

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

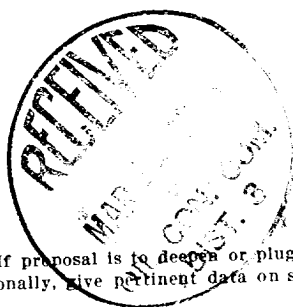
30-045-21732

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. S.F. 047020-b
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input 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 Garland B
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790 ft. from the South line & 860 ft. from the West line. At proposed prod. zone Same as above.		9. WELL NO. 1-R
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 miles South of Bloomfield, New Mexico.		10. FIELD AND POOL, OR WILDCAT Fulcher - Kutz
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 790 - Unit	16. NO. OF ACRES IN LEASE 1183.91	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T-29N, R-11W N.M.P.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Approx. 200 ft.	19. PROPOSED DEPTH 1800 ft.	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5512 Gr.	20. ROTARY OR CABLE TOOLS Rotary	13. STATE New Mexico
22. APPROX. DATE WORK WILL START* March 17, 1975		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	7-5/8"	26.40#	100 ft.	100 sacks
6-3/4"	2-7/8"	6.40#	1800 ft.	200 sacks

We propose to drill a Pictured Cliffs gas well to a total depth of approx. 1800 feet. The zone will be sand-water fraced to stimulate production. 1", 1.7# tubing will be run to a depth of approx. 1700 feet. This well will replace the Garland "B" No. 1 which will be plugged and abandoned.



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FARMINGTON, N. M.

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 Lee TITLE Area Drilling Engineer DATE March 6, 1975
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY 62 TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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

Supersedes O-128
Effective 1-1-6

All distances must be from the outer boundaries of the Section

SOUTHERN UNION PRODUCTION CO.			Lease GARLAND B		Section 1-R
Well Letter M	Section 27	Township 29 NORTH	Range 11 WEST	County SAN JUAN	
Actual Location of Well: <div style="display: flex; justify-content: space-between;"> 790 feet from the SOUTH line and 860 feet from the WEST line </div>					
Section Type: 5512	Boundary From: Pictured Cliffs	Section: Fulcher - Kutz	Section Area: 160		

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 _____

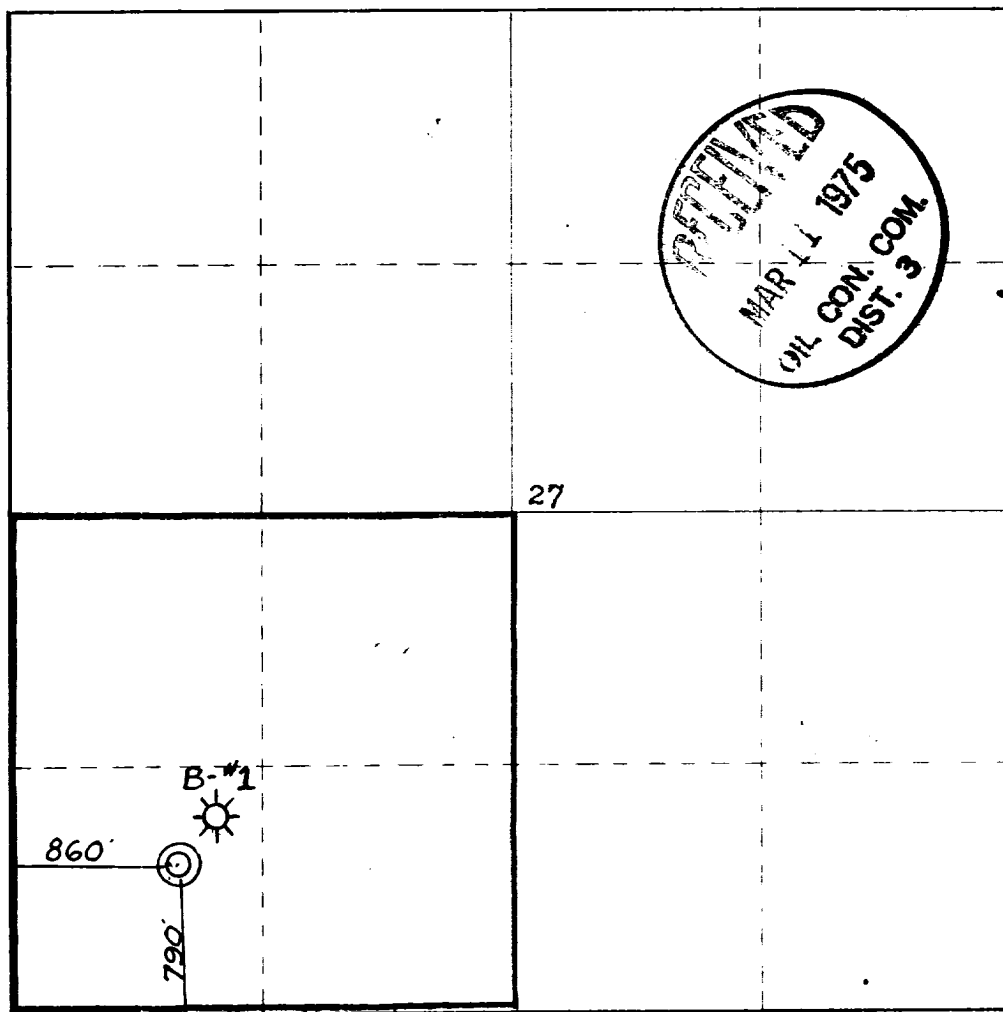
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been communitized (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

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FARMINGTON, N. M.



CERTIFICATION

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

Jerry L. Lee

Jerry L. Lee

Area Drilling Engineer

Southern Union Production

March 6, 1975

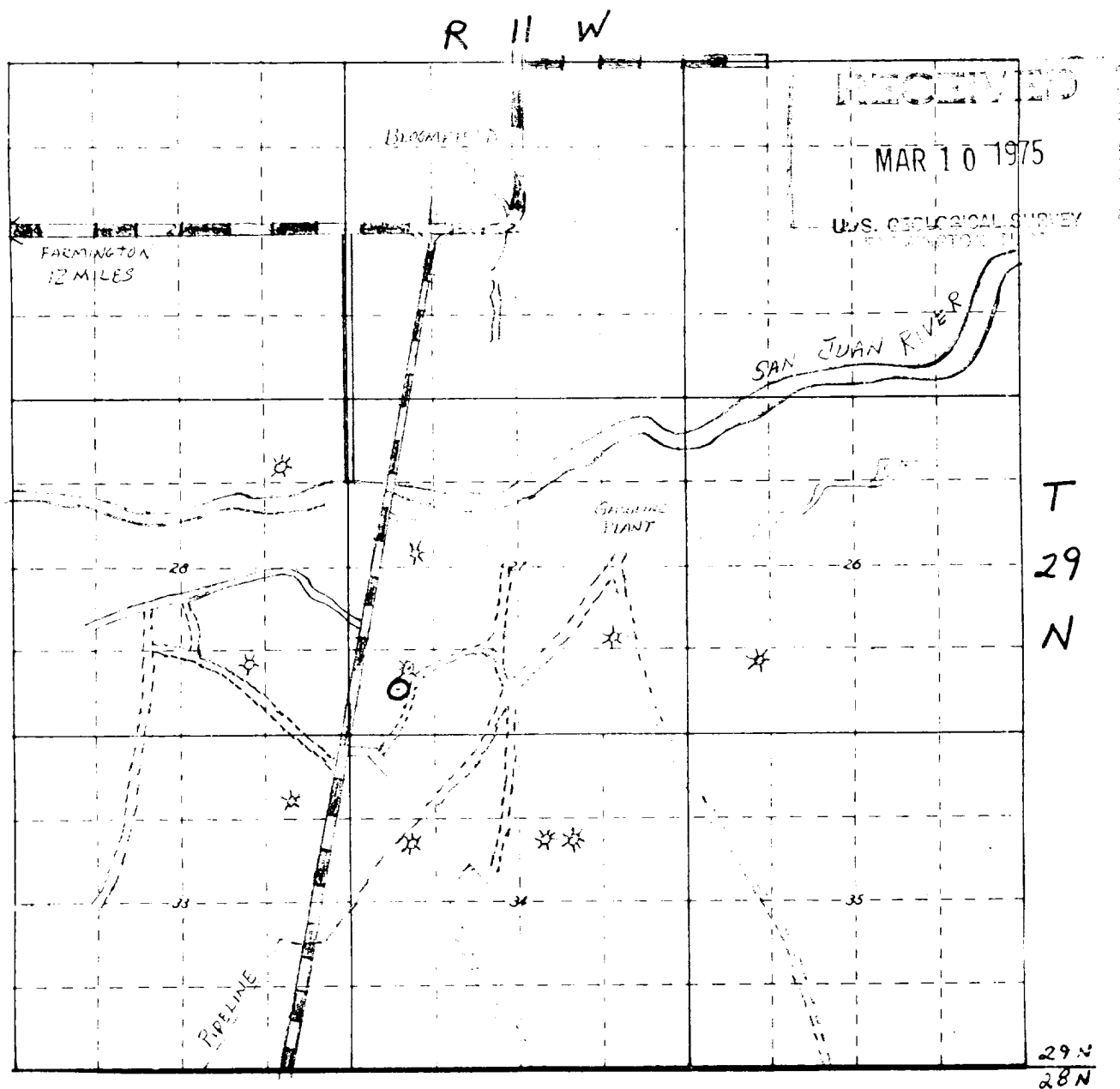
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

March 1975

Jerry L. Lee
Jerry L. Lee

1463

350 660 90 1320 1650 1980 2310 2640 2970 3300 3630 3960



SOUTHERN UNION PRODUCTION COMPANY
GARLAND NO. 1-R
790/S line & 860/W line
Sec. 27, T-29N, R-11W
SAN JUAN COUNTY, NEW MEXICO

- ☆ Existing Well
- Proposed Location
- Existing Road
- Proposed Access Road

SOUTHERN UNION PRODUCTION COMPANY

POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

March 6, 1975

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

Attention: Mr. P. T. McGrath

MAR 10 1975

U. S. GEOLOGICAL SURVEY

Dear Sir:

Southern Union Production Company proposes to drill its Garland No. 1-R Pictured Cliffs well located 790 feet from the South line and 860 feet from the West line of Section 27, Township 29 North, Range 11 West, 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 location.
5. 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.
6. Drilling and completion water will be obtained from the 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. 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.
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 relatively flat. Range grass is the predominant vegetation.

Yours very truly,

SOUTHERN UNION PRODUCTION COMPANY

Bill Vanderslice
Area Superintendent

BV:ml