

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21763

5. LEASE DESIGNATION AND SERIAL NO.

8F 078505

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Seymour

9. WELL NO.

1A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 25, T-31N, R-9W  
N.M.P.M.

12. COUNTY OR PARISH 13. STATE

San Juan New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER   
SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Southern Union Production Company

3. ADDRESS OF OPERATOR  
P. O. Box 808, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface  
1128 feet from the South line & 790 feet from the East line.  
At proposed prod. zone Same as above.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
790' - Lease line  
790' Unit line

16. NO. OF ACRES IN LEASE

2348.80

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
Approx. 3250'

19. PROPOSED DEPTH

5810 ft.

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

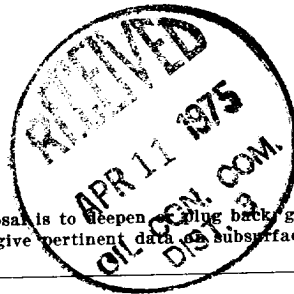
6509 ft. G.L.

22. APPROX. DATE WORK WILL START\*

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#	400	320 cubic feet
9-7/8"	7"	23#	3530	1400 cubic feet
6-1/4"	4-1/2" (Liner)	10.5#	3380 - 5810	375 cubic feet

It is proposed to drill a well to be completed in the Mesaverde formation. The well will be mud drilled thru the Pictured Cliffs and then gas drilled to T.D. Estimated total depth will be 5810 feet. The Mesaverde formation will be sand fraced in order to stimulate production. Tubing size will be 2-1/16" set at approximately 5500 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 [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

Operator <b>SOUTHERN UNION PRODUCTION COMPANY</b>		Lease <b>SEYMOUR</b>		Well No. <b>E 1A</b>
Unit Letter <b>P</b>	Section <b>25</b>	Township <b>31 NORTH</b>	Range <b>9 WEST</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <b>1128</b> feet from the <b>SOUTH</b> line and <b>790</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>6509</b>	Producing Formation <b>MESAVERDE</b>	Pool <b>BLANCO - MESAVERDE</b>	Dedicated Acreage: <b>1/2</b> <del>320</del> <b>320</b> Acres	

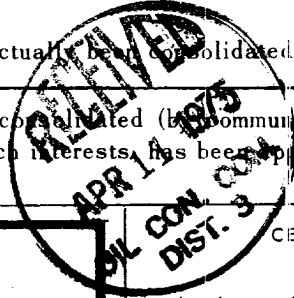
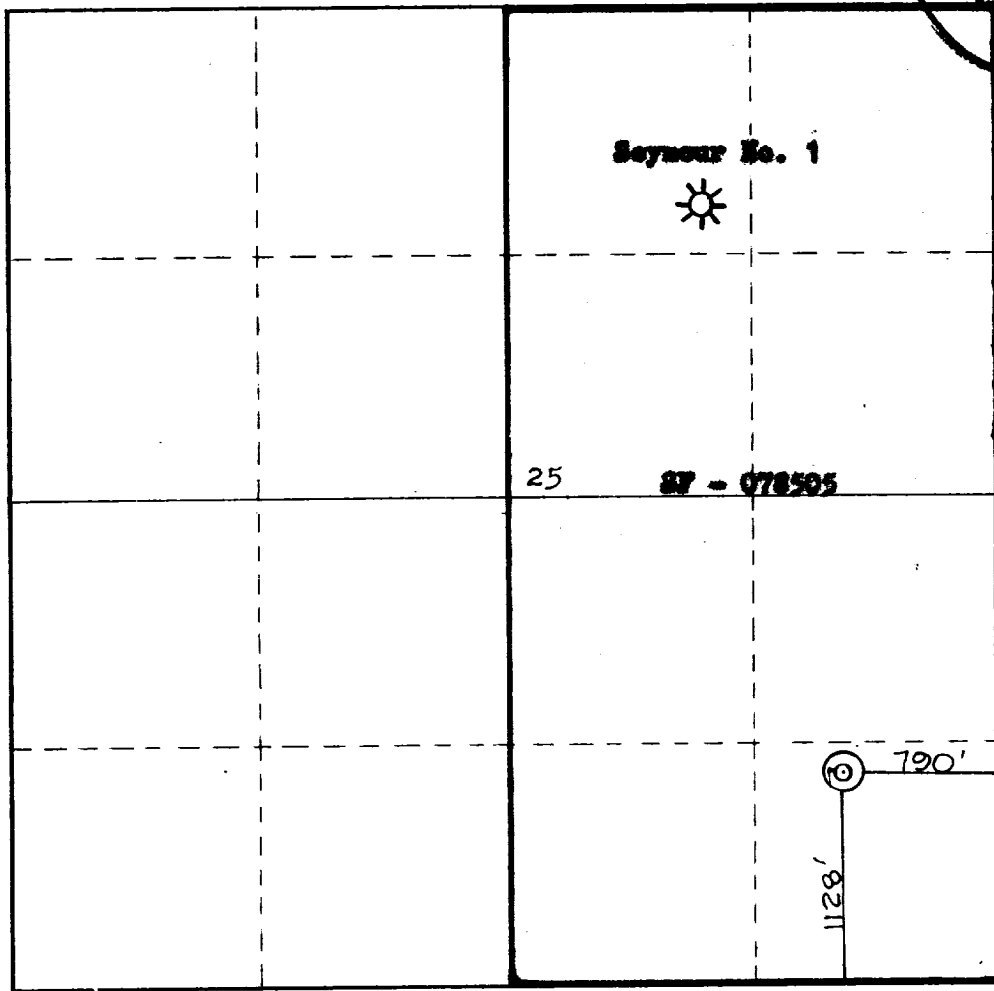
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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. \_\_\_\_\_

**Dedicated Acreage**



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

**Original Signed By**  
**Jerry L. Lee**

Name \_\_\_\_\_  
Position **Jerry L. Lee**  
Area Engineer  
Company **Southern Union Production**

Date **March 27, 1975**

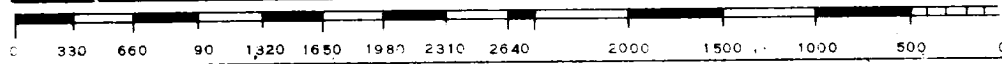
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

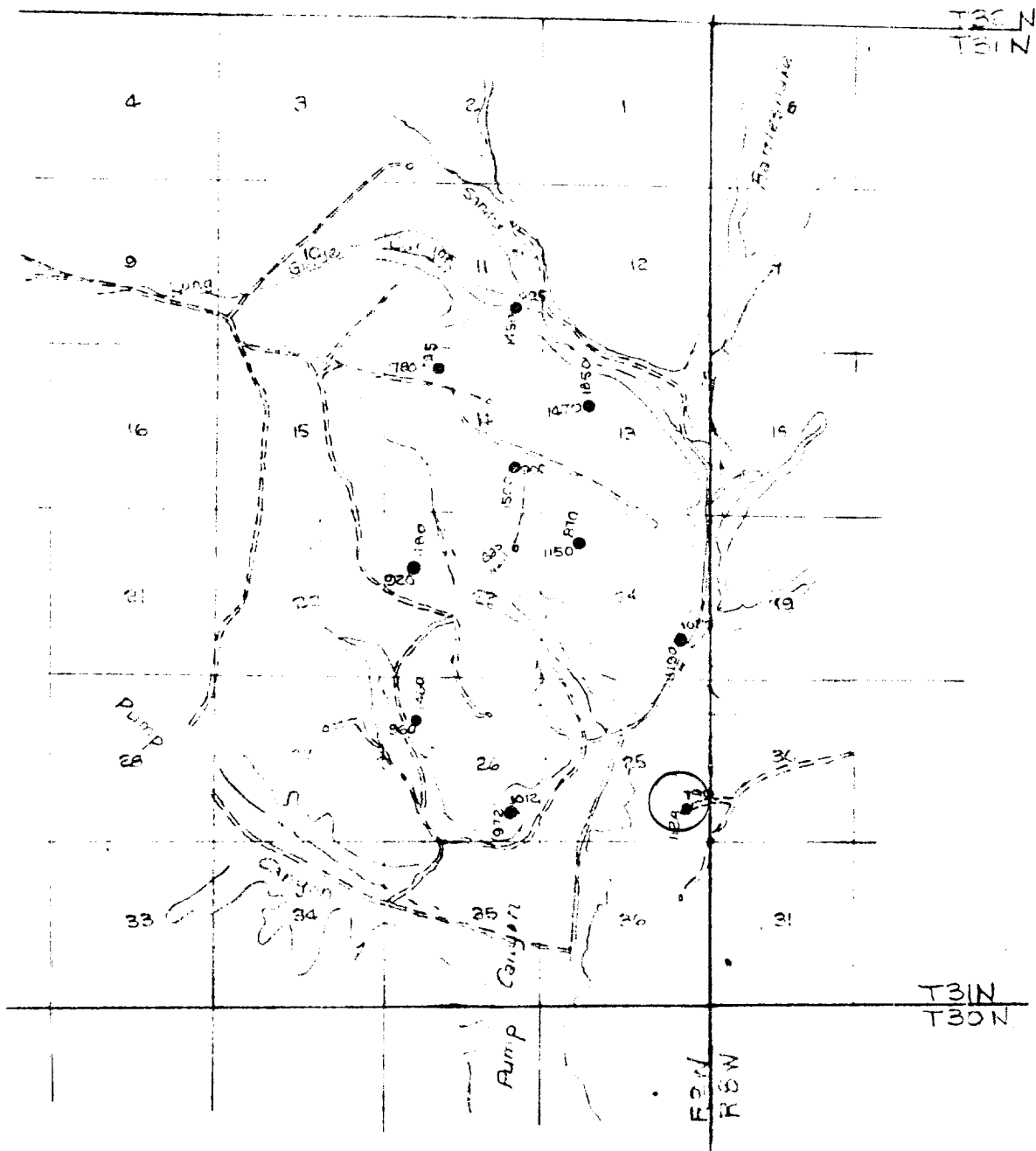
**PROFESSIONAL ENGINEER & LAND SURVEYOR**


Date Surveyed **19 March 1975**

Registered Professional Engineer and/or Land Surveyor  
**James P. Lease**

Certificate No. **1463**





Vicinity Map For Seymour No. 

Southern Union Prod. Co.  
 10 wells located in T31N R3W  
 San Juan Co. New Mex.; Sec. 11 -  
 NE/SE; Sec. 12 - SE/NW; Sec. 14 - NE/SE &  
 NE/NW; Sec. 23 - NW/NW; Sec. 24 - SE/SE &  
 NW/NW; Sec. 25 - SE/SE; Sec. 26 - SW/NW &  
 SE/SE; Scale: 1" = 1 mile

S. J. Clark Eng. & Surveying Co.  
 Farmington, New Mexico

SOUTHERN UNION PRODUCTION COMPANY  
SEYMOUR NO. 45 1A  
1128/S LINE & 790/E LINE, SEC. 25, T-31N, R-9W  
SAN JUAN COUNTY, NEW MEXICO

