

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-039-21671
5. LEASE DESIGNATION AND SERIAL NO.
NM-18326

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, N.M. 87125

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

At surface

1750' FSL, 1015" FWL, Section 27, Township

At proposed prod. zone 29 North, Range 4 West

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Schalk 29-4

9. WELL NO.

8

10. FIELD AND POOL OR ALLOTTEE

Gobernador Pic. Cliffs

11. SEC., T., R., M., OR B.L.
AND SURVEY OR AREA

Sec. 27, T-29N, R-4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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)

1015'

16. NO. OF ACRES IN LEASE

640

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

4585'

20. ROTARY OR CABLE TOOLS

Rotary

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

7388' GR

22. APPROX. DATE WORK WILL START*

February 13, 1978

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#	4585'	350 sacks

FORMATION TOPS

Kirtland 3930'

Fruitland 4025'

Pic. Cliffs 4135'

TD 4585'

Gas is dedicated

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

TITLE

Operator

DATE

1-13-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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

Section		Lease		Well No.	
27		SCHALK 29-4		8	
Unit Letter	Section	Township	Range	County	
L	27	29 NORTH	4 WEST	RIO ARriba	
Approx. Surface Location of Well:					
1750	feet from the	SOUTH	line and	1015	feet from the WEST line
Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:		
7388	Pic. Cliffs	<i>Chaparral Mesa</i> Governador Pic. Cliffs	160		Acre

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

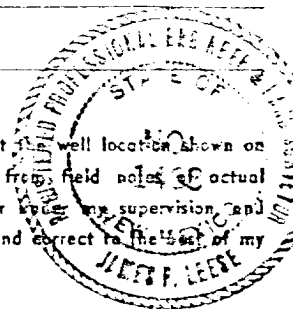
CERTIFICATION

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

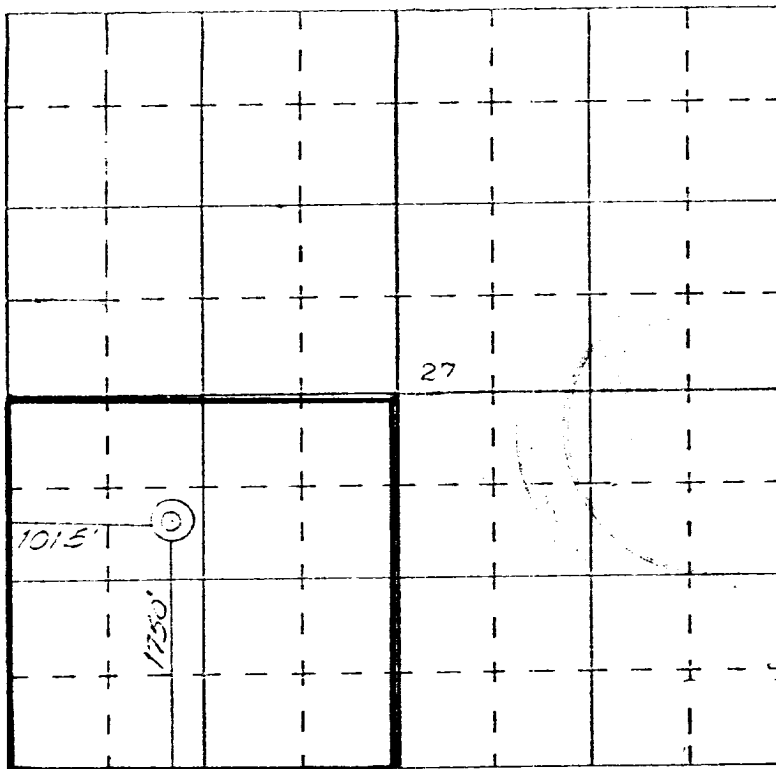
John E. Schalk
Name
John E. Schalk
Position
Operator

Company
John E. Schalk
Date
1-13-78

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.



30 November 1977
Date Surveyed
James P. Leese
Registered Professional Engineer
and/or Land Surveyor James P. Leese



SCALE—4 INCHES EQUALS 1 MILE

United States Department of Agriculture
Forest Service

SPECIAL USE
APPLICATION AND REPORT

Ref: FSM 2712

FOREST SERVICE USE ONLY	c. Record no. (1-2)	b. Region (3-4)	c. Forest (5-6)
	70	--	--
	d. District (7-8)	e. User number (9-12)	f. Kind of use (13-15)
	--	----	----
	g. State (16-17)	h. County (18-20)	k. 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 27, Township 29 North,
Range 4 West.

2. Purpose of use.

Construction and drilling of the Schalk 29-4 Well No. 8 gas well located 1750' From the South Line, 1015' From the West Line of Section 27, 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):

$$\text{Length in: } \frac{\text{(Miles) or}}{\text{(Feet)}} \times \text{Width } \frac{\text{(Feet)}}{\text{(Feet)}} = \frac{\text{(Acres)}}{\text{(Feet)}}$$

4. Improvements

a. Description

Improvements will consist of a one acre gas well location, an access road, 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

5

d. Construction will begin within

1

(Months)

e. Construction will be completed within

2

(Months)

Date of Application

1-13-78

Applicants name and signature

John E. Schaik
Operator

(OVER)

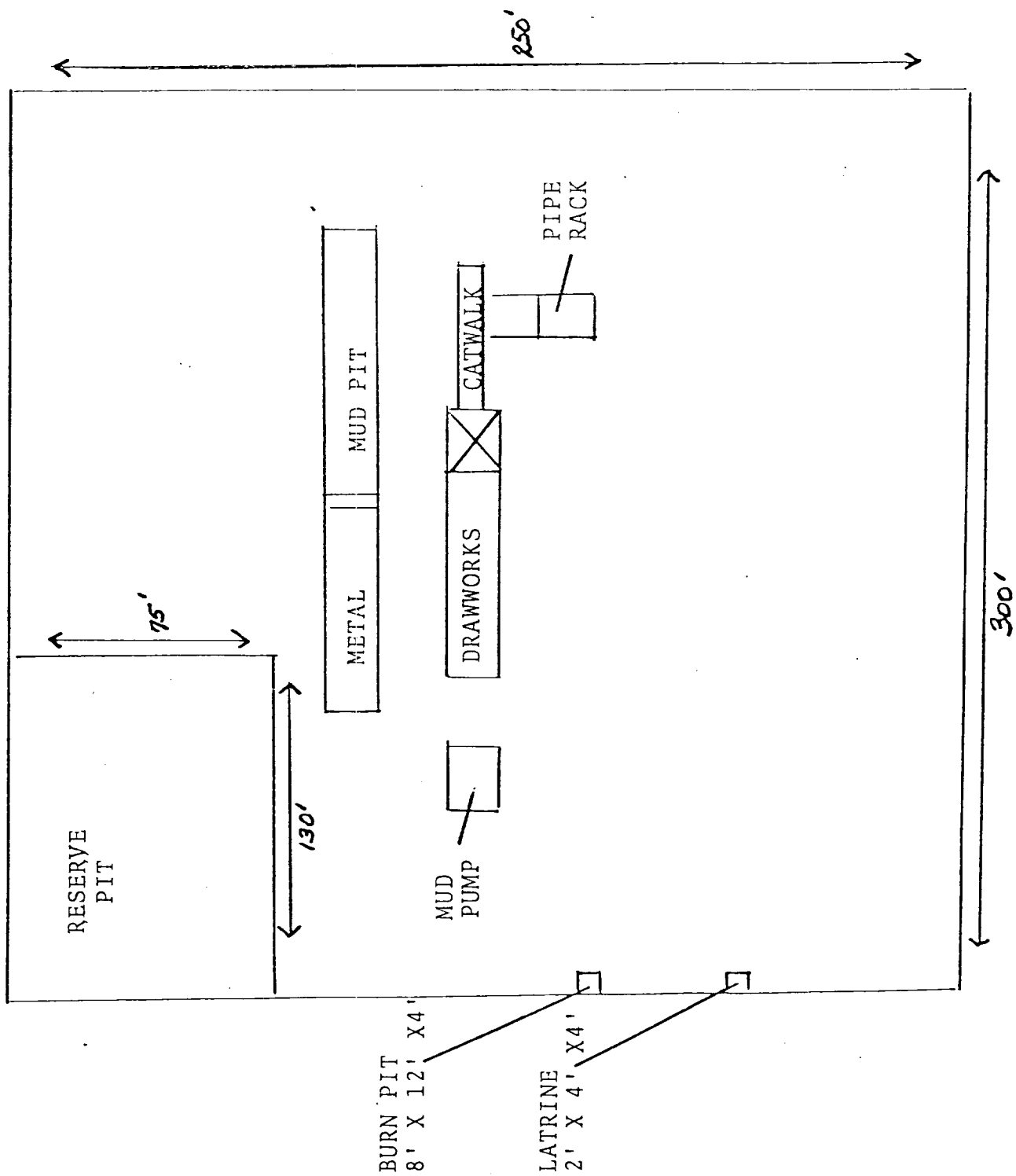
Applicant's address

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

2700-3 (7/71)

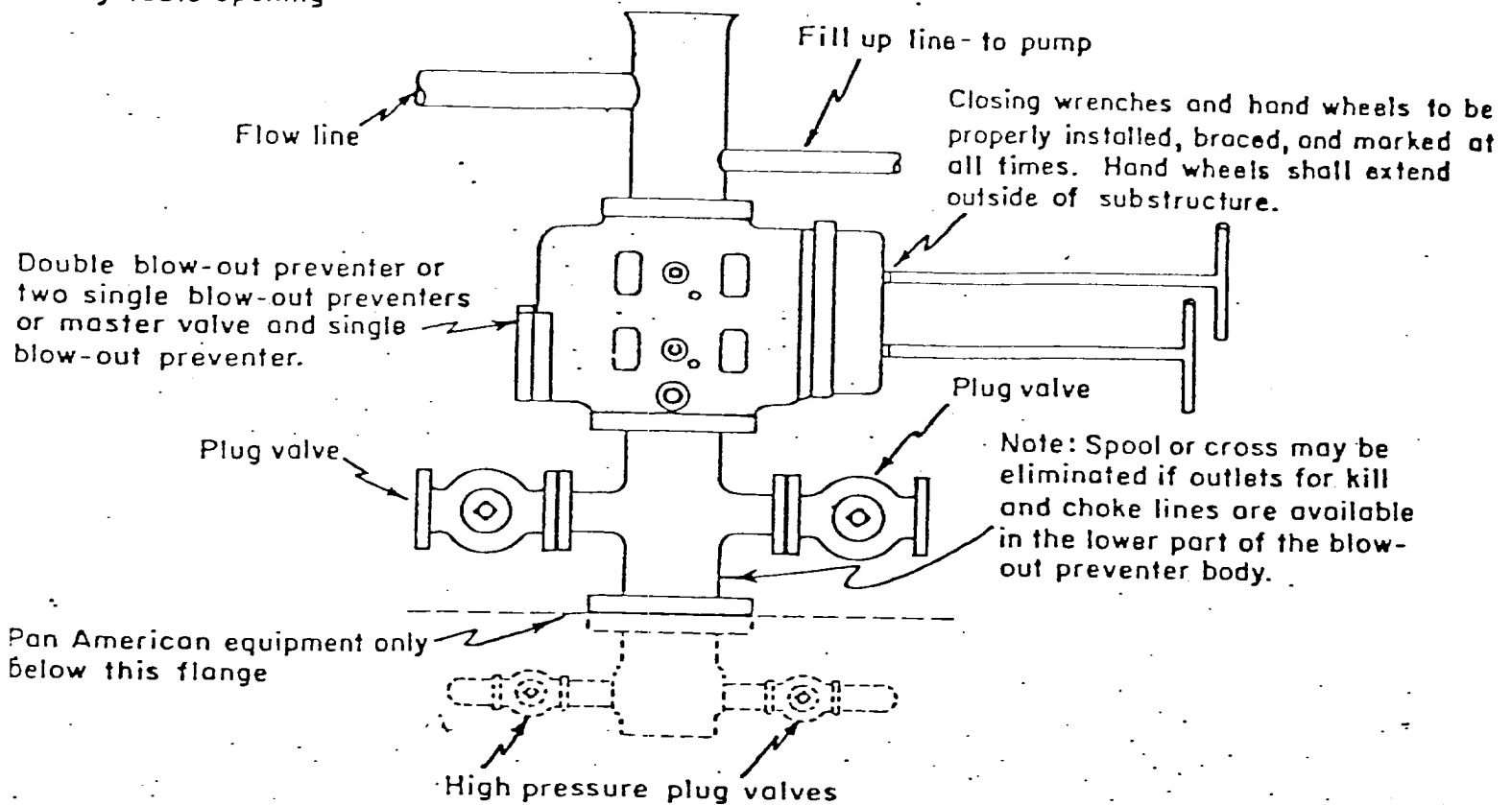
Multi-Point Surface Use and Operations Plan

1. Existing roads: Attached map shows existing road entering Southwest corner of Section 27, running Northeast, adjacent to proposed location.
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 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 slopes at an increase of 10' per 200' to the West. There will be approximately a five foot cut on the East side of the proposed 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 minimal.
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.



BLEW-OUT PREVENTER HOOK-UP

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



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 Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date 1-13-78


John E. Schalk
Operator