

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROJECT NUMBER NO. 12 1122
11-170-33478
LEASE LOCATION AND SERIAL NO.
Lic. Contract #166

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache
UNIT AGREEMENT NAME

NAME OF LEASE NAME

Jicarilla B

WELL NO.

#15

FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

SPEC. T. R. M. OR B.L.
AND SURVEY OR AREA

Sec. 36-T26N-R4W NMPM

COUNTY OR PARISH STATE

Rio Arriba

New Mexico

NO. OF ACRES ASSIGNED
TO THIS WELL

E 320

RODENT OR CABLE TOOLS

Rotary 0-6200'

APPROX. DATE WORK WILL START

May 1, 1984

This action is subject to administrative

appeal pursuant to 30 CFR 290.

QUANTITY OF CEMENT

260 cu ft (Circ. to surface)
2 stages: 290 cu ft & 290 cu ft

1. NAME OF WELL

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

GAS

WATER ☒

OTHER

SINGLE

ZONE ☒

MULTIPLE

ZONE ☐

3. NAME OF OPERATOR

SOUTHERN UNION EXPLORATION COMPANY

4. ADDRESS OF OPERATOR

P. O. Box 2179 Farmington, N.M. 87499

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

1375' FSL & 2290' FEL

ALL DEEPEST PROD. ZONE Same

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

40 miles SSW of Dulce, New Mexico

7. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1375'

US. MIN. ACRES IN LEASE

2560

8. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL DRILLING COMPLETED

OR OTHER FOR ON THIS LEASE, FT.

2184'

9. PROPOSED DEPTH

6200'

10. CEMENT TYPE (Show whether DE, RT, GR, etc.)

7075' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLY WITH ATTACHED
"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE

SIZE OF CASING

WEIGHT PER FOOT

SETTING DEPTH

12 1/4"

8 5/8"

32.0

350'

7 7/8"

4 1/2"

10.5 & 11.6

6200'

1. Drill 12 1/4" hole to 350'. Run 8 5/8", 32.0#/ft, K-55 casing and cement @ 350'.
2. Pressure test casing & BOP to 800 psi.
3. Drill 7 7/8" hole to 6200' w/water base mud.
4. Run Induction & Gamma Ray logs, Compensated Neutron density logs.
5. Run 4 1/2" 11.6 & 10.5# casing to 6200' & cement in two stage w/Multiple Stage tool @ 3950' (Lewis Shale).
6. Drill out stage tool & cement bond log.
7. Perforate and Stimulate Mesa Verde (Point lookout).

- EXHIBITS:
- A. C 102-Survey & location plat.
 - B. Ten point compliance
 - C. Surface use & operations plan
 - D. Topographic map
 - E. Cut/fill cross section
 - F. Drill pad layout

- G. Production Facilities layout
- H. Blow out preventer schematic

11. STATE OF THE FIELD (If proposed is to deepen or plug back, give data on present production zone and proposed new productive zone. If proposed is to drill or deepen directionally, give pertinent data on the area of operation and measured, true vertical depths. Give blowout prevention details.)

Drilling Supervisor

RECEIVED
JUN 8 1984
OIL CON. DIV.
DIST. 3

APPROVED
AS AMENDED
JUN 06 1984
AREA MANAGER
FARMINGTON RESOURCE AREA

All distances must be from the corner or corners of the section.

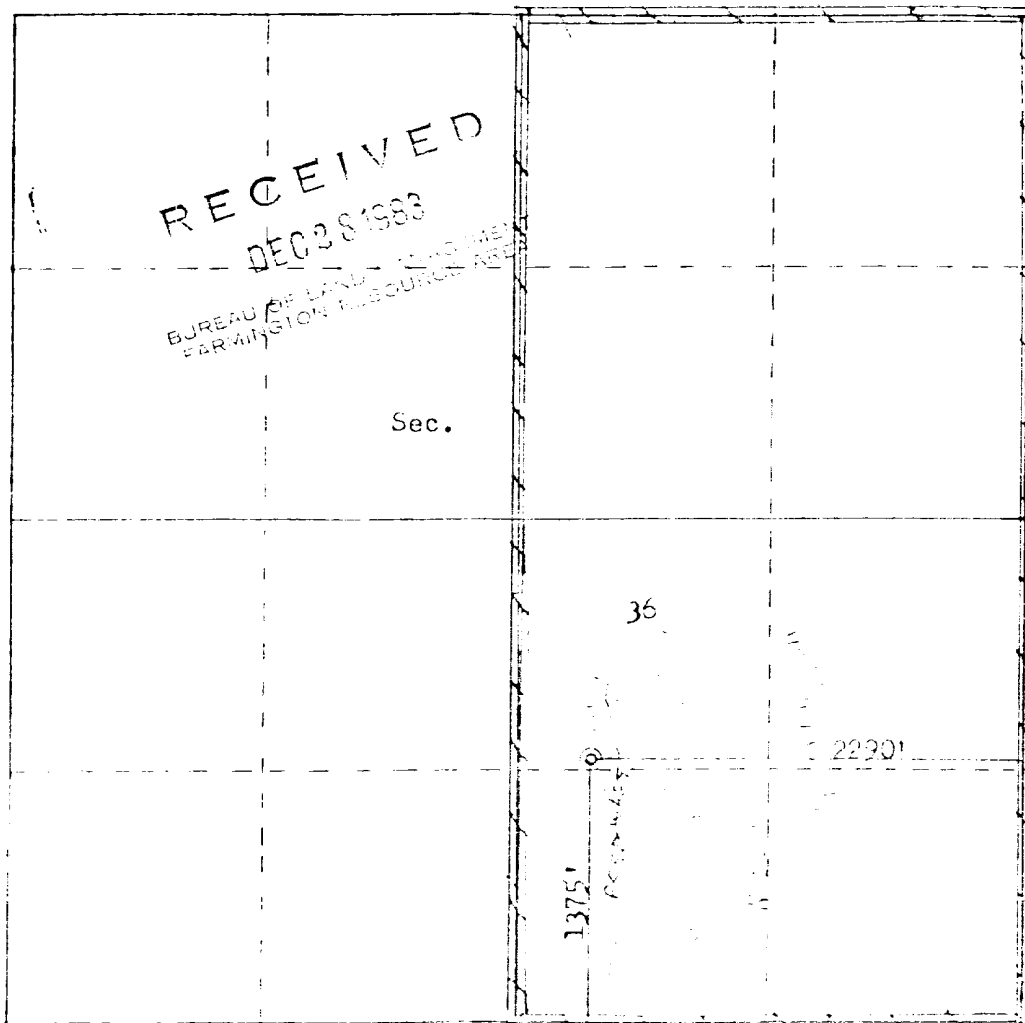
SOUTHERN UNION EXPLORATION COMPANY			Lease JICARILLA 000		Well No. 15
Well Letter J	Section 36	Township 26N	Range 10W	County Rio Arriba	
Actual Footage Location of Well:					
1375 feet from the South		line and 2290 feet from the East		line	
Ground Level Elev. 7075	Producing Formation Mesa Verde		Pool Blanco Mesa Verde		Dedicated Acreage: 320 Acres

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.



Scale: 1"=1000'

CERTIFICATION

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

Jeffrey J. Bollschweiler

Name

Jeffrey J. Bollschweiler

Position

Drilling Supervisor

Company

SOUTHERN UNION EXPLORATION

Date

December 5, 1983

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.

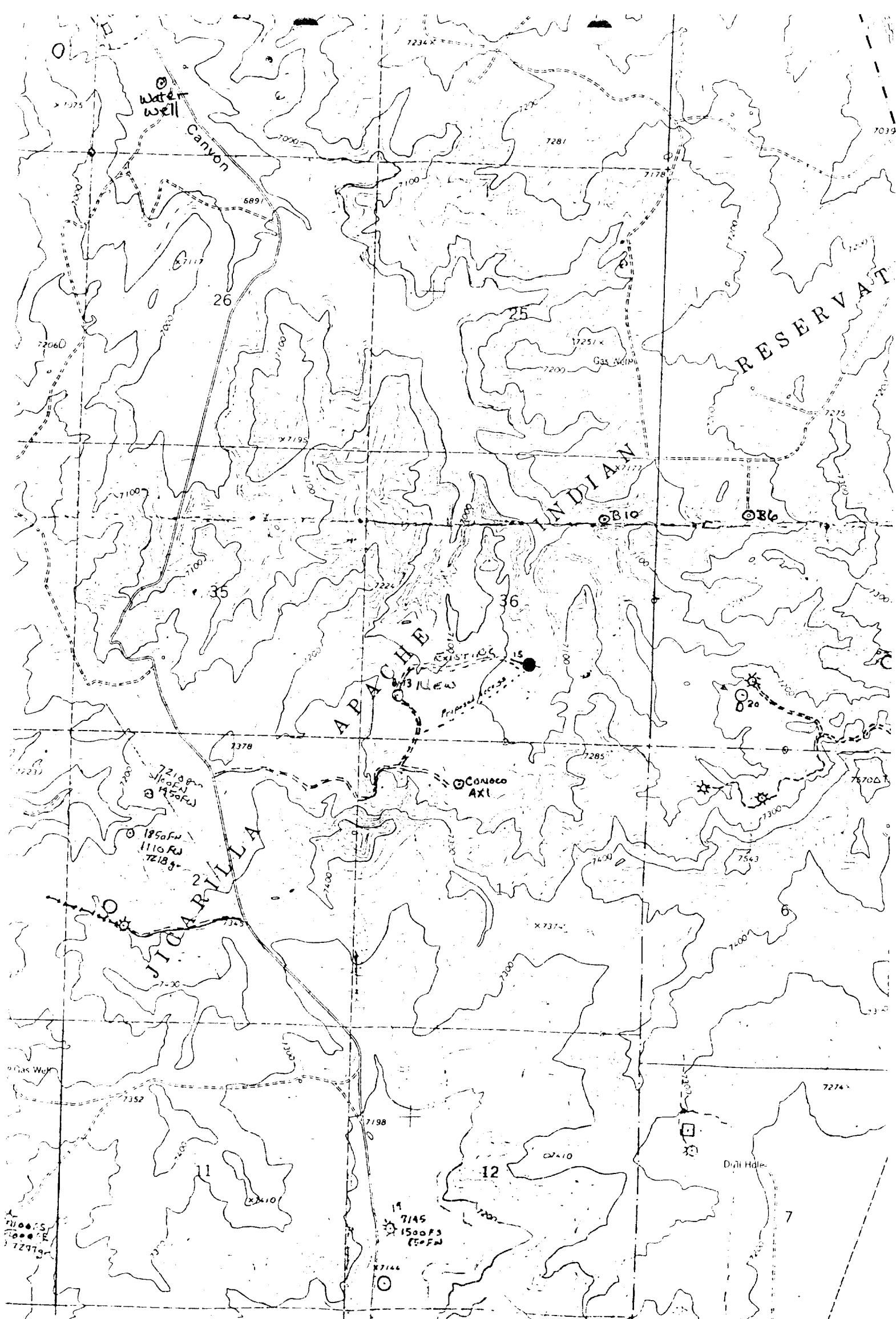
Date Signed

December 1, 1983

Registered Professional Engineer and Surveyor

Paul R. Kent Jr.
Paul R. Kent Jr.

3950



Vicinity Map for
SOUTHERN UNION EXPL. CO. #15 JICARILLA "B"
1375'FSL 2290'FEL Sec. 36-T26N-R4W
RIO ARriba COUNTY, NEW MEXICO

NM

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