

30-089-21002

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
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 **1165 ft. from the North line and 880 ft. from the West line.**
At proposed prod. zone **Same as above.**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles northwest of Ojito, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
4115 Lease Line
880 Unit Line

16. NO. OF ACRES IN LEASE
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
Approx. 285 ft.

19. PROPOSED DEPTH
4000 ft.

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7218 Gr.

22. APPROX. DATE WORK WILL START*
September 15, 1974

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#	150 ft.	125 sacks
7-7/8"	4-1/2"	10.5#	4000 ft.	1150 cubic feet

We propose to drill a well to be completed in the Pictured Cliffs formation. Estimated total depth will be 4000 feet. The formation will be sand fraced in order to stimulate production. 1-1/4" tubing will be set at approx. 3900 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. ORIGINAL SIGNED BY
B. R. VANDERSLICE TITLE **Area Superintendent** DATE **August 15, 1974**
SIGNED **B. R. Vanderslice** TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY *[Signature]* TITLE _____ DATE **AUG 20 1974**

CONDITIONS OF APPROVAL, IF ANY:

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.

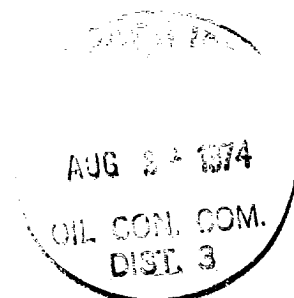
Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

SOUTHERN UNION PRODUCTION COMPANY

POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

August 15, 1974

United States Geological Survey
P. O. Box 1809
Durango, Colorado 81301



Dear Sir:

Southern Union Production Company proposes to drill its Jicarilla "A" No. 19 Pictured Cliffs well located 1165 feet from the North line and 880 feet from the West line of Section 24, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

Attached are maps showing the following data:

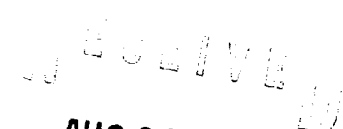
1. Existing roads.
2. Planned access roads.
3. Location of existing wells.
4. Lateral roads to well locations.
5. The location of tank batteries and flow lines are not presently known. After the well has been drilled and the location has been cleaned this equipment will then be installed on the existing location. It is requested that a subsequent map be submitted after determining the exact location.
6. Drilling and completion water will be obtained from our water well located in the SW/4, Section 23, Township 26 North, Range 4 West and from a sump on the Tapacito wash located in the SE/4 of Section 16, Township 26 North, Range 4 West.
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 near an existing road and producing well and is relatively flat. Sparse range grass is the predominant vegetation.

Yours very truly,

SOUTHERN UNION PRODUCTION COMPANY

ORIGINAL SIGNED BY
B. R. VANDERSLICE

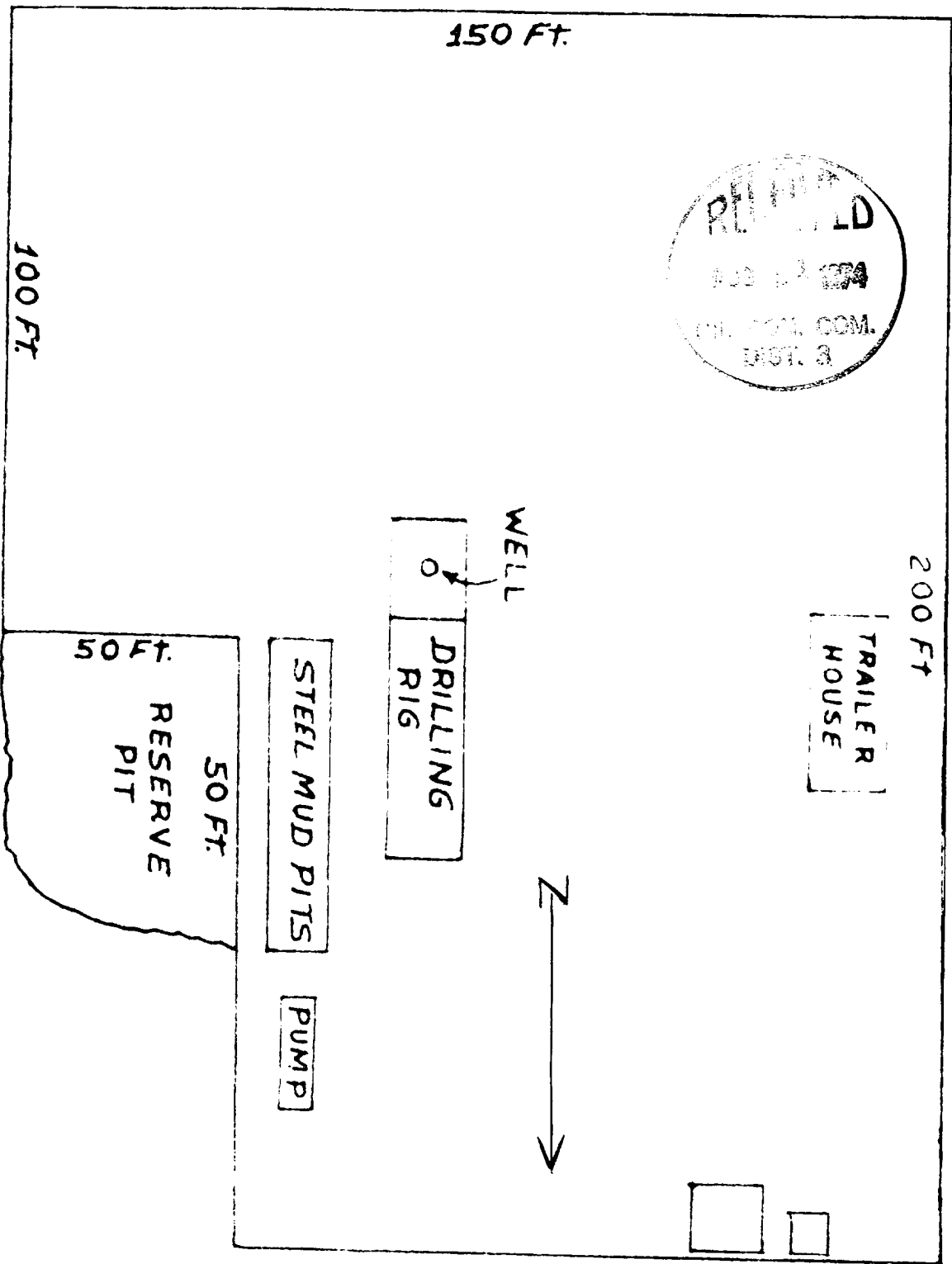
B. R. Vanderslice
Area Superintendent



AUG 20 1974

U. S. GEOLOGICAL SURVEY

SOUTHERN UNION PRODUCTION COMPANY
JICARILLA "A" NO. 19
1165/N - 880/W, Sec. 27, T-26N, R-4W
RIO ARRIBA COUNTY, NEW MEXICO



LATRINE
2'x4'x4'Deef
BURN PIT
8'x12'x4'L

