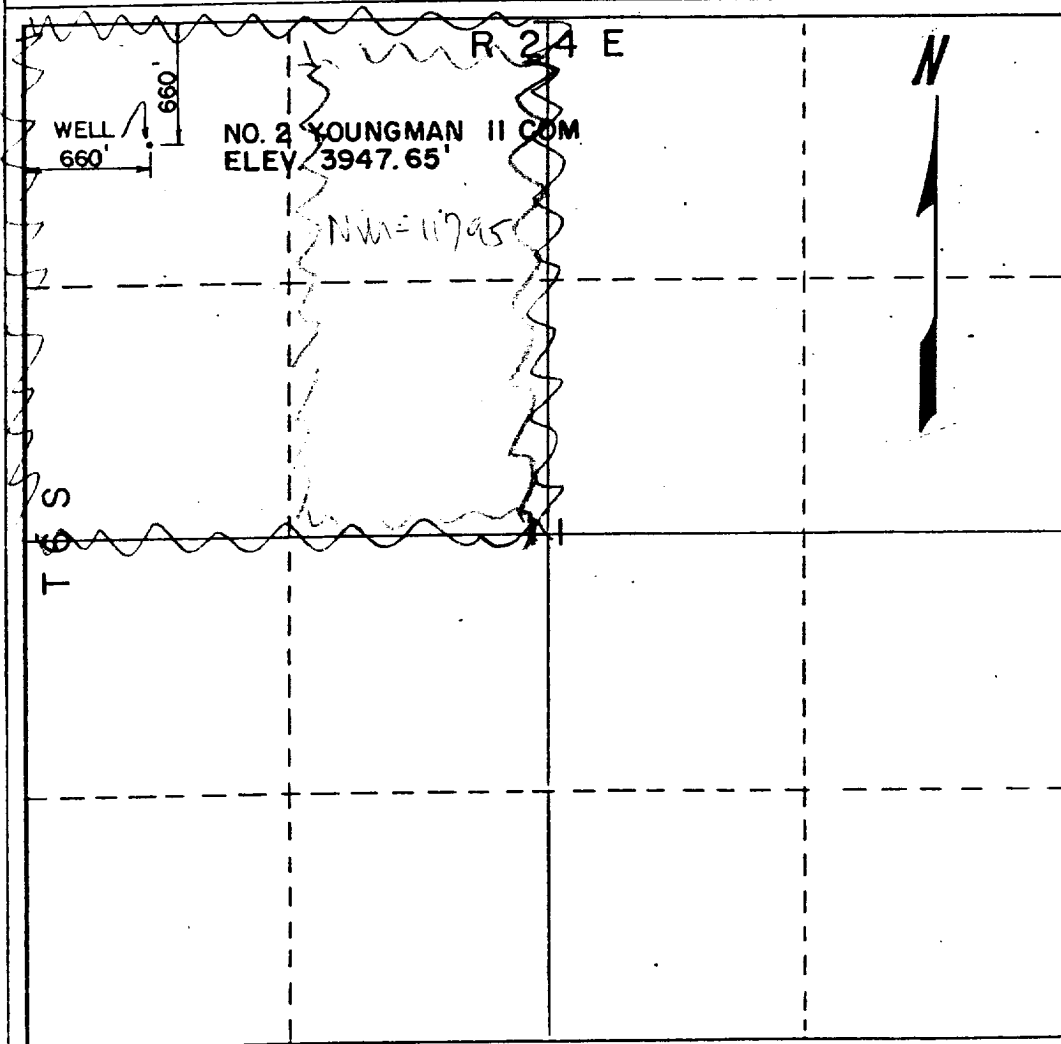
| | |
|--|----------------------------|
| Actual Footage Location of Well: 660 feet from the NORTH line and 660 feet from the WEST line | |
| Ground Level Elev. 3947.65' | Producing Formation ABO |
| Foot Pecos Slope | |
| Dedicated Acreage: 160 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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).
Yates Petroleum, Inc. (100%), Youngman, H. P. Zier
- Jack Grynberg & Assoc. (100%), U.S. (lease in name of Celeste Grynberg)
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
Agent
Viking Petroleum Inc.

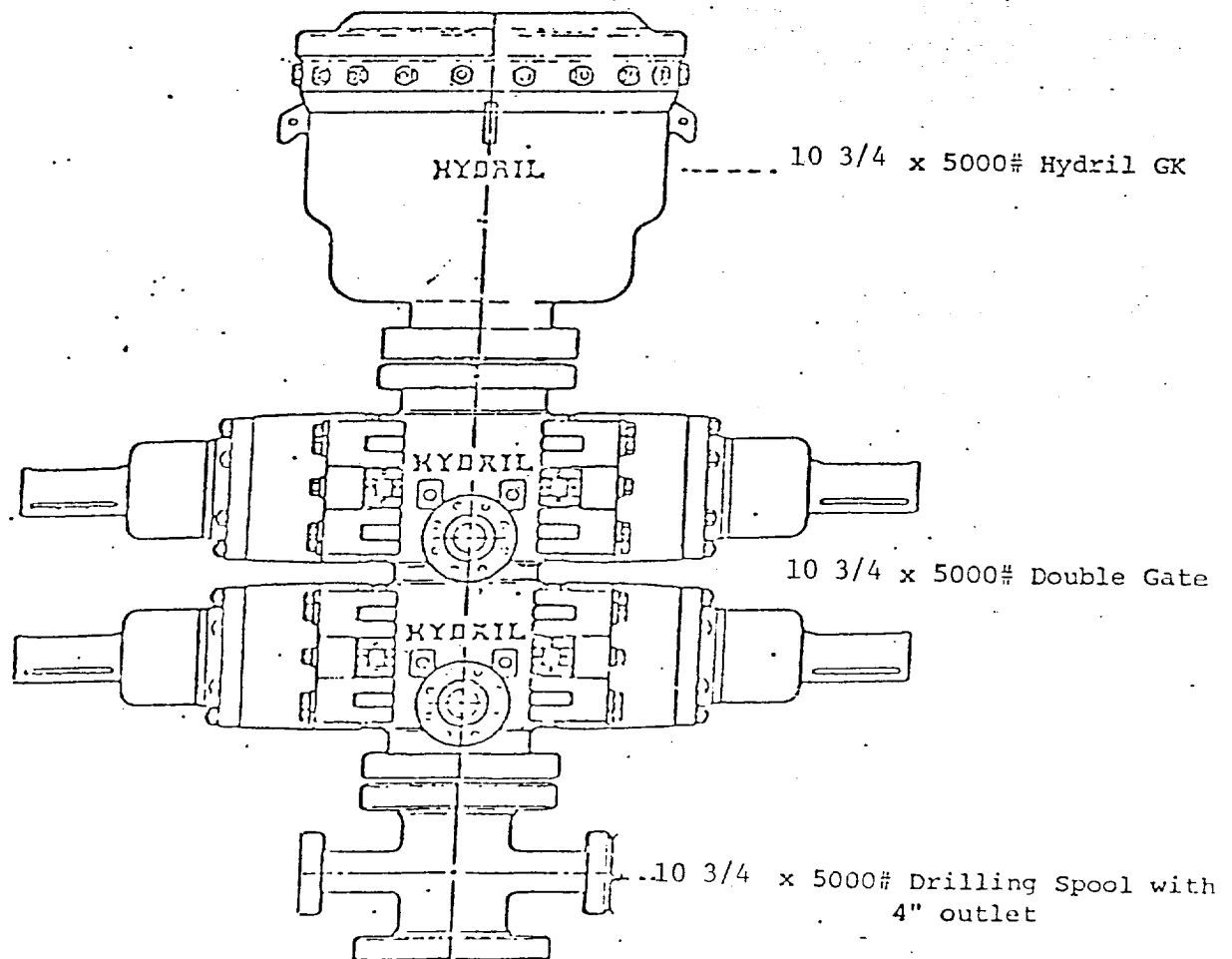
Company
2/22/82

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.

REGISTERED LAND SURVEYOR
19 February 1982
Gordon D. Douglas
N.M. License No. 6054

B.O.P. Stack



All items H₂S trimmed