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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. |
| K-5775 |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|--|--|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name Cities-State | |
| 2. Name of Operator Stallworth Oil & Gas | | 9. Well No. 1 | |
| 3. Address of Operator 407 West Missouri Avenue, Midland, Texas 79701 | | 10. UNDESIGNATED Vada (Penn.) | |
| 4. Location of Well UNIT LETTER D LOCATED 860 FEET FROM THE West LINE 760 FEET FROM THE North LINE OF SEC. 11 TWP. 9-S RGE. 33-E NMPM | | 12. County Lea | |
| 19. Proposed Depth 9620 | | 19A. Formation Bough "C" | |
| 20. Rotary or C.T. Rotary | | 21. Elevations (Show whether DF, RT, etc.) 4350 G.L. | |
| 21A. Kind & Status Plug. Bond Statewide | | 21B. Drilling Contractor Unknown | |
| 22. Approx. Date Work will start October 29, 1973 | | | |

23.

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# | 400' | 400 | Surface |
| 12-1/4" | 9-5/8" | 36 & 40# | 3900' | 400 | 2700' |
| 8-3/4" | 7" | 23, 26 & 29# | 9620' | 500 | 7000' |

The well will be drilled with rotary tools using water to 7200' and mud to total depth.

A blowout preventer stack will be installed on the 9-5/8" intermediate casing prior to drilling out with an 8-3/4" bit at 3900'. The surface and intermediate strings will be pressure tested prior to drilling out.

Anticipated depth of the Bough "C" Formation is 9530'. The 7" casing will be perforated and stimulated with acid as conditions warrant.

Surface formation is Quaternary Age Sandstone.

No coring is anticipated. Two drill stem tests are planned.

Logs will be open hole Gamma/Acoustic, Laterolog and Microlaterolog.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES

2-29-74

I 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 Murray E. Helmers Title Production Manager Date 10/11/73

(This space for State Use)

APPROVED BY [Signature] TITLE SECRETARY DATE NOV 16 1973

CONDITIONS OF APPROVAL, IF ANY:

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U. S. CONSERVATION
ROBBS, N. M.

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**N. 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.

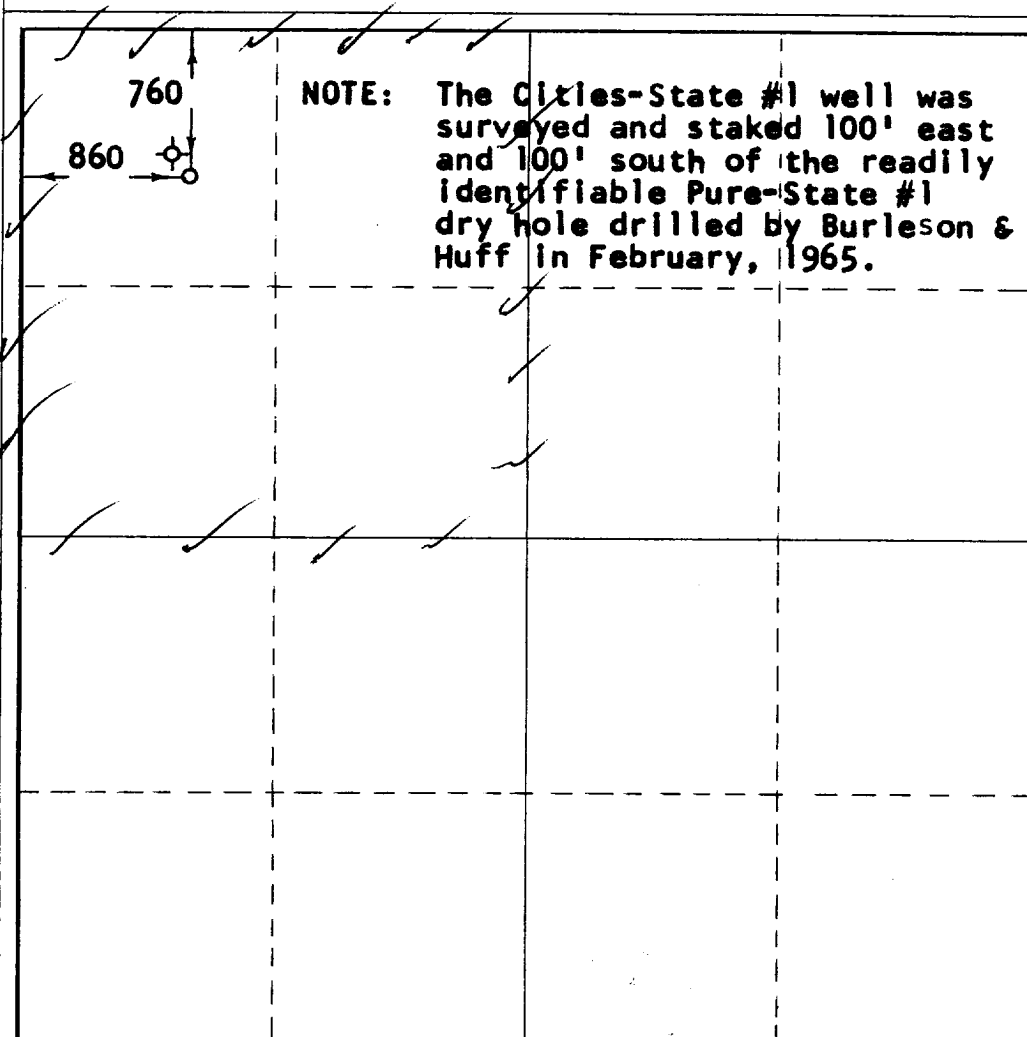
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|--|---|------------------------|------------------------------|----------------------|--|
| Operator Stallworth Oil & Gas | | | Lease Cities-State | | Well No. 1 |
| Unit Letter D | Section 11 | Township 9-S | Range 33-E | County Lea | |
| Actual Footage Location of Well: 860 feet from the West line and 760 feet from the North line | | | | | |
| Ground Level Elev. 4350 | Producing Formation Bough "C" | | Pool Vada (Penn.) | | 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).
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 **NW/4 of Sec. 11 is a common lease, no communitization required.**

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
James L. Young
Position
Land Manager
Company
Stallworth Oil & Gas
Date
October 11, 1973

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.

Date Surveyed
September 22, 1973

Registered Professional Engineer and/or Land Surveyor

Murray E. Helmers

Certificate No.
Texas - 34132

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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THE CONSERVATION COMMISSION
DOUGLAS, N. M.