#### SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

30-039-20905

5. LEASE DESIGNATION AND SERIAL NO.

2500 cubic ft.

#### UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY Contract #107 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Jicarilla Apache 7. UNIT AGREEMENT NAME 1a. TYPE OF WORK PLUG BACK DEEPEN DRILL XX b. TYPE OF WELL MULTIPLE ZONE S. FARM OR LEASE NAME SINGLE ZONE GAS WELL WELL OTHER Jicarilla "F" 2. NAME OF OPERATOR Southern Union Production Company 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT P. O. Box 808, Farmington, New Mexico 87401 recito - Pictured Cl 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 790 Tt. from the North line & 790 ft. from the East line. Sec. 27, T-268, R-44 Same as above. At proposed prod. zone H.X.P.X. COUNTY OR PARISH | 13. STATE 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. New Mexico 8 miles Morthwest of Ojito, New Mexico Rio Arriba 15. DISTANCE FROM PROPOSED\* 750 foot from lease | 16. No. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGN 160 - Pictured Cliffs TO THIS WELL LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any) 2560 320 - Bakota ROTARY OR CABLE TOOLS 18. DISTANCE FROM PROPOSED LOCATION\*
TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 19. PROPOSED DEPTH Rotery 8115 22. APPROX. DATE WORK WILL START\* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) Jumo 1, 1974 7068 Ungraded Ground PROPOSED CASING AND CEMENTING PROGRAM  $\overline{23}$ . QUANTITY OF CEMENT SETTING DEPTH WEIGHT PER FOOT SIZE OF CASING SIZE OF HOLE 250 mcks 24.0# 3**50 ft.** 

We propose to drill a dually completed Pictured Cliffs and Dakota gas well to an approximately T.D. of 8115 feet.

8115

Both zones will be fraced in order to stimulate production.

15.58

1-1/2" tubing will be run to both zones.

8-5/8"

12-1/4"

7-7/8

CONDITIONS OF APPROVAL, IF ANY:

bove the top of the Dakota formation. A production packer will

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal to della or deapen discount in the proposal is to drill or deapen discount in the proposal is to drill or deapen discount in the proposal is to drill or deapen discount in the proposal to della or deapen discount in the proposal to della or deapen discount in the proposal to plug back, give data on present productive zone and proposed new productive on subsurface locations and measured and true vertical depths. Give blowout zone. If proposal is to drill or deepen directionally sive

preventer program, if any. ORIGINAL SIGNED BY Nay 10, 1974 Area Superintendent B. R. VANDERSLICE B. R. Vanderslice (This space for Federal or State office use) PERMIT NO. \_ ADDROVED BY

\$ U.S. GOVERNMENT PRINTING OFFICE: 1972 782 222/208 REGION NO. 8

# Instructions

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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 and 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

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

Opera		ern	UNION P	RODUCTION CO.	Lease	TICARILLA	APACHE	·	Well No. <b>F #3</b>				
Unit L		Section		Township 26 NORTH	Ro	mge 4 WEST	County	ARRIBA					
Actua	l Footage Loc	ation o		LO HOREIN		7 1202	1 200						
Ground	790 d Level Elev.	feet	from the N	ORTH line and	790		t from the	EAST	line				
Groun	7068		•	d Cliffs-Dako	ta	spacito Pict asin Bakata	SELOC O	LIFE	12/2 - 320 - Pulleta				
1.	Outline th	e acr	eage dedica	ted to the subject w	ell by o	colored pencil v	r hachure	marks on th	e plat below.				
2.	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 allowat	ble wi	ll be assign						munitization, unitization,				
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		<u></u>	1		Jie	arilla Apael	<b>10</b>	1 hereby	certify that the well location				
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1			<b>1</b>	<del></del>				1	actual surveys made by me or supervision, and that the same				
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			1	· •		1		Date Survey.	March 1974				
			1			-		Registered F and/or Land	Professional Engineer Curveyor Q.				
			• •					Ita	mes P. Leese				
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#### SOUTHERN UNION PRODUCTION COMPANY

POST OFFICE BOX 808 FARMINGTON, NEW MEXICO 87401

May 10, 1974

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

Dear Sir:

Southern Union Production Company proposes to drill its Jicarilla "F" No. 3 dual Pictured Cliffs - Dakota well located 790 feet from the North line and 790 feet from the East line of Section 27, 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 showing the location of the rig, mud tanks, reserve pit,

burn pit, pipe racks, etc.

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.

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.

The location is relatively flat. Pinon, cedar and sage brush

is the predominant vegation.

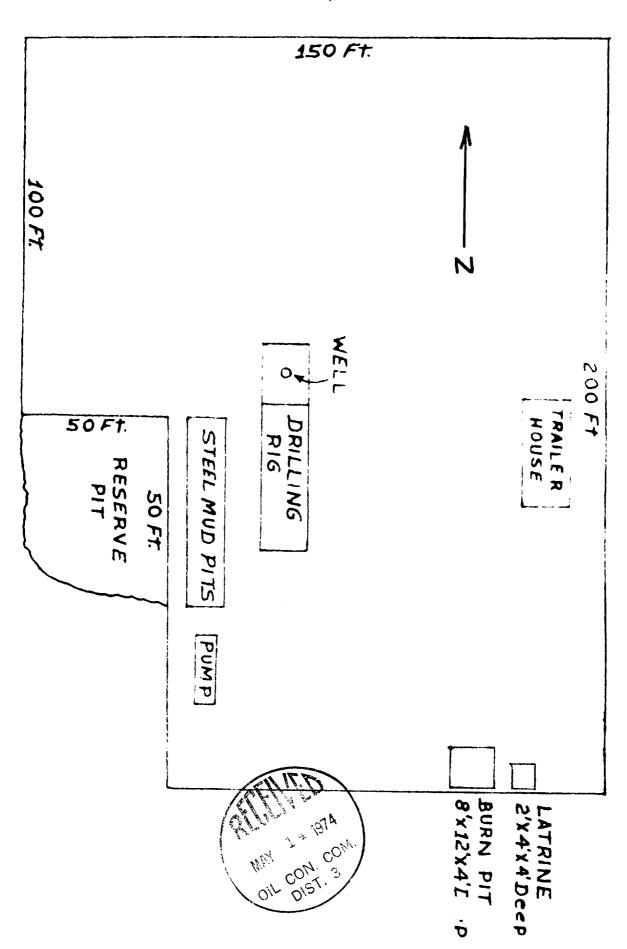
Yours very truly,

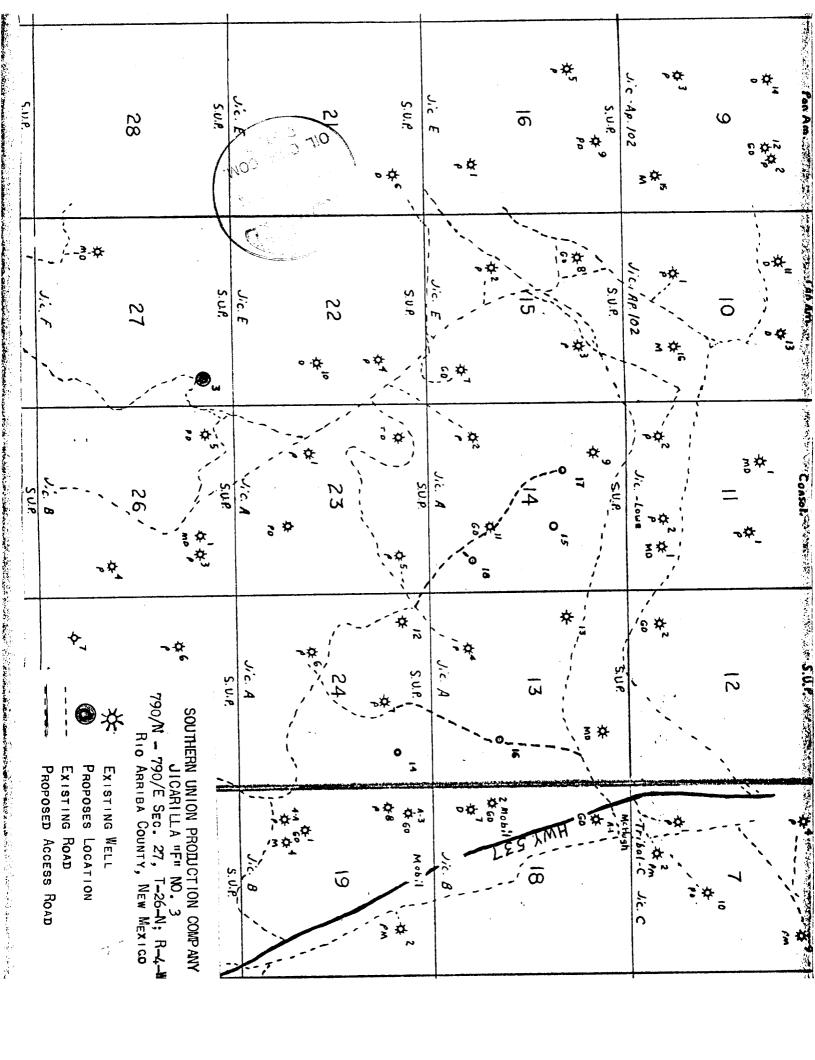
SOUTHERN UNION PRODUCTION COMPANY

B. R. Vanderslice Area Superintendent

BV:ml

## SOUTHERN UNION PRODUCTION COMPANY JICARILLA "F" NO. 3 790/N - 790/E Sec. 27, T-26-N; R-4-W RIO ARRIBA COUNTY, NEW MEXICO





## NEW MEXICO OIL CONSERVATION COMMSSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



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