

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-20853

## 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

1730 ft. from the North line & 1750 ft. from the West line.  
At proposed prod. zone Same as above

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

13 miles Northwest of Ojito, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

1730 ft.

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

Approx. 950 ft.

## 16. NO. OF ACRES IN LEASE

2560

## 19. PROPOSED DEPTH

3950 ft.

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7144 Ungraded Gr.

## 22. APPROX. DATE WORK WILL START\*

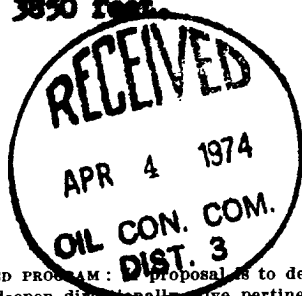
May 25, 1974

## 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#	300	260 cubic feet
7-7/8"	4-1/2"	9.50#	3950	1900 cubic feet

We propose to drill a Pictured Cliffs gas well. The same will be perforated and stimulated with a sand-water frac. 1-1/2", E.U.E., 2.90# tubing will be run to a depth of approx. 3850 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 direct hole, 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

SIGNED

B. R. Vanderslice

TITLE

Area Superintendent

DATE

March 29, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

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.

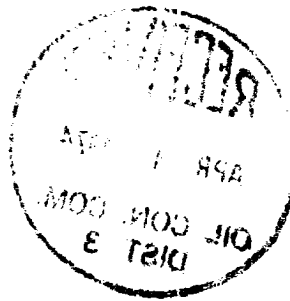
**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**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.



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-100  
Supersedes C-100  
Effective 1-1-60

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

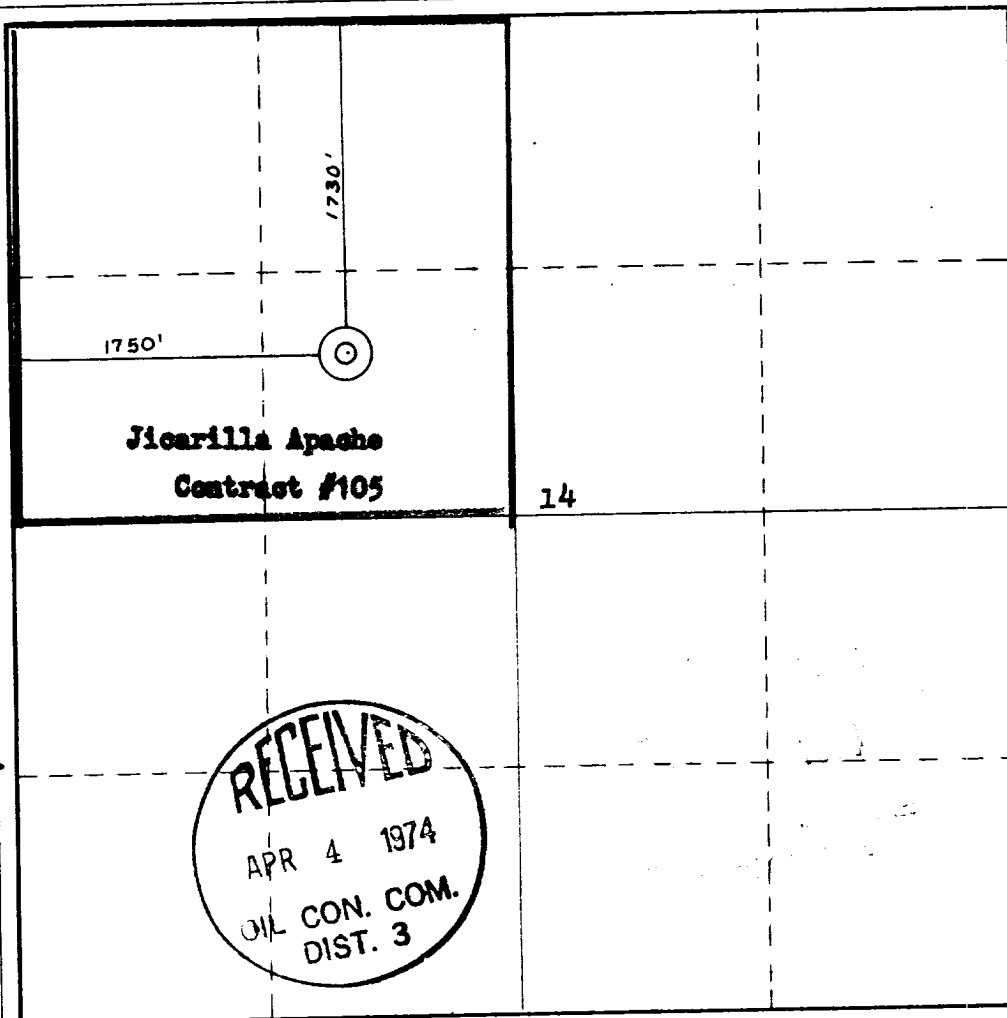
Operator <b>SOUTHERN UNION PRODUCTION CO.</b>		Lease <b>JICARILLA APACHE</b>		Well No. <b>A #17</b>
Unit Letter <b>F</b>	Section <b>14</b>	Township <b>26 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>1730</b> feet from the <b>NORTH</b> line and <b>1750</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>7144</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Tapacito - Pictured Cliffs</b>	Dedicated Acreage <b>20/4 = 100</b>	

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.



CERTIFICATION

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

ORIGINAL SIGNED BY

Name **B. R. VANDERSLICE**

Position **Professional Engineer**  
Company \_\_\_\_\_

Date **Southern Union Production**

**March 29, 1974**

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 **26 March 1974**

Registered Professional Engineer and/or Land Surveyor

**James P. Lucas**

Certificate No. **1463**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**SOUTHERN UNION PRODUCTION COMPANY**

POST OFFICE BOX 808  
FARMINGTON, NEW MEXICO 87401

March 29, 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. 17 Pictured Cliffs well located 1730 ft. from the North line and 1750 ft. from the West line of Section 14, 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. 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 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. 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. Pinon is the predominant vegetation.

Yours very truly,

SOUTHERN UNION PRODUCTION COMPANY

ORIGINAL SIGNED BY

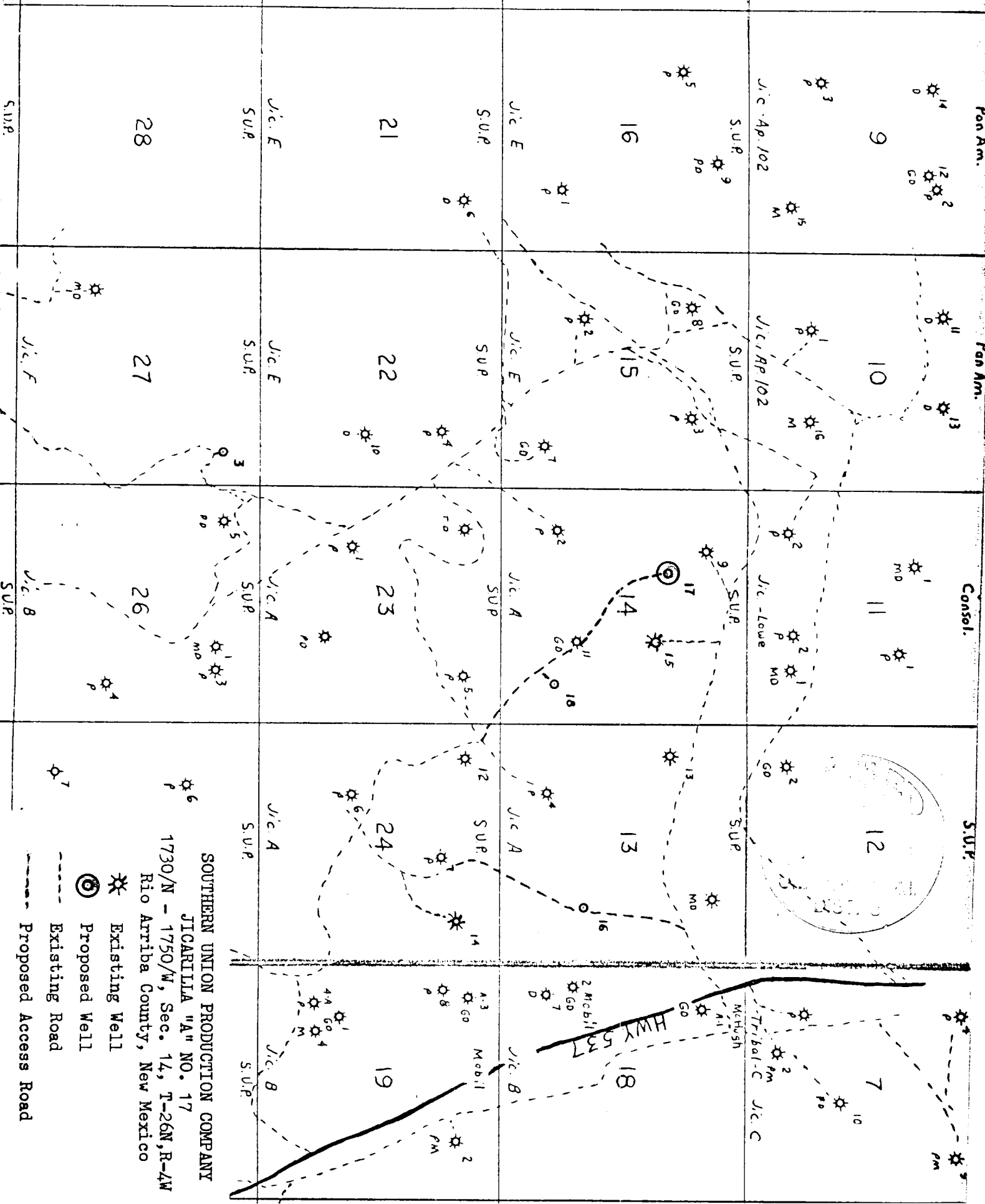
B. R. VANDERSLICE

Bill Vanderslice

Area Superintendent

BV:ml





SOUTHERN UNION PRODUCTION COMPANY

JICARILLA "A" NO. 17

1730/N - 1750/W, Sec. 14, T-26N, R-4W

Rio Arriba County, New Mexico

SOUTHERN UNION PRODUCTION COMPANY  
JICARILLA "A" NO. 17  
1730/N; 1750/W SEC. 14, T-26-N; R-4-W  
RIO ARriba COUNTY, NEW MEXICO

