

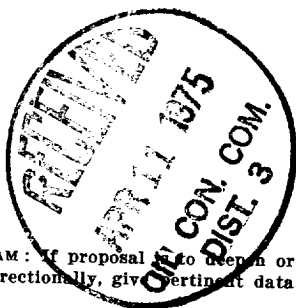
SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21762

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"/> | | 5. LEASE DESIGNATION AND SERIAL NO. 87 - 078305 | | |
| b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | |
| 2. NAME OF OPERATOR Southern Union Production Company | | 7. UNIT AGREEMENT NAME | | |
| 3. ADDRESS OF OPERATOR P.O. Box 808, Farmington, New Mexico 87401 | | 8. FARM OR LEASE NAME Seymour | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 870 Ft. from the North line and 1150 ft. from the West line At proposed prod. zone Same as above | | 9. WELL NO. 24 | | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* | | 10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde | | |
| 15. DISTANCE FROM PROPOSED* 870 Ft. Lease Line LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 870 Ft. Unit Line | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T-31-N, R-9-W N.M.P.M. | | |
| 16. NO. OF ACRES IN LEASE 2348.80A | | 12. COUNTY OR PARISH San Juan | | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 314.74 | | 13. STATE New Mexico | | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Approx. 2200' | | 20. ROTARY OR CABLE TOOLS Rotary | | |
| 19. PROPOSED DEPTH 5770 | | 22. APPROX. DATE WORK WILL START* | | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6436 Ft. GL | | | | |
| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| 13-3/4" | 10-3/4" | 40.5# | 250' | 200 Cubic feet |
| 9-7/8" | 7" | 23# | 3475' | 1380 Cubic feet |
| 6-1/4" | 4-1/2" (LNR) | 10.5# | 3325 - 5770' | 380 Cubic feet |

It is proposed to drill a well to be completed in the Mesaverde Formation. The well will be mud drilled through the Pictured Cliffs and then gas drilled to T.D. Estimated total depth will be 5770 feet. The Mesaverde formation will be sand fraced in order to stimulate production. Tubing size will be 2-1/16" set at approximately 5470 feet.



APR 10 1975

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. Original Signed By
SIGNED Jerry L. Lee TITLE Area Engineer DATE March 27, 1975
Jerry L. Lee
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Mn TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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 plat, 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.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

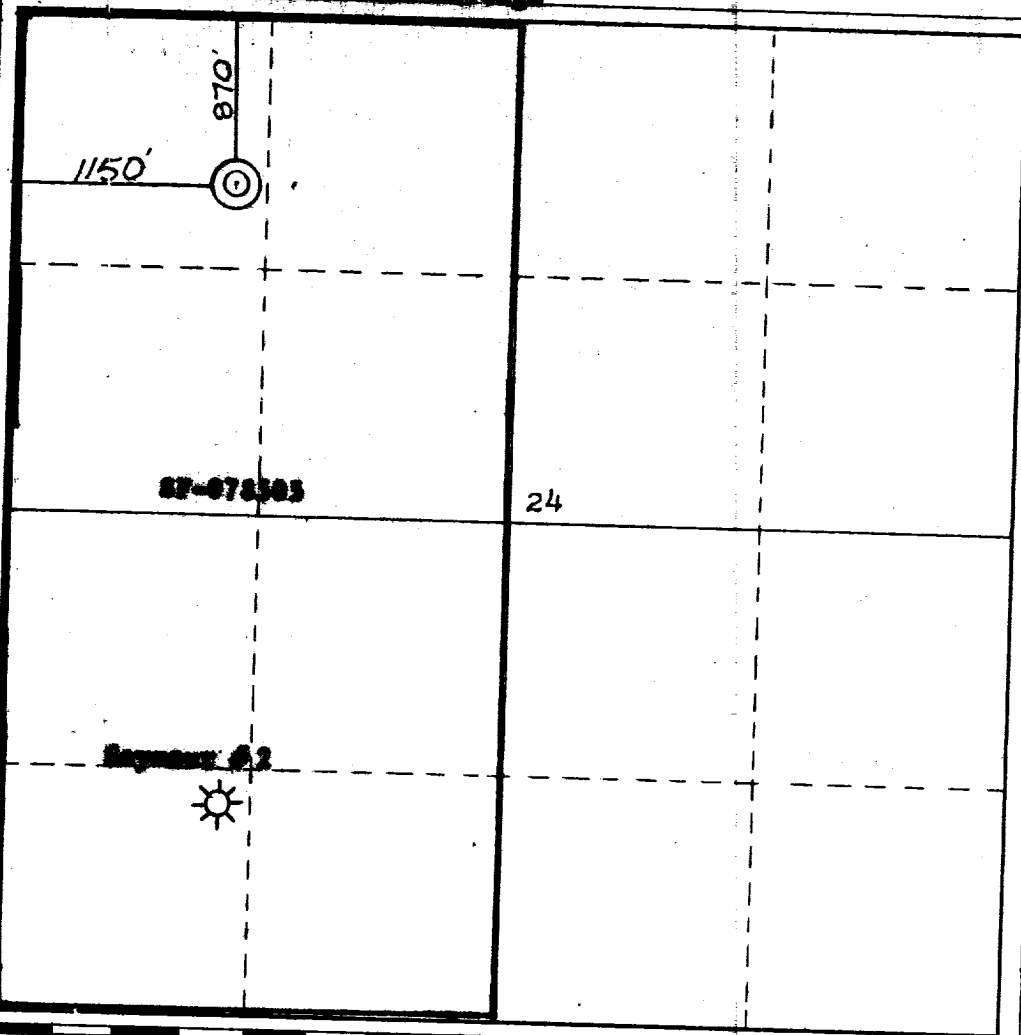
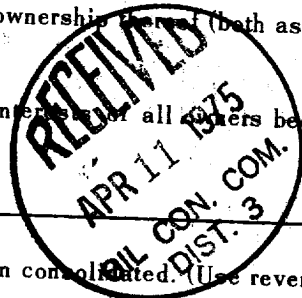
Form C-102
Supersedes C-128
Effective 1-1-65

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

| | | | | | |
|---|---|-----------------------------|---------------------------------|---|-------------------------|
| Operator SOUTHERN UNION PRODUCTION COMPANY | | | Lease SEYMOUR | | Well No. B 24 |
| Unit Letter D | Section 24 | Township 31 NORTH | Range 9 WEST | County SAN JUAN | |
| Actual Footage Location of Well: 870 feet from the NORTH line and 1150 feet from the WEST line | | | | | |
| Ground Level Elev. 6436 | Producing Formation Mesaverde | | Pool Blanco Mesaverde | Dedicated Acreage: 7-1/2 = 314.74 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 interest (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.

Original Signed By

Name **Jerry L. Lee**
Jerry L. Lee

Position **Area Engineer**

Company **Southern Union Production**

Date **March 27, 1975**

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: **19 March 1975**

Registered Professional Engineer and/or Land Surveyor
James P. Leese

Certificate No. **1463**

