

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25863

5. LEASE DESIGNATION AND SERIAL NO.  
NM- 31311

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Champlin Federal9. WELL NO.  
#310. FIELD AND POOL, OR WILDCAT  
Bisti Lower Gallup11. SEC., T., R., M., OR BLM.  
AND SURVEY OR AREA  
A Sec 10-T25N-R13W, NMPM12. COUNTY OR PARISH 13. STATE  
San Juan Co. 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 Exploration

3. ADDRESS OF OPERATOR

PO Box 2179, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

330' FNL &amp; 330' FEL

At proposed prod. zone  
Same

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

25 miles South of Farmington, NM

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

330'

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

990'

16. NO. OF ACRES IN LEASE

960

19. PROPOSED DEPTH

5025'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

6307', GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO CONDITIONS ATTACHED  
"GENERAL REQUIREMENTS"  
PROPOSED CASING AND CEMENTING PROGRAM22. APPROX. DATE WORK WILL START\*  
December, 1983This action is subject to administrative  
appeal pursuant to 30 CFR 230.

QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5	270'	Circulate to surf. 325 cuft
9 7/8"	7 5/8"	29.7	1550'	Circ. to surf. csg. 510 cuft
6 3/4"	4 1/2"	10.5	5025'	2 Stage: 142 cuft 539 cuft

1. Drill 14 3/4" hole to 270'. Set 10 3/4" surf. csg. @ 270' & cement to surface.
2. Pressure test csg. and BOP to 800 psi. Drill 9 7/8" hole to 1550'. Run 7 5/8" csg. to 1550' and cement to surface casing.
3. Pressure test csg. & BOP to 1000 psi. Drill 6 3/4" hole to 5025'. If productive, run 4 1/2" csg. to 5025' and cement in 2 stages to intermediate casing.
4. Cement Bond Log csg., perforate and stimulate Lower Gallup.

## EXHIBITS ATTACHED:

- A. Location and elevation plat.
- B. Access and road map to location and radius map.
- C. Blow out preventer schematic.
- D. Multi point requirements for APD.
- E. 10 point compliance.
- F. Production facilities layout.
- G. Drillpad layout and cut/fill cross-section.

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

(This space for Federal or State office use)

TITLE Drilling Supervisor

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED  
Robert Moore  
DEC 27 1983  
DATEAREA MANAGER  
FARMINGTON RESOURCE AREARECEIVED  
DEC 28 1983  
NMOCO  
OIL CON. DIV.

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTForm C-107  
Revised 10-1-78

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

Operator <b>SOUTHERN UNION EXPLORATION COMPANY</b>			Lease <b>CHAMPLIN-FEDERAL</b>		Well No. <b>3</b>
Unit Letter <b>A</b>	Section <b>10</b>	Township <b>25N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>330</b> feet from the <b>North</b> line and <b>330</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6297</b>	Producing Formation <b>Tocito Sd, Lower Gallup</b>		Pool <b>Bisti Lower Gallup</b>		Dedicated Acreage: <b>80</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.

Scale: 1"=1000'

## CERTIFICATION

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

*D. Schuler*  
Name  
Drilling Supervisor

Position  
Southern Union Exploration

Company  
October 28, 1983

Date

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  
October 25, 1983

Registered Professional Engineer  
and Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No. **3950**

