

30-043-20163

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Gas Storage SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Southern Union Gas Company

3. ADDRESS OF OPERATOR

1402 Fidelity Union Tower

Dallas, Texas 75201

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

At surface 2000 Ft FNL and 300 Ft FWL

At proposed prod. zone Sec 29, T15N, R1E N.M.P.M.

Same as above

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

Five Miles West of San Ysidro

New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

300 Ft.

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1900 Feet

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

2425 Ft.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

Not applicable

20. ROTARY OR CABLE TOOLS

Rotary

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

5742 Ungraded Elevation

22. APPROX. DATE WORK WILL START*

4-15-75

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	400 Ft.	275 Cu Ft
7 7/8"	5 1/2"	15.5#	2425 Ft.	700 Cu Ft

- We propose to drill a 7 7/8" hole to a total depth of 2425 Ft.
Run
- 5 1/2", 15.5#, K-55 casing to a total depth with a stage collar set at approximately 1200 Ft.
- Cement first stage with approximately 350 Cu. Ft. and second stage with approximately 350 Cu. Ft.
- The Aqua Zarca sand member of the Chinle Formation will be perforated and evaluated for possible gas storage.

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

H. J. Boyd

TITLE Project Engineer

DATE 3-20-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APR 24 1975

U. S. GEOLOGICAL SURVEY

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.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form 1-11
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

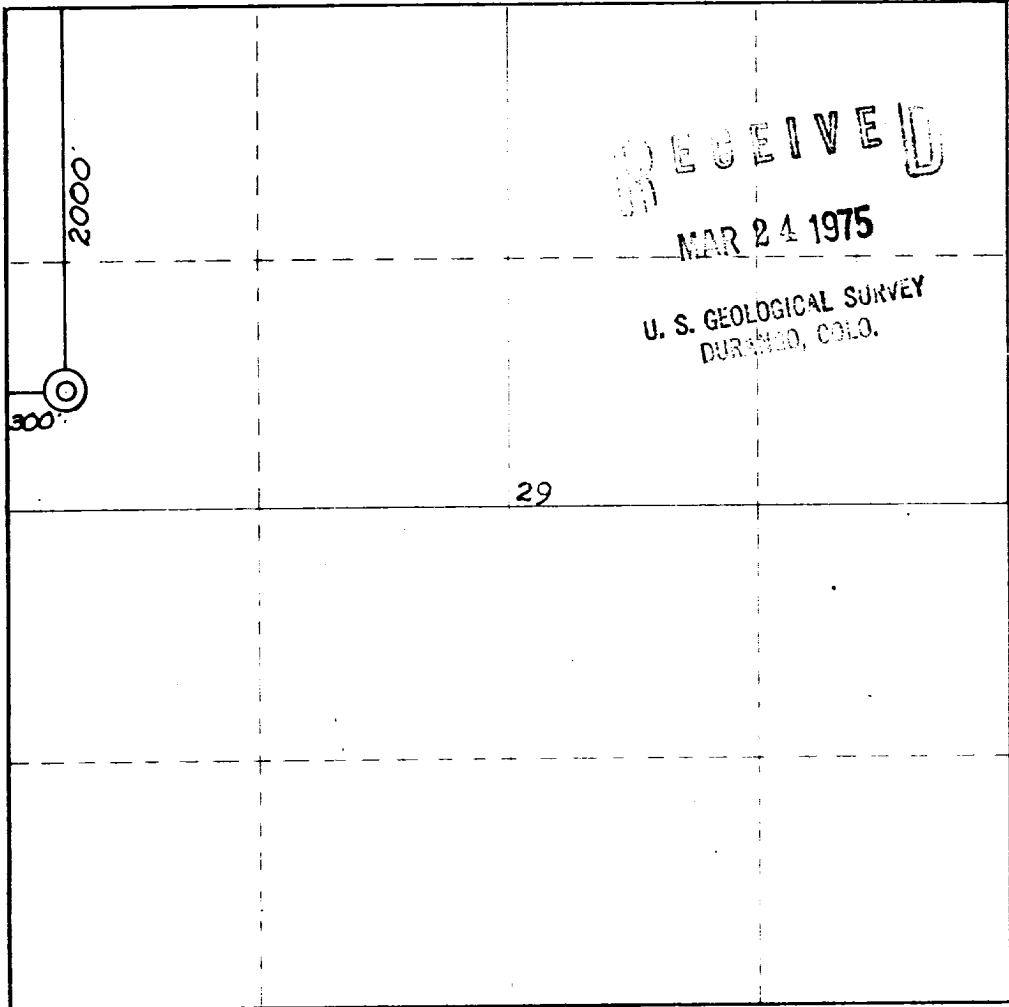
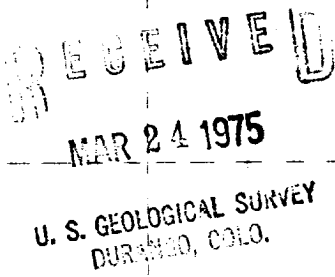
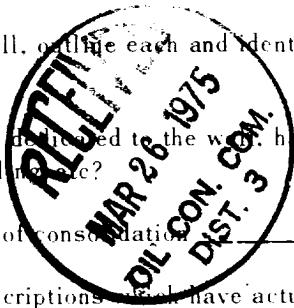
Operator SOUTHERN UNION GAS COMPANY				Lease DEANS #1-16	
Map Letter E	Section 29	Township 15 NORTH	Range 1 EAST	County SANDOVAL	
Actual Footage Location of Well:					
2000 feet from the NORTH		line and	300	feet from the WEST	line
Ground Level Elev. 5742	Perforation Formation		Depth	Dedicated Acreage	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



CERTIFICATION

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

H. J. Boyd
Project ENGINEER
Southern Union Gas Co
3-20-75

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.

