

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-045-21764

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
972 ft. from the South line and 1012 ft. from the East line.
At proposed prod. zone Same as above.

5. LEASE DESIGNATION AND SERIAL NO.
SF - 078506

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hunsaker

9. WELL NO.
2A

10. FIELD AND POOL, OR WILDCAT
Blanco - Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 26, T-31N, R-9W
N.M.P.M.

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

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 drlg. unit line, if any)
972' - Lease line
972' Unit line

16. NO. OF ACRES IN LEASE
734.92 Acres

17. NO. OF ACRES ASSIGNED TO THIS WELL
313.16

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
Approx. 2700 ft.

19. PROPOSED DEPTH
5300

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6017 GL

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#	200 ft.	160 cubic feet
9-7/8"	7"	23.0#	3040 ft.	1210 cubic feet
6-1/4"	4 1/2" (Liner)	10.5#	2890 - 5300	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 5300 feet. The Mesaverde will be sand fraced to stimulate production. Tubing size will be 2-1/16" set at approximately 5000 feet.

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 Jerry L. Lee TITLE Area Engineer DATE March 27, 1975

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY GA 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 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.

SOUTHERN UNION PRODUCTION COMPANY

POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

March 27, 1975

United States Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Attention: Mr. P. T. McGrath

Dear Sir:

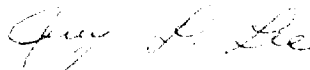
Southern Union Production Company proposes to drill its Hunsaker No. 3 Mesaverde well located 972 feet from the South line and 1012 feet from the East line of Section 26, Township 31 North, Range 9 West, N.M.P.M., San Juan County, New Mexico.

Attached are maps showing the following data:

1. Existing roads.
2. Planned access roads.
3. Location of existing wells.
4. Lateral roads to well locations.
5. The location of tank batteries and flow lines are not presently known. After the well has been drilled and the location has been cleaned this equipment will then be installed on the existing location. It is requested that a subsequent map be submitted after determining the exact location.
6. Drilling and completion water will be obtained from Pump Canyon wash and San Juan river.
7. Waste will be disposed of by being placed in the reserve pit and buried. Some will be burned in burn pit which will be covered after the well has been completed.
8. There will be no camp at or near the proposed well site.
9. There will be no airstrip.
10. A map is attached showing the location of the rig, mud tanks, reserve pit, burn pit, pipe racks, etc. The access road and location will be compacted.
11. After the well is completed the location will be cleaned and bladed. The reserve pit will be fenced until it has dried and then it will be filled and restored to its natural state. The access road will be left as is for well maintenance.
12. The location is on the edge of Pump Canyon wash. The vegetation is predominately sparse range grass.

Yours very truly,

SOUTHERN UNION PRODUCTION COMPANY



Jerry L. Lee
Area Engineer

JLL:ml

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 HUNSAKER		Well No. 524
Unit Letter P	Section 26	Township 31 NORTH	Range 9 WEST	County SAN JUAN	
Actual Footage Location of Well: 972 feet from the SOUTH line and 1012 feet from the EAST line					
Ground Level Elev. 6017	Producing Formation MESAVERDE		Pool BLANCO MESAVERDE		Dedicated Acreage: E/2 - 313.16 Acres

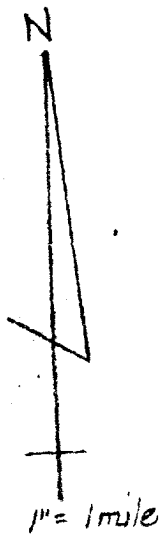
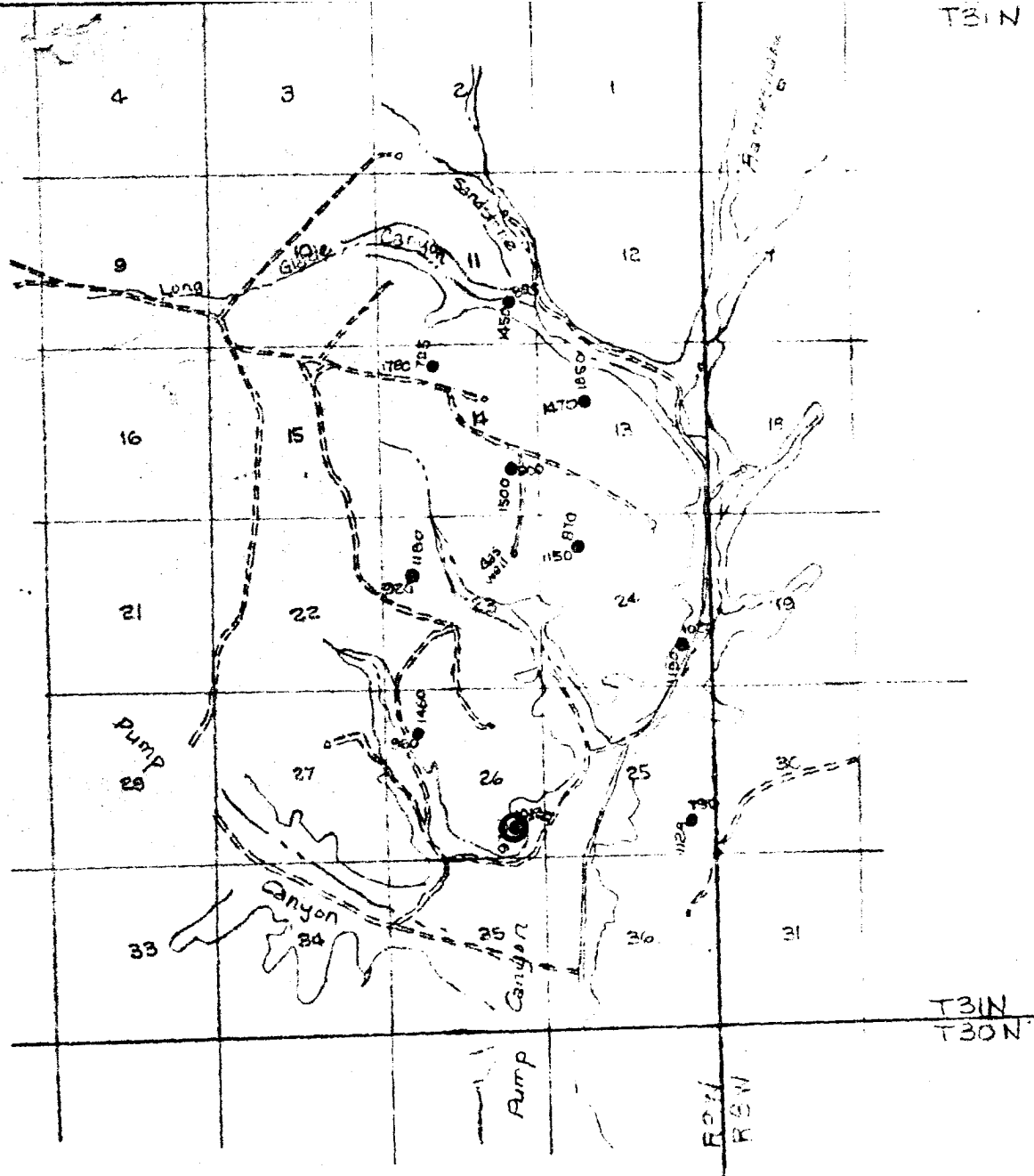
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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. <i>Jerry L. Lee</i> Name 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 <i>James P. Reese</i> Certificate No. 1463



Vicinity Map for: HUNSAKER No. 32A

Southern Union Prod. Co.

10 wells located in T31N R3W

San Juan Co. New Mex.; Sec. 11-

NE/SE; Sec. 13- 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

San Juan Engineering Co.

Farmington, New Mexico