

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

JOHN E. SCHALK

## 3. ADDRESS OF OPERATOR

P.O. BOX 25825, ALBUQUERQUE, NM 87125

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

At surface

D 990' FNL, 930' FWL, SEC. 25, T-29N, R-4W

At proposed prod. zone

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

55 Miles East of Blanco, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

930'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

3350'

## 16. NO. OF ACRES IN LEASE

640

## 19. PROPOSED DEPTH

4295'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

ROTARY

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

7232 GR

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

4-30-78

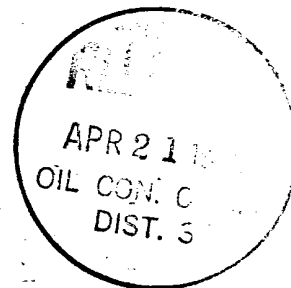
## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8	23#	250'	200 Sacks
7-7/8"	4-1/2"	10.5#	4295'	350 Sacks

## FORMATION TOPS

OJO Alamo	3470'
KIRTLAND	3705'
FRUITLAND	3845'
PICTURED CLIFF	4095'
TD	4295'

*gas is limited*

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.

SIGNED

(This space for Federal or State office use)

PERMIT NO.

TITLE OPERATOR

DATE 4-18-78

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APR 26 1978

\*See Instructions On Reverse Side

# NEW MEXICO OIL CONSERVATION COMMISSION

## WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator <b>JOHN E. SCHALK</b>			Lease <b>SCHALK 29-4</b>		Well No. <b>12</b>
Unit Letter <b>D</b>	Section <b>25</b>	Township <b>29 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>990 feet from the <b>NORTH</b> line and</span> <span>930 feet from the <b>WEST</b> line</span> </div>					
Ground Level Elev. <b>7232</b>	Producing Formation <b>Pciturred Cliff</b>		Pool <b>Chozalco</b> <del>Gobernador</del>	Dedicated Acreage: <b>160</b>	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 communization, unitization, force-pooling, etc?

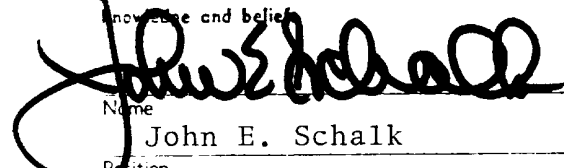
( ) Yes ( ) No If answer is "yes," type of consolidation .....

If answer is "no," list the owners and tract descriptions which have actually consolidated (Use reverse side of this form if necessary.) .....

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

### CERTIFICATION

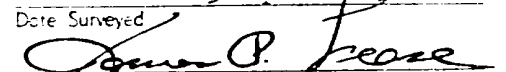
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

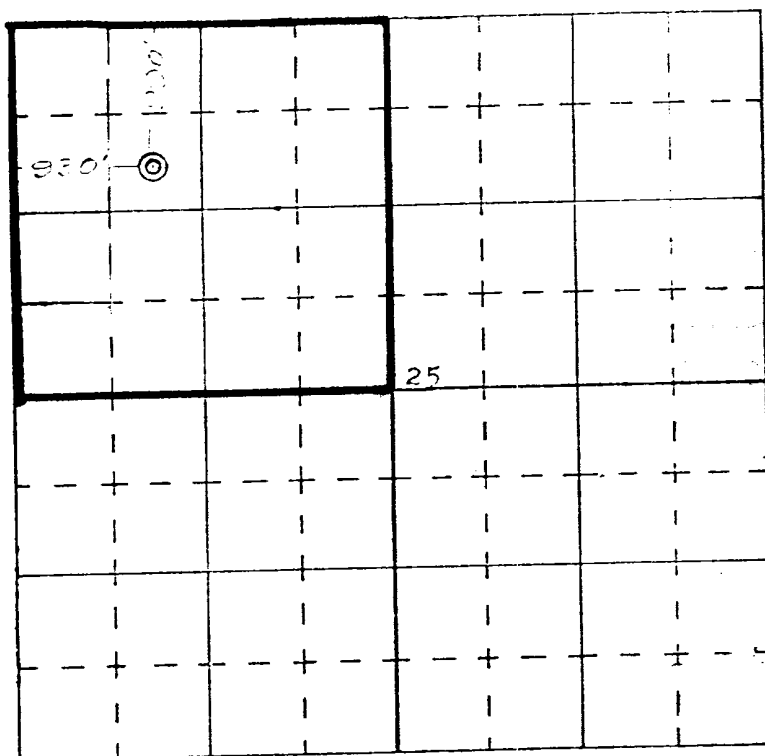
  
 Name  
**John E. Schalk**  
 Position  
**Operator**  
 Company

Date  
**4-18-78**

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.

**15 April 1978**

Date Surveyed  
  
 Registered Professional Engineer  
 and/or Land Surveyor **James P. Leese**



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

Certificate No. **1463**

## Multi-Point Surface Use and Operations Plan

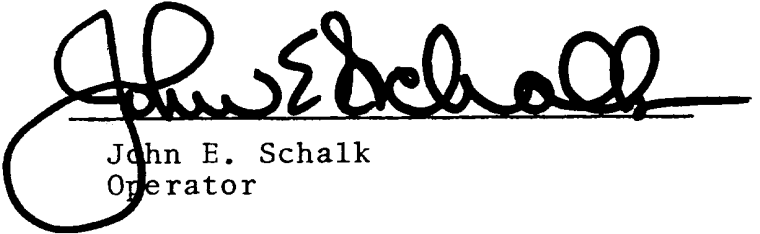
SCHALK 29-4 #12

1. Attached map shows a main road running from the South, through the corner of the section, and ending at the West edge. Also shown, is an existing logging road running from the main existing road North.
2. Planned Access Road: Will depart from main existing road, down an incline to existing logging road approximately 1000'. Another access road is planned to run from the existing logging road approximately 200' into proposed location.
3. Location of Existing wells: Schalk 29-4 Well No. 6 1170' from the South line, 950' from the West line, Section 25, Township 29 North, Range 4 West, Rio Arriba County, New Mexico.
4. Location of existing and/or proposed facilities: None.
5. Location and type of water supply: Water will be taken from a water hole 15 miles away and transported by truck to location.
6. Source of construction materials: None.
7. Methods for handling waste disposal: Cuttings to be disposed of in a reserve pit; a burn pit to be used for disposal of trash, garbage, etc.; and covered on clean-up of location.
8. Ancillary Facilities: None.
9. Well site layout: Per attached drawing.
10. Restoration of surface: Upon completion of drilling operations, the disturbed surface area will be restored as near as practical to its original contours. If sufficient top soil is encountered, it will be stockpiled for restoration of surface. Restoration will be to the satisfaction of the United States Geological Survey.
11. This location is directly on top of a hill and slopes in every direction. There will be an approximate 10' cut on top to level location. Vegetation is sage brush, Pinon and Juniper trees. The surrounding area is comparable and any disturbances to the wildlife will be only temporary. With the restoration of surface, surface damage will be minamal.
12. Lessee's or Operator's Representative: John E. Schalk, P. O. Box 25825, Albuquerque, New Mexico, 87125; or J.D. Christesson, 2301 Southside River Road, Farmington, New Mexico, 87401.

# CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Arapahoe Drilling Co. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE April 17, 1978

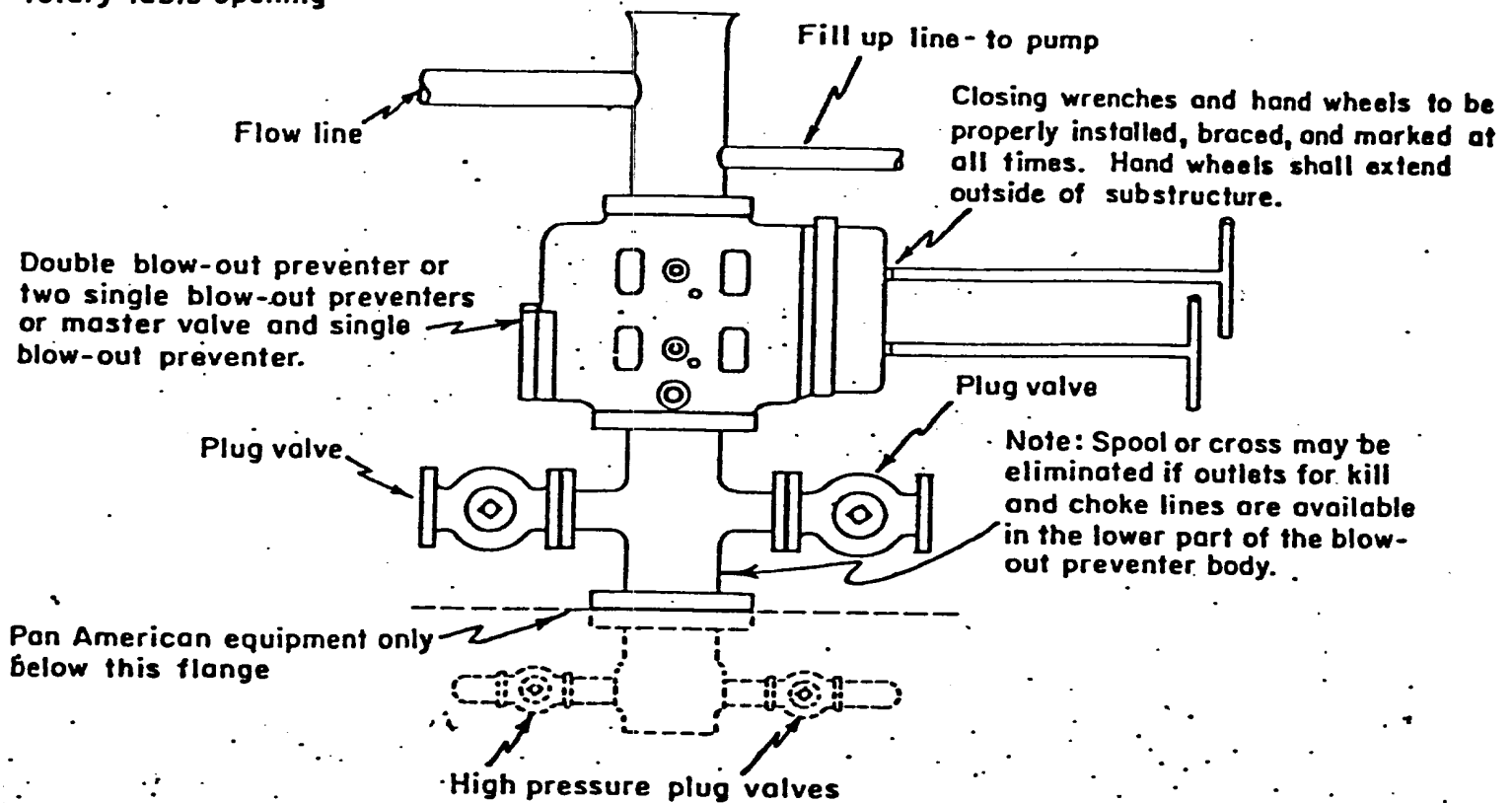


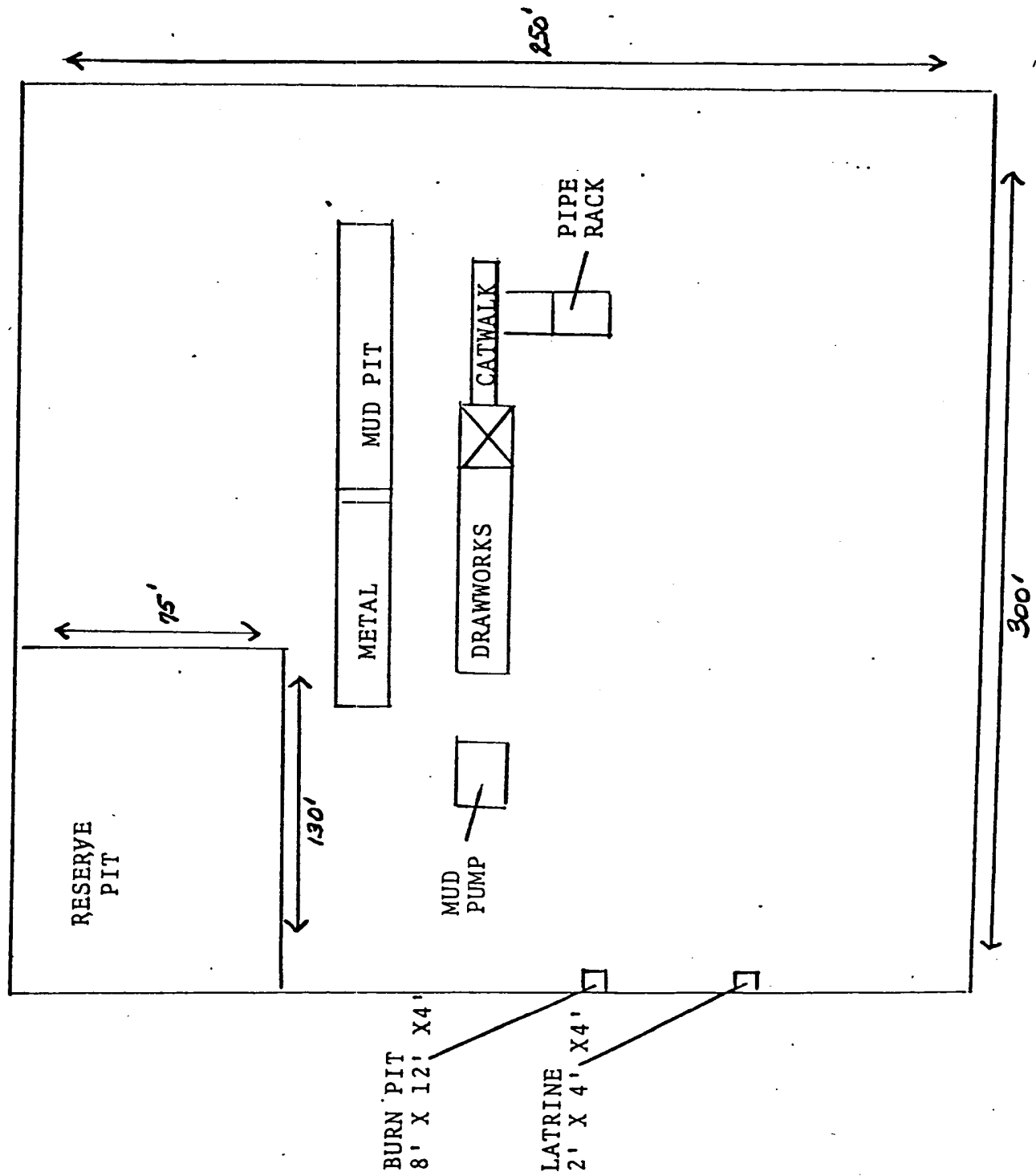
John E. Schalk  
Operator

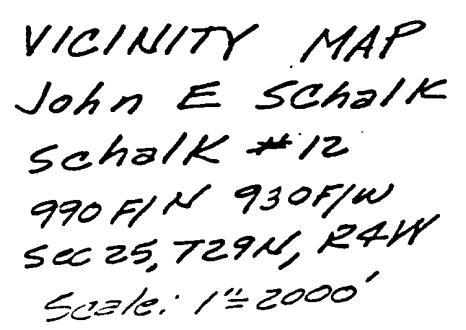
ARAPAHOE DRILLING CO.

BLOW-OUT PREVENTER HOOK-UP

Drilling nipple to be so constructed that it can be removed, without use of a welder, through rotary table opening







United States Department of Agriculture  
Forest ServiceSPECIAL USE  
APPLICATION AND REPORT

Ref: FSM 2712

FOREST SERVICE USE ONLY

a. Record no. (1-2) 70	b. Region (3-4) --	c. Forest (5-6) --
d. District (7-8) --	e. User number (9-12) ----	f. Kind of use (13-15) ---
g. State (16-17) --	h. County (18-20) ---	i. Card No. (21) 1

## PART I - APPLICATION (To be completed by applicant)

Application is hereby made for a permit to use National Forest land as indicated below:

## 1. Description of land: (Attach MAP or PLAT)

A one acre plot in the Northwest/4 of Section 25, Township 29 North, Range 4 West and construct two access roads right-a-way from the existing road, down an incline for approximately 1000' to a logging road; and from the logging road into the proposed location for approximately 200' as shown on the attached map. Lease No. NM 18324.

## 2. Purpose of use.

Construction and drilling the Schalk 29-4 Well No.12 gas well located 990' from the North Line, 930' from the West Line of Section 25, Township 29 North, Range 4 West, Rio Arriba County, New Mexico.

## 3. Land Area applied for (For Rights-of-Way show length and width and convert to acres; for other uses show acres)

Length in:  $\frac{\text{(Miles) or } 1000'}{\text{(Feet) } 200'} \times \text{Width } \frac{20'}{\text{(Feet)}} = \frac{.5}{.1} \text{ Acres}$

## 4. Improvements

## a. Description

Improvements will consist of a one acre gas well location, an access road, storage tanks, collection pits, and other paraphernalia necessary for the drilling maintenance and production of natural gas.

b. Plans attached ☐ Yes ☐ No. If "NO" show date plans will be furnished

c. Estimated cost

\$ 5,000.00

d. Construction will begin within

3

(Months)

e. Construction will be completed within

3

(Months)

Date of Application

4-18-78

Applicant's name and signature

John E. Schalk  
Operator

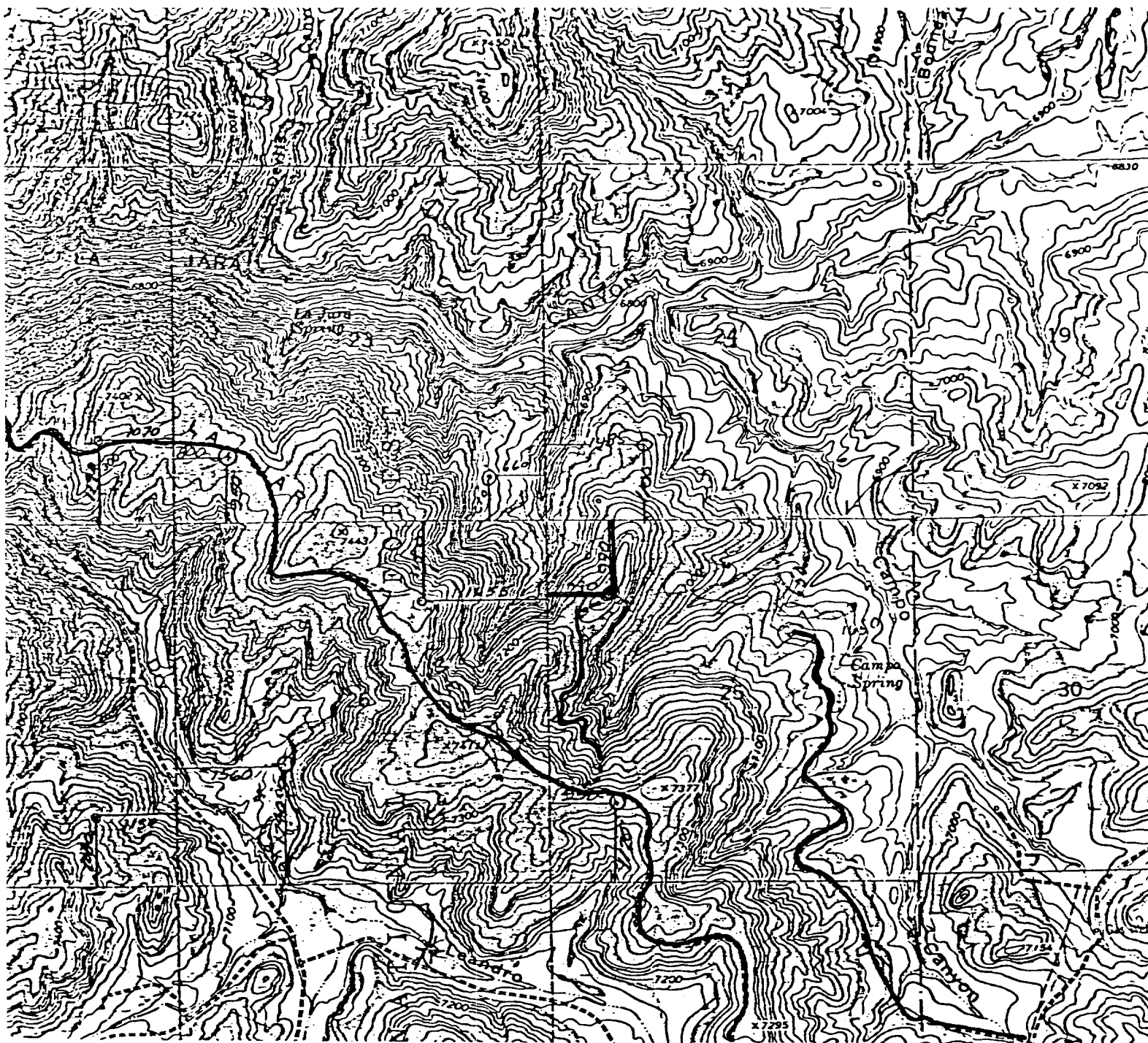
Applicant's address

P. O. Box 25825  
Albuquerque, NM 87125  
(ZIP Code)

(OVER)

2700-3 (7/71)





Schalk 29-4 #12

Sec. 25, T-29N, R-4W  
Rio Arriba County, N. M.

———— Existing Road  
----- Proposed Road