

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

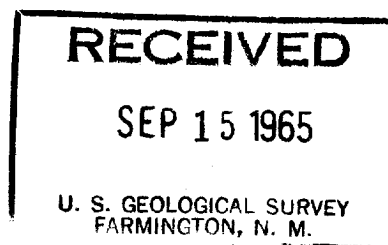
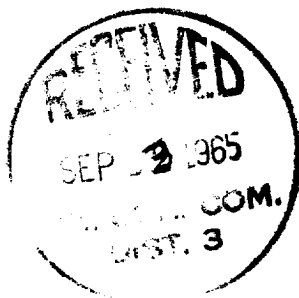
## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                                                                          |                                        |                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|
| 1a. TYPE OF WORK<br><b>DRILL <input checked="" type="checkbox"/></b> <b>DEEPEN <input type="checkbox"/></b> <b>PLUG BACK <input type="checkbox"/></b>                                                                                                    |                                        | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>SP 081171 A</b>                             |
| b. TYPE OF WELL<br>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"/>                                             |                                        | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                  |
| 2. NAME OF OPERATOR<br><b>Arwood H. Stowe</b>                                                                                                                                                                                                            |                                        | 7. UNIT AGREEMENT NAME                                                                |
| 3. ADDRESS OF OPERATOR<br><b>2530 Fairmont Dallas, Texas</b>                                                                                                                                                                                             |                                        | 8. FARM OR LEASE NAME<br><b>Federal</b>                                               |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)<br>At surface <b>2310 feet from the North Line Sec. 33, 18N 3W</b><br>At proposed prod. zone <b>990 feet from the East Line " " " "</b><br><b>Mesaverte</b> |                                        | 9. WELL NO.<br><b>83</b>                                                              |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br><b>27 Miles South of Cuba, New Mexico</b>                                                                                                                                       |                                        | 10. FIELD AND POOL, OR WILDCAT<br><b>Wildcat</b>                                      |
| 15. DISTANCE FROM PROPOSED*<br>LOCATION TO NEAREST<br>PROPERTY OR LEASE LINE, FT.<br>(Also to nearest drig. unit line, if any)<br><b>990' from East L.</b>                                                                                               | 16. NO. OF ACRES IN LEASE<br><b>40</b> | 11. SEC., T., R., M., OR BLK.<br>AND SURVEY OR AREA<br><b>Section 33, 18N 3W NMPN</b> |
| 18. DISTANCE FROM PROPOSED LOCATION*<br>TO NEAREST WELL, DRILLING, COMPLETED,<br>OR APPLIED FOR, ON THIS LEASE, FT.<br><b>1980'</b>                                                                                                                      | 19. PROPOSED DEPTH<br><b>400'</b>      | 12. COUNTY OR PARISH<br><b>Sandoval</b>                                               |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)                                                                                                                                                                                                           |                                        | 13. STATE<br><b>New Mexico</b>                                                        |
| 22. APPROX. DATE WORK WILL START*<br><b>September 1, 1965</b>                                                                                                                                                                                            |                                        |                                                                                       |

## 23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 6 1/2"       | 2 7/8"         | 34#             | 400'          | circulated         |
|              |                |                 |               |                    |
|              |                |                 |               |                    |

ILLEGIBLE



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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Arwood H. Stowe TITLE Operator DATE August 16, 1965  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

☆ U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396

\* We intend to drill 5 wells on this 40 acres. 330' out of the corner and one in the center. We will dedicate all five wells to this 40 and its allowable.

|                           |  |
|---------------------------|--|
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| PRODUCTION OFFICE         |  |
| OPERATOR                  |  |

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128  
 Revised 5/1/57

**SECTION A**

|                                                                                                             |                                   |                      |                                |                    |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------|--------------------------------|--------------------|
| Operator<br>Arwood Stowe and Company                                                                        |                                   | Lease<br>Federal     |                                | Well No.<br>3      |
| Unit Letter                                                                                                 | Section<br>33                     | Township<br>18 North | Range<br>3 West                | County<br>Sandoval |
| Actual Footage Location of Well: AS Staked<br>2310 feet from the North line and 990 feet from the East line |                                   |                      |                                |                    |
| Ground Level Elev.<br>6456                                                                                  | Producing Formation<br>Mesa Verde | Pool<br>San Luis     | Dedicated Acreage:<br>40 Acres |                    |

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO \_\_\_\_ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_ NO X . If answer is "yes," Type of Consolidation \_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

|                           |                  |
|---------------------------|------------------|
| Owner<br>U. S. Government | Land Description |
|                           |                  |

**RECEIVED**

SEP 22 1965

U. S. GEOLOGICAL SURVEY  
 FARMING PLAT

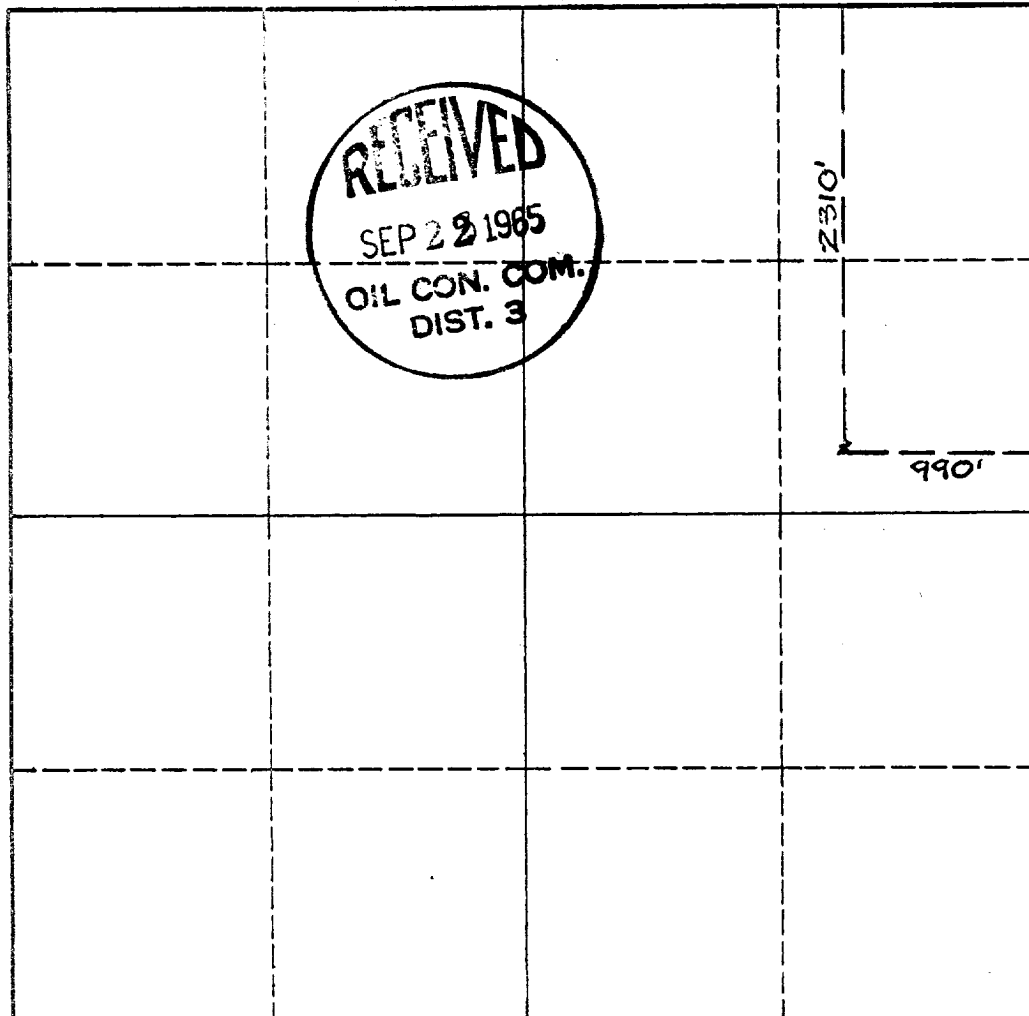
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name  
Everett McConnell  
 Position  
Agent  
 Company  
Arwood Stowe & Co.  
 Date  
9/1/65

I hereby certify that the well location shown on the plat in SECTION B 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  
Sept. 11, 1965  
 Registered Professional Engineer  
 and/or Land Surveyor  
 Certificate No. 2300

**SECTION B**



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