

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

Schalk Development Company

3. ADDRESS OF OPERATOR

P. O. Box 25825, Albuquerque, New Mexico 87125

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

At surface

K 1845' FSL; 1670' FWL; Sec. 33, T-31N, R-4W;
At proposed prod. zone Rio Arriba County, New Mexico

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

12 miles NE of Gobernador, New Mexico

15. DISTANCE FROM PROPOSED*

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

1670'

16. NO. OF ACRES IN LEASE

634.21

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 /

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

19. PROPOSED DEPTH

6100'

20. ROTARY OR CABLE TOOLS

Rotary

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

6657' GR

22. APPROX. DATE WORK WILL START*

July 3, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	150'	150 sacks circulated
7-7/8"	4-1/2"	10.5#	6100'	300 sacks

FORMATION TOPS

Kirtland	3070'
Fruitland	3340'
Pictured Cliffs	3463'
Cliff House	5660'
Menefee	5712'
Point Lookout	5930'
Total Depth	6100'



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.

SIGNATURE

TITLE

Schalk Development Company
Managing Partner

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

JUL 2 1979

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

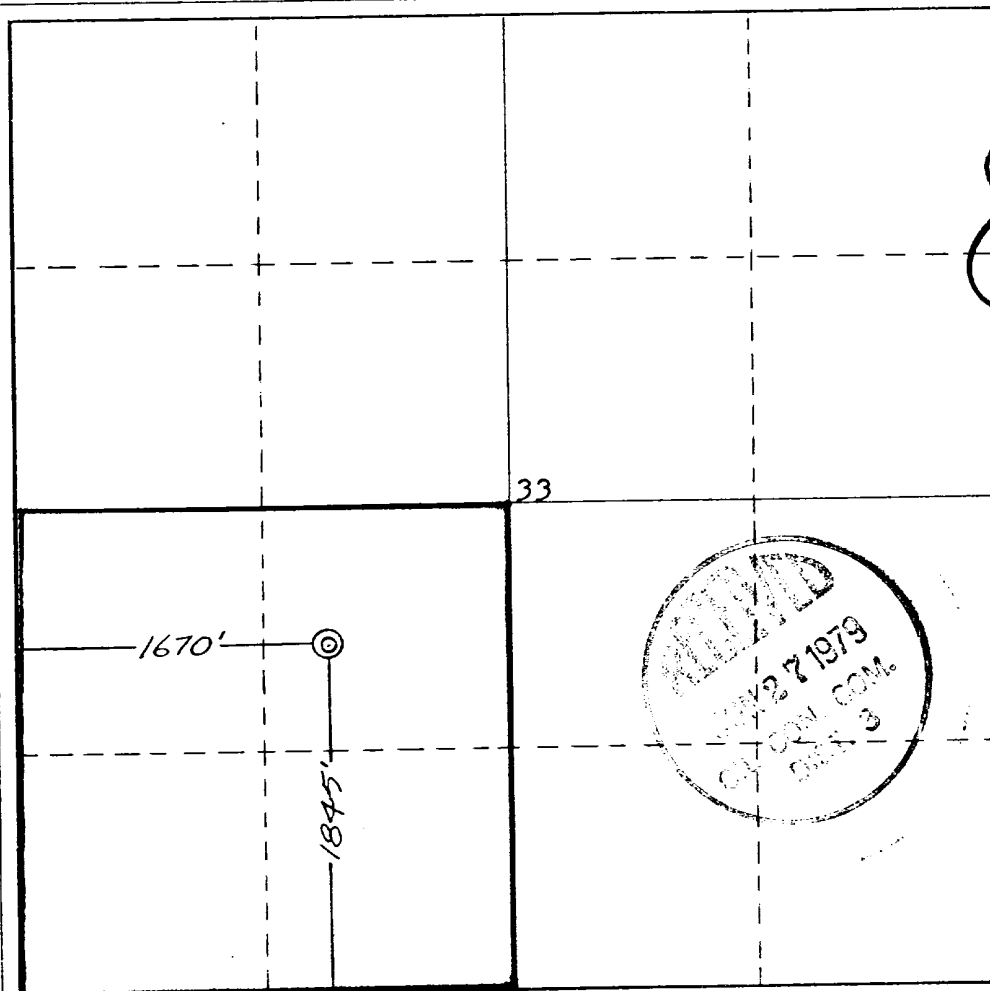
Operator SCHALK DEVELOPMENT COMPANY			Lease SCHALK 31-4		Well No. 2
Unit Letter K	Section 33	Township 31 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 1845 feet from the SOUTH line and 1670 feet from the WEST line					
Ground Level Elev. 6657	Producing Formation Mesa Verde		Pool Wildcat	Dedicated Acreage: 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

Name
John E. Schalk
Position
Managing Partner
Company
Schalk Development Co.
Date
6-25-79

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
21 June 1979
Registered Professional Engineer and/or Land Surveyor
James P. Leese
Certificate No.
1463

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

Multi-Point Surface Use and Operations Plan

1. Existing roads: Attached map shows existing road running from the West edge of the Section, Southeast, turning Northeast past proposed location. This existing road joins another existing road running from the West edge of the Section in a Southeastern direction.
2. Planned Access road: None.
3. Location of Existing wells: None.
4. Location of existing and/or proposed facilities: None.
5. Location and type of water supply: Water will be taken from Navajo Lake 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. The terrain for this proposed location is virtually flat, therefore no cuts or fills are anticipated. Vegetation is sage brush, and various grasses. The surrounding area is comparable and any disturbances to the wildlife will be only temporary. With the restoration of surface, surface damage will be minimal.
12. Lessee's or Operator's Representative: John E. Schalk, P. O. Box 25825, Albuquerque, New Mexico, 87125; Joe D. Christesson, 2301 Southside River Road, Farmington, New Mexico, 87401; or Steve Schalk, 913 Westgate Lane, NW, Albuquerque, New Mexico, 87107.

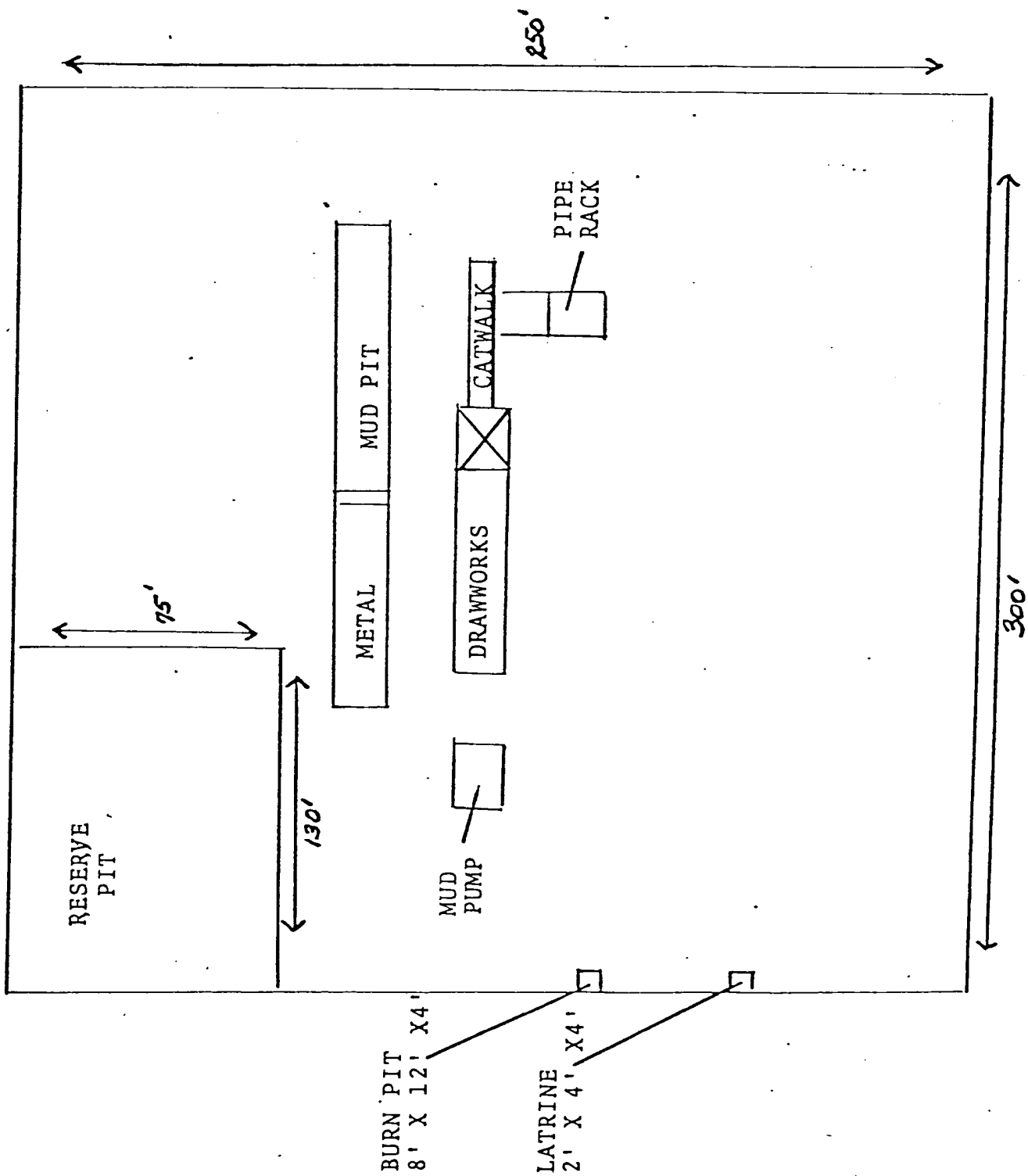
CERTIFICATION

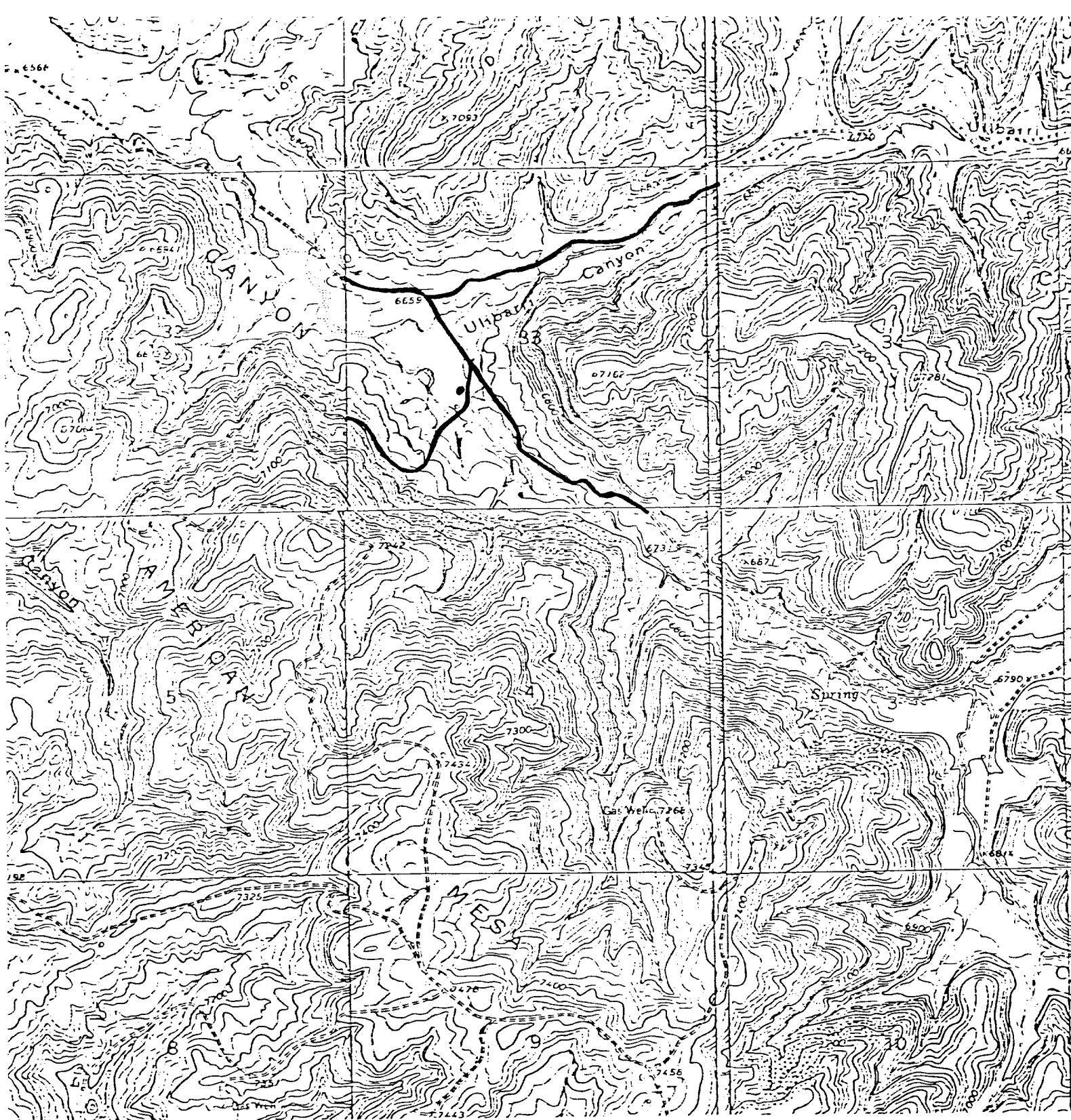
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated 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.

SCHALK DEVELOPMENT COMPANY

Date: 6/25/79


John E. Schalk
Managing Partner





Schalk Development Company

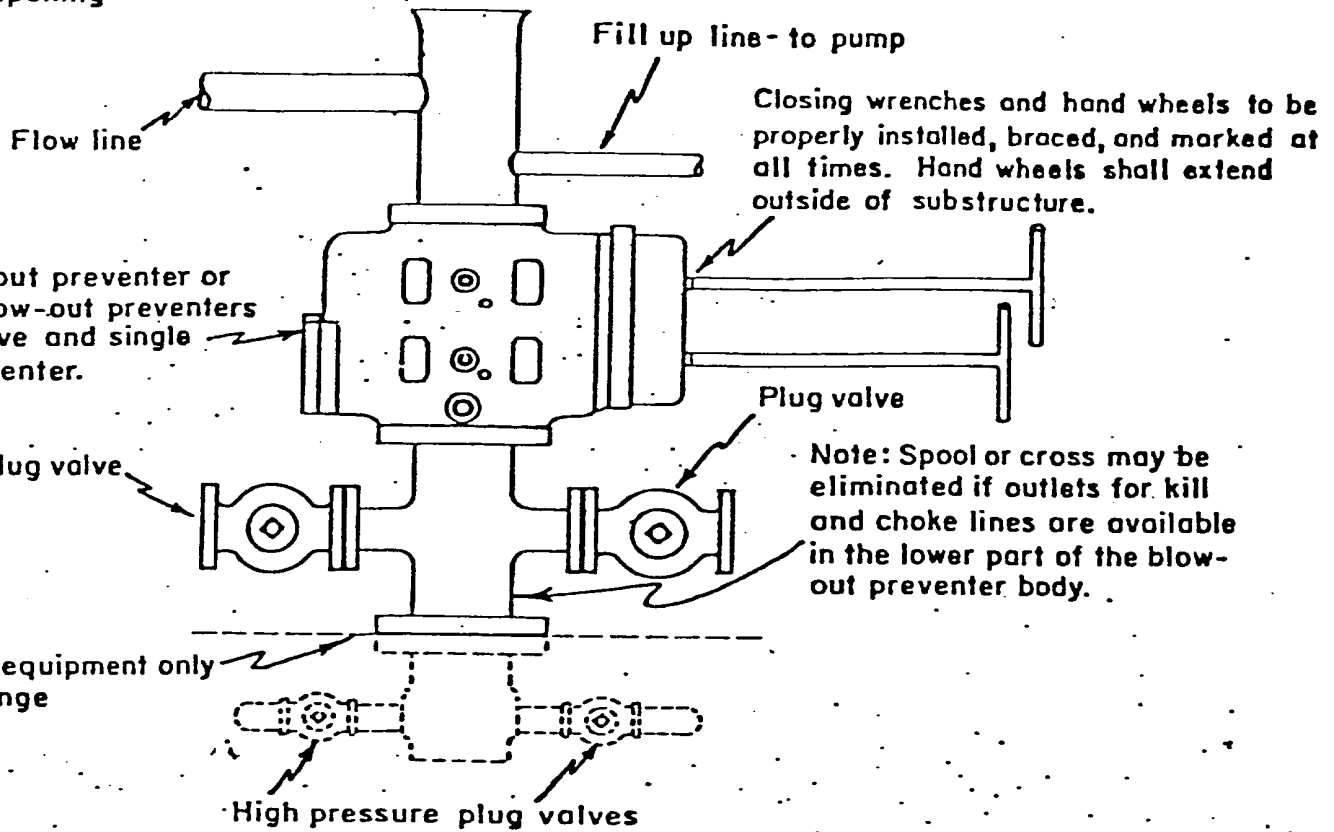
Existing Road

Schalk 31-4 Well #2
Section 33, Township 31 North,
Range 4 West
Rio Arriba County, New Mexico

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 Service

**SPECIAL 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 SW/4 of Section 33, Township 31 North,
Range 4 West.

2. Purpose of use.

Construction and drilling the Schalk 31-4 Well #2 gas well
located 1845' from the South Line, 1670' from the West Line
of Section 33, Township 31 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: (Miles) or Feet × Width (Feet) = Acres


4. Improvements

a. Description

Improvements will consist of a one acre gas well location,
storage tanks, collection pits, and other paraphernalia neces-
sary 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 1 Month (Months)	e. Construction will be completed within 1 Month (Months)
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Date of Application 6/25/79	Applicants name and signature Schalk Development Company  John E. Schalk, Managing Partner	Applicant's address P. O. Box 25825 Albuquerque, N. M. 87125 (ZIP Code)
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(OVER)

2700-3 (7/71)

SCHALK DEVELOPMENT COMPANY
SCHALK 31-4 #2
SW₁ Section 33, T31N, R4W
Rio Arriba County, New Mexico

RANGLE
A CO.
GRAPHIC)

4557' NW
(CARRACAS CANYON)

