

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

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, New Mexico 87401

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

At surface

800' PSL & 830' PWL

At proposed prod. zone

Same

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

31 miles northeast of Counselors, New Mexico

15. DISTANCE FROM PROPOSED*

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

800'

16. NO. OF ACRES IN LEASE

2560

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

240

19. PROPOSED DEPTH

7700'

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

6957' GL est.

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"	32#	400'	400 sx
7-7/8"	4-1/2"	11.6#	7700'	650 sx

Well to be drilled to test the Gallup and Dakota formations.

Completion intervals and stimulation will be determined after review of open hole logs.

Copies of location plat, development plan, and location sketch are attached.

Copies of logs will be sent upon completion of the well.

30-039-20964

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 125

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Apache Tribal 125

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT *EXT*
Lindroth Cal.-Dakota West

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
**SW/4 SW/4 Section 35,
T-25N, R-4W**

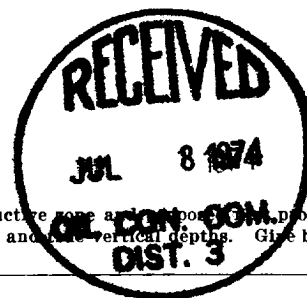
12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

17. NO. OF ACRES ASSIGNED
TO THIS WELL
160

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
July 9, 1974



PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to deepen or plug back, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

TITLE **Area Engineer**DATE **July 3, 1974**

APPROVAL DATE

TITLE

DATE

*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 drill 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 not 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
Supersedes 1-128
Effective 1-1-65

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

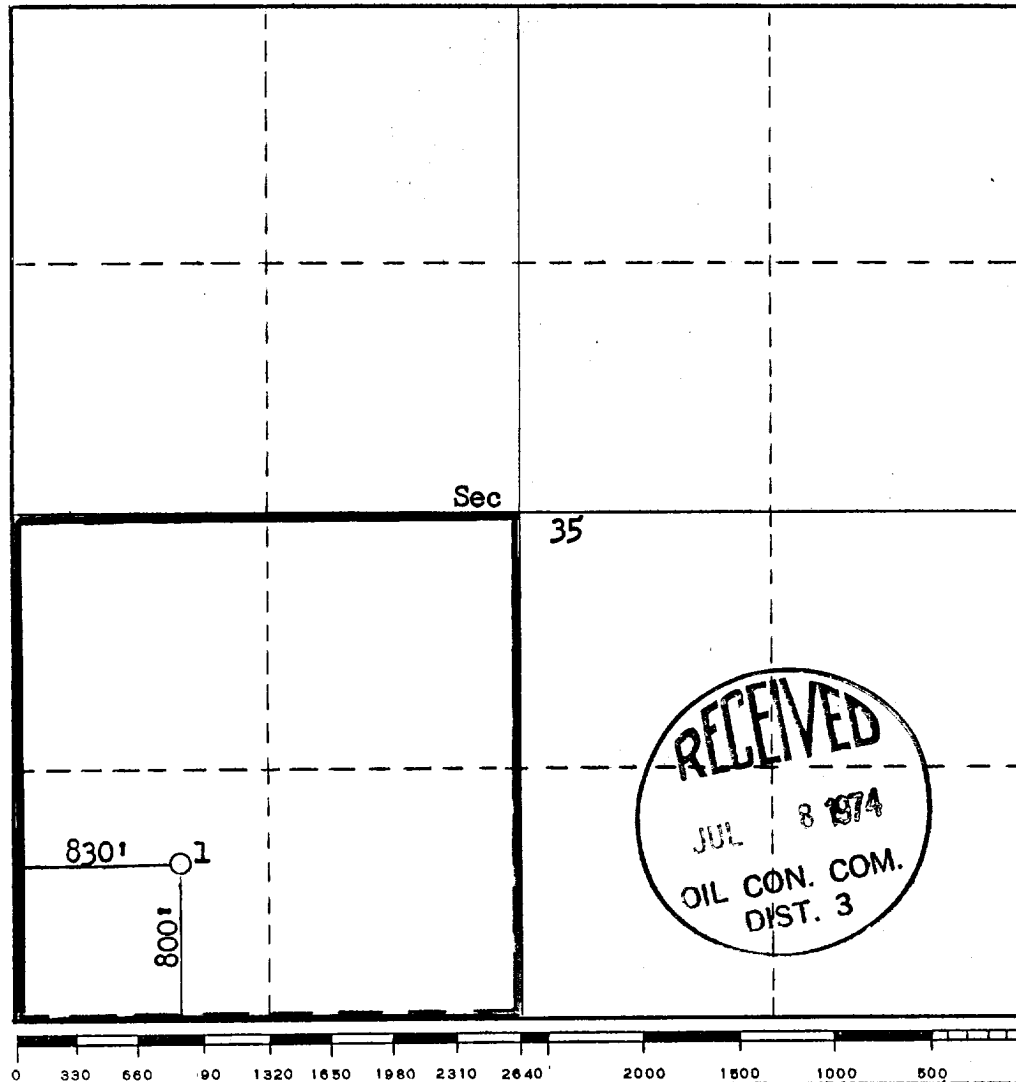
Operator Amoco Production Company			Lease Jicarilla Apache Tribal 125		Well No. 1
Unit Letter M	Section 35	Township 25N	Range 1W	County Rio Arriba	
Actual Footage Location of Well: 800 feet from the South line and 830 feet from the West line					
Ground Level Elev. 6957' est.	Producing Formation Gallup-Dakota	Pool Lindrith Gallup Dakota West	Dedicated Acreage: 160 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.



CERTIFICATION

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

R. E. McCleskey
Name

R. E. McCleskey

Position

Area Engineer

Company

AMOCO PRODUCTION COMPANY

Date

July 1, 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

June 27, 1974

Registered Professional Engineer and/or Land Surveyor

Fred B. Kern, Jr.
Fred B. Kern, Jr.

Certificate No.

3950

DEVELOPMENT PLAN
JICARILLA APACHE TRIBAL 125 NO. 1
800' FSL & 830' FWL, SECTION 35, T25N, R4W
RIO ARriba COUNTY, NEW MEXICO

The proposed location is located approximately 240 feet south of Continental's AXI Apache Well No. 3. Approximately 200 feet of road will be necessary to construct from existing roadway to location, ground conditions consist of sage brush, road and location will be prepared with the minimum damage.

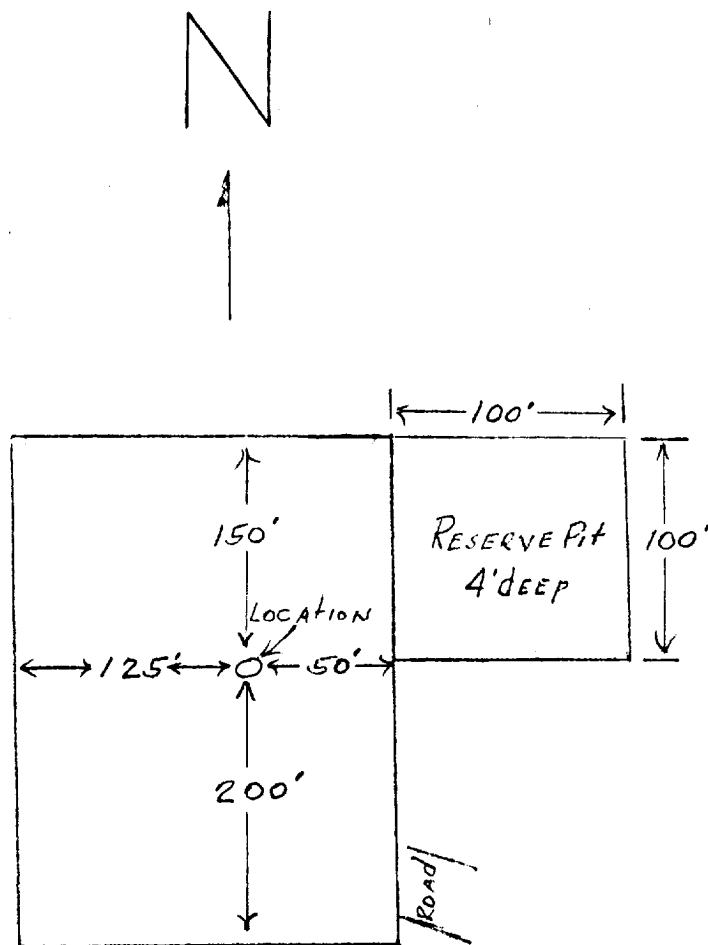
Arrangements are being made for trucking water to the location for drilling needs from Largo Wash Water Hole. Upon completion, the well location will be cleaned, leveled, and reserve pit backfilled. Drilling fluid will be a low solid, non-dispersed drilling mud. Amoco's standard blowout prevention will be employed, see attached drawing for blowout preventer design. The attached development plan shows in detail the location of the proposed well site in relation to other existing roads and locations. There are no camps or airstrips nearby. We believe the development plan drawings will answer any questions which might arise as to the proposed drilling site.

DEVELOPMENT Sketch

JICARILLA APACHE TRIBAL 125 No. 1

LOCATION 800 FSL 830 FWL

SECTION 35, T25N, R4W RIO ARriba CO., NEW MEXICO



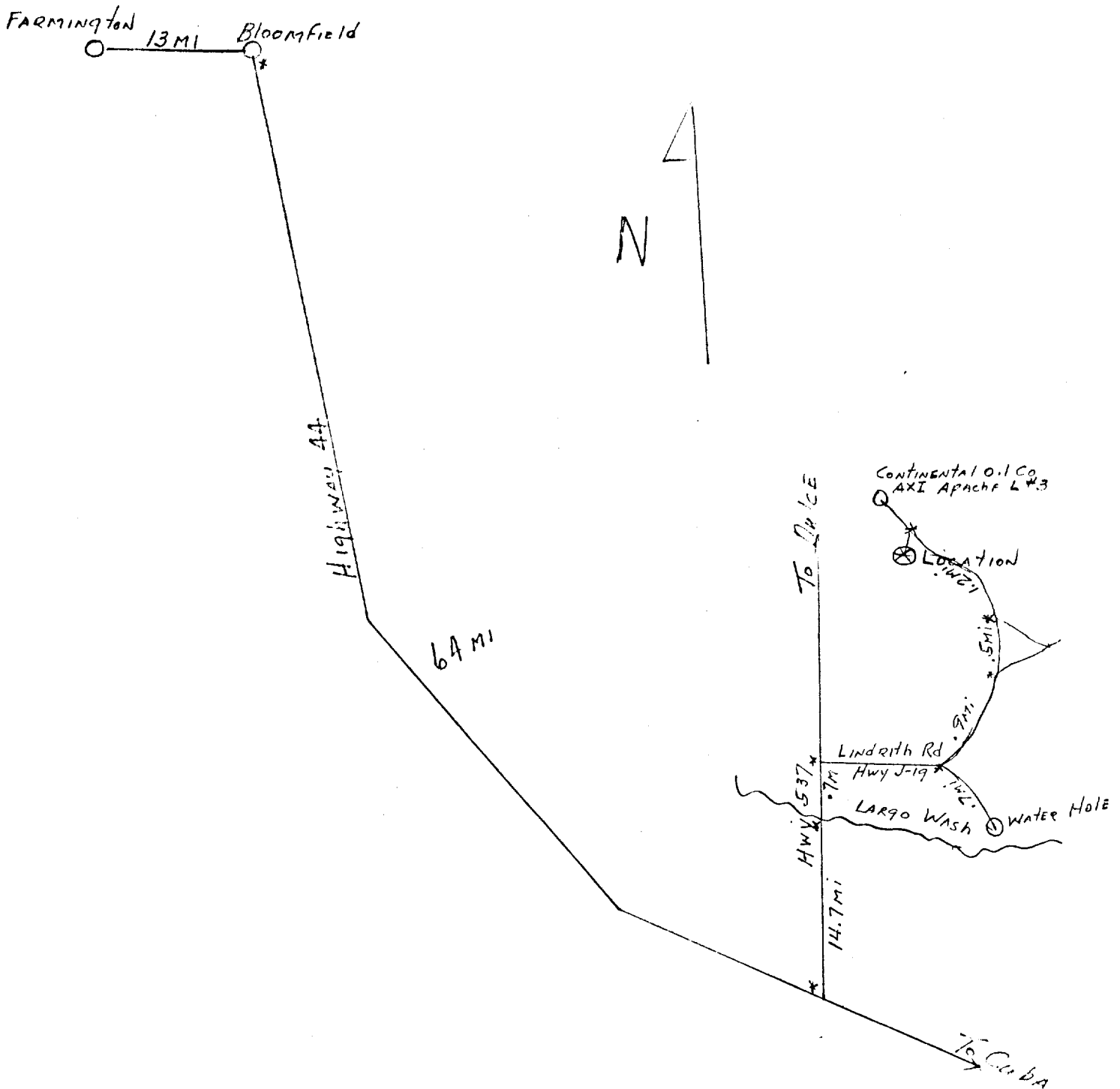
Amoco Production Company

SCALE: NONE

Drilling Location Specifications

DRG.
NO.

Location Sketch
JICARILLA APACHE TRIBAL 125 No. 1
LOCATION 800' FSL + 830' FWL
SECTION 35, T25N, R4W
RIO ARriba County, NEW MEXICO



POINT

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

107°15'
36°22'30"

299000m E.

301

1230° 302

AMOCO PRODUCTION COMPANY
JICARILLA APACHE TRIBAL 125 NO. 1
800' FSL & 830' FWL
RIO ARriba COUNTY, NEW MEX.

4027000m N.

Cañon de los Ojitos

CURRA IVIA N MEX 4-1 101 MI

T. 25 N.
T. 24 N

4024

20
4023

4022

Drill Hole

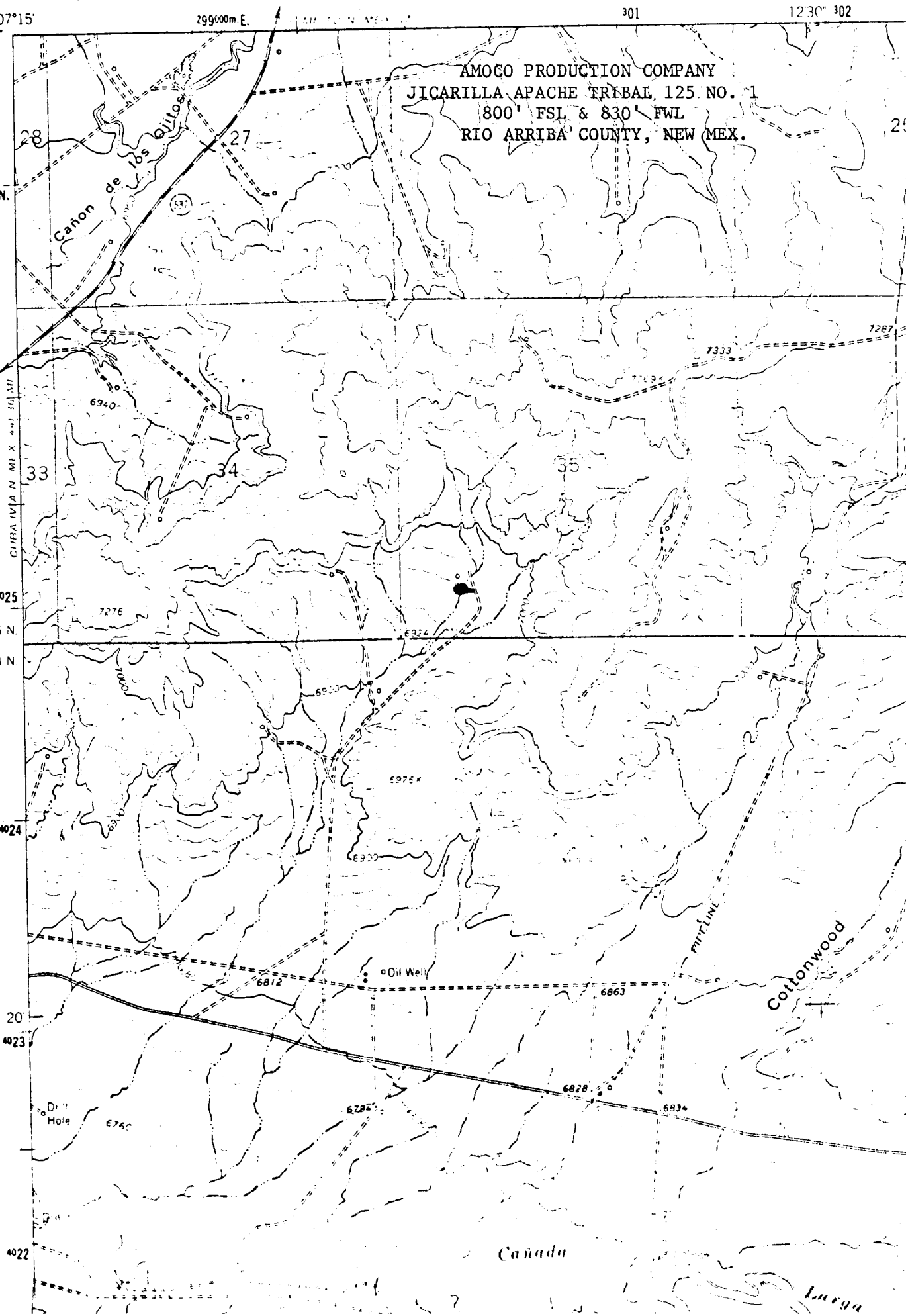
Oil Well

PIPELINE

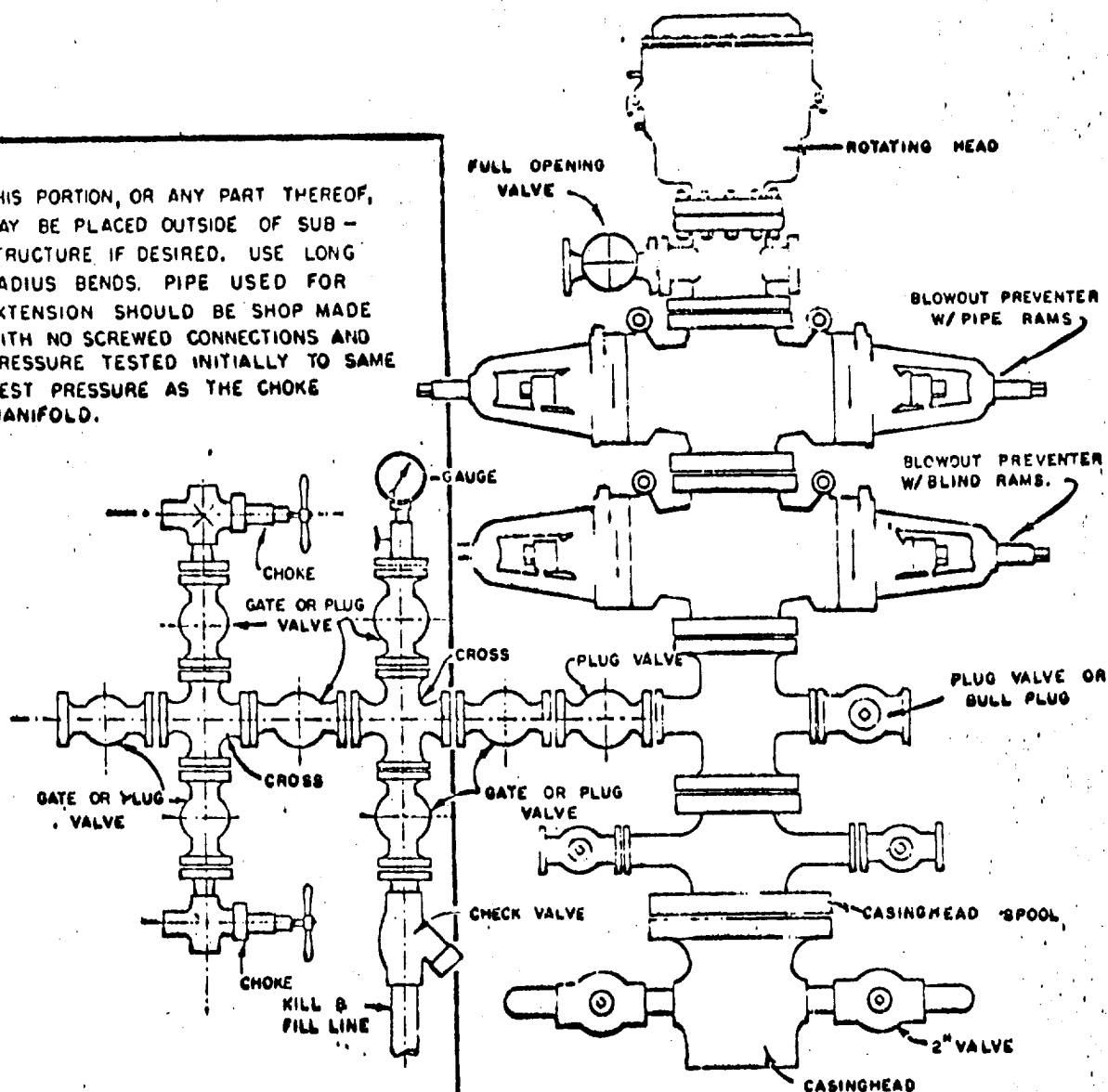
Cottonwood

Cañada

Larga



THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

AMOCO PRODUCTION COMPANY

EXHIBIT D-4
OCTOBER 16, 1961