

| | |
|------------------------|--|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

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. | |
| L-6328 | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|-------------------------------|--------------------------------|----------------------------------|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 8. Farm or Lease Name | |
| 2. Name of Operator | | 9. Well No. | |
| 3. Address of Operator | | 10. Field and Pool, or Wildcat | |
| 4. Location of Well | | 12. County | |
| UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE | | <u>Lea</u> | |
| AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>25S</u> RGE. <u>33E</u> NMPM | | | |
| 19. Proposed Depth | | 19A. Formation | 20. Rotary or C.T. |
| <u>13998'</u> | | <u>Wolfcamp</u> | <u>-</u> |
| 21. Elevations (Show whether DF, RT, etc.) | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor | 22. Approx. Date Work will start |
| <u>3416' GR</u> | <u>Blanket-Active</u> | <u>--</u> | <u>--</u> |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|--------------|
| 17-1/2" | 13-3/8" | 48# | 560 | 550 | Circ. |
| 12-1/4" | 9-5/8" | 36# | 4924 | 3400 | Circ. |
| 8-1/2" | 7" | 26# | 13253 | 1050 | Cal. 6577' |
| 6-1/8" | 4-1/2" Liner | 15# | 16072' | 600 | TOL: 13,006' |

Procedure:

1. Squeeze perfs from 14248-757. Leave top of cement 13998. Test squeeze to 6000 psi.
2. Perf from 13712-20 and 13744-53 17 holes 1 shot/ft.
3. Acidize w/4500 gal acid.

Acreage is 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 Betty Gildon Betty Gildon Title Regulatory Analyst Date 2-17-82

(This space for State Use)

APPROVED BY BETTY GILDON TITLE REGULATORY ANALYST DATE FEB 22 1982

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

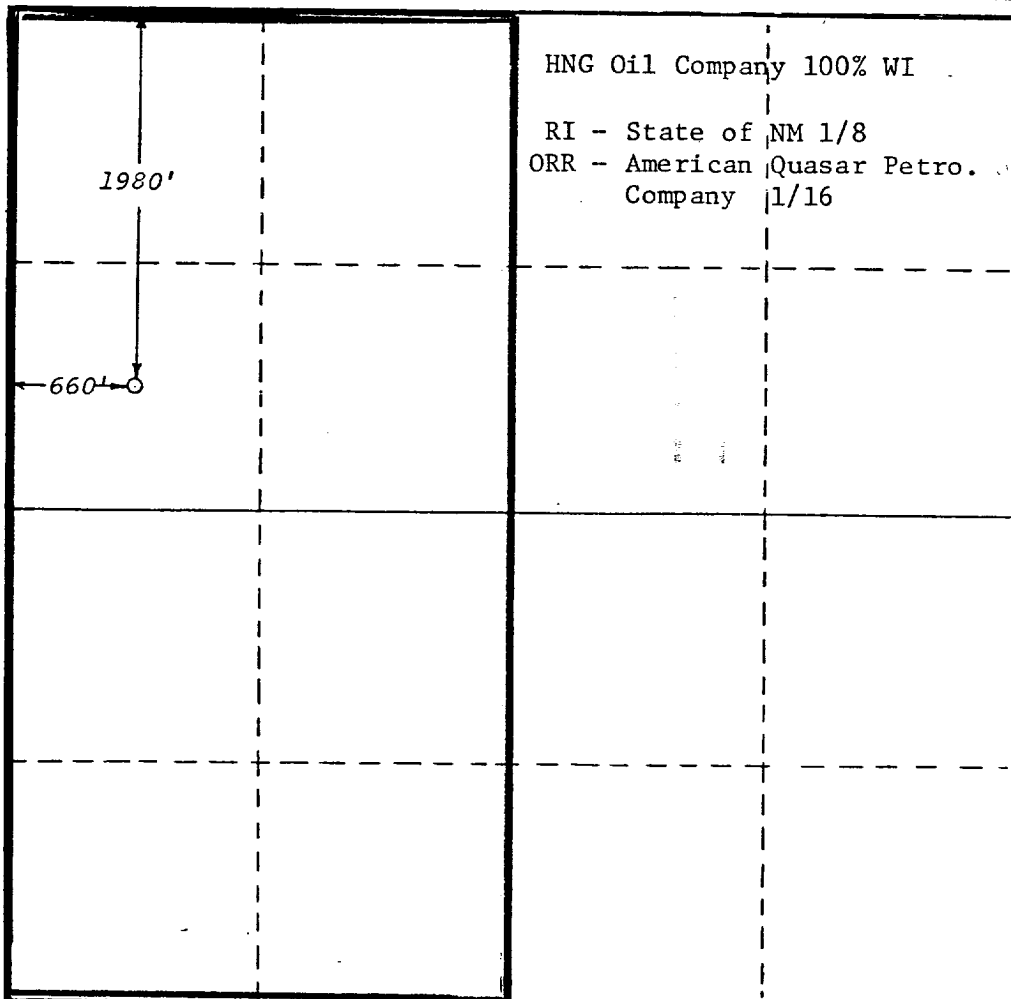
| | | | | | |
|---|--|-------------------------|------------------------------------|--|----------------------|
| Operator H.N.G. OIL COMPANY | | | Lease Vaca Draw 16 State | | Well No. 1 |
| Unit Letter E | Section 16 | Township 25-S | Range 33-E | County Lea | |
| Actual Footage Location of Well: 1980' feet from the North line and 660' feet from the West line | | | | | |
| Ground Level Elev. 3416' | Producing Formation Wolfcamp | | Pool Wildcat | Dedicated Acreage: 320 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).
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.

Betty A. Gildon

Name
Betty A. Gildon

Position
Regulatory Clerk

Company
HNG Oil Company

Date
February 6, 1981

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.

February 5, 1981

Date Surveyed
Gary C. Boswell

Registered Professional Engineer and/or Land Surveyor

Gary D. Boswell
Certificate No.

6689

