

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21137

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 26687, Albuquerque, New Mexico 87125

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

At surface

880' from the South line, 1780' from the East line

At proposed prod. zone

Section 20, Township 29 North, Range 4 West

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

40 Miles East of Bloomfield, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

880'

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.

3/4 mile

19. PROPOSED DEPTH

4225

20. ROTARY OR CABLE TOOLS

Rotary

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

7162' GR

22. APPROX. DATE WORK WILL START*

9-15-75

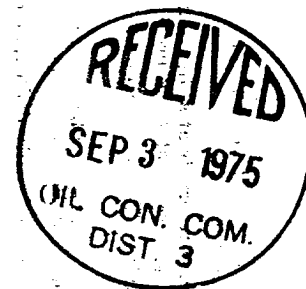
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	23#	150'	150 Sacks
7-7/8"	4-1/2"	10.5#	4225'	300 Sacks

ESTIMATED TOPS

Ojo Alamo	3400'
Kirtland	3635'
Fruitland	3775'
Pictured Cliffs	4025'



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. John E. Schalk Operator DATE 9-2-75

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OK

*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.

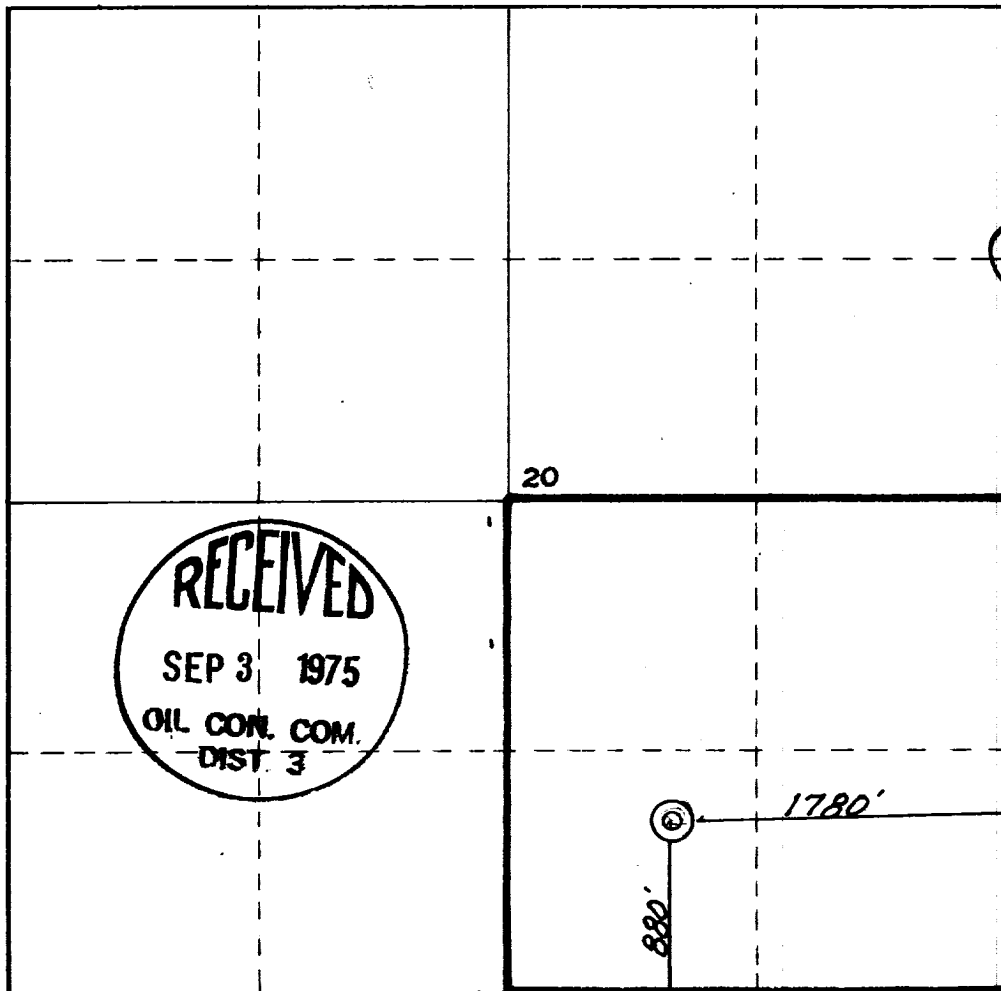
Operator JOHN E. SCHALK			Lease 29-4		Well No. 29-4 #5
Unit Letter 0	Section 20	Township 29 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 880 feet from the SOUTH line and 1780 feet from the EAST line </div>					
Ground Level Elev. 7162	Producing Formation PICTURED CLIFF		Pool <i>Sobernader</i> WILDCAT	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.) _____

Not 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.

John E. Schalk
Name

Position

OPERATOR

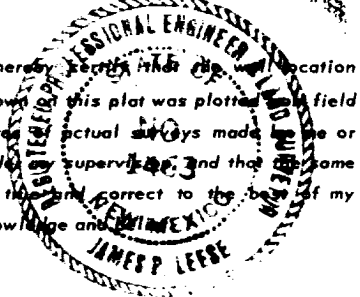
Company

JOHN E. SCHALK

Date

9-2-75

I hereby certify that the location shown on this plat was plotted in the 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

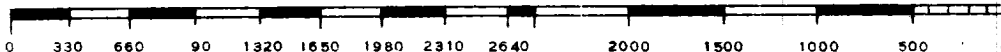
21 August 1975

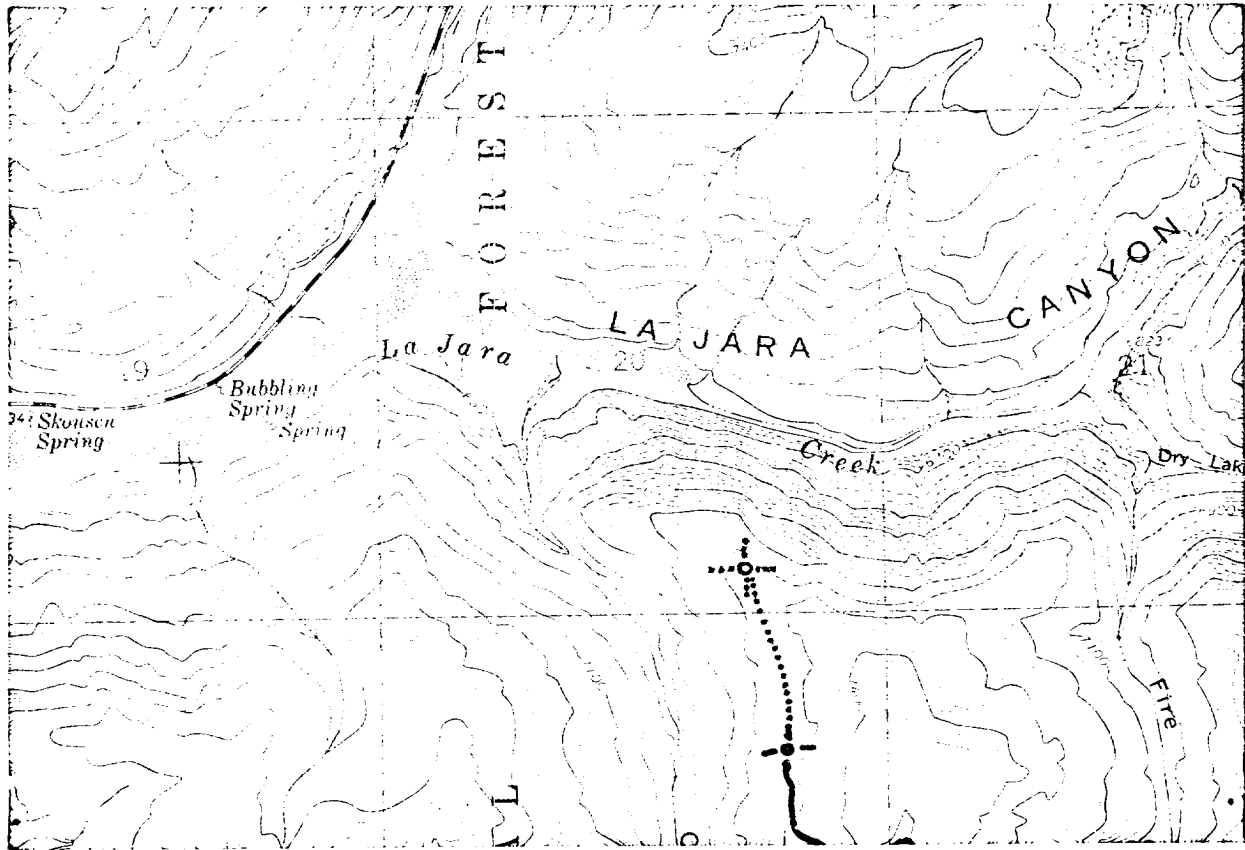
Registered Professional Engineer and/or Land Surveyor

James P. Leese
James P. Leese

Certificate No.

1463





Proposed Road;
app. 1/4 mile long
& 14 feet wide

Proposed location;
app. 1320 feet North of
an existing location

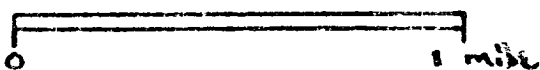
..... Proposed road & location

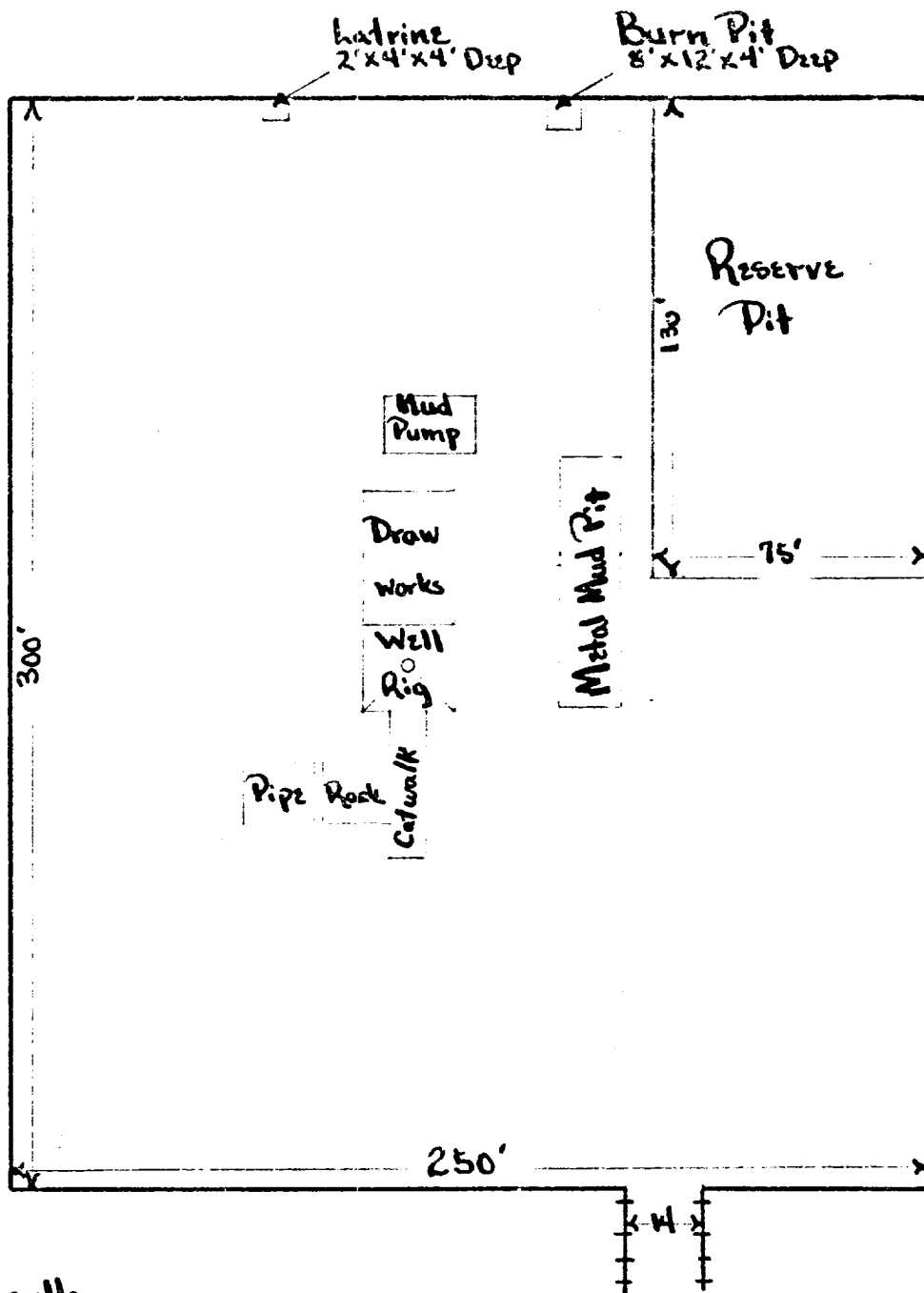
— Existing road & location



John E. Schalk
San Juan 29-4 Well No. 5
Sec. 20, Town 29 N, Range 4 W.

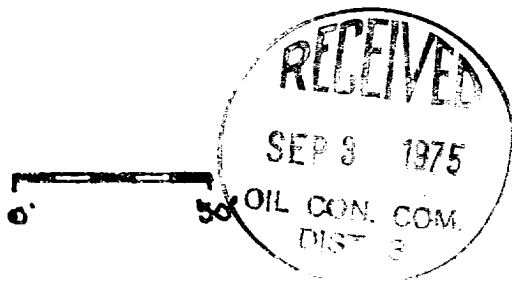
Scale 1" = 24,000





Proposed Road:
app. 1/4 mile
14' long by
14' wide

North



John E. Schalk

San Juan 29-4 Well No. 5

Sec. 20, Town 29 N, Range 4 W.

Twelve-Point Development Plan for Surface Use

John E. Schalk

Schalk 29-4 Well No.5

1. Existing roads: Road to plugged well parallel to the proposed location.
2. Proposed access road: Reconstruction of old road; $\frac{1}{4}$ mile from old road to the proposed location.
3. Existing wells: Continental Oil Company well - southeast of the proposed location.
4. Lateral roads: None.
5. Location of tank batteries: See attached.
6. Location and type of water supply: Water will be taken from La Jara Wash and transported by truck to the location.
7. Methods for handling waste disposal: Cuttings to be disposed of in reserve pit; a burn pit to be used for disposal of trash, garbage, etc., and covered during clean-up of the location.
8. Location of camps: None.
9. Location of airstrips: None.
10. Rig layout: Per attached drawings.
11. Restoration of surface: Upon completion of drilling operations, the disturbed surface area will be restored as near as is practical to its original contours. If sufficient top soil is encountered, it will be stockpiled for restoration of the surface. Restoration will be to the satisfaction of the U.S. Geological Survey.
12. This location slopes at an increase of 4' per 20' to the southwest. There will be approximately an 8 to 10' cut on the northeast side of the proposed location. Vegetation is jack pine, pinon pine, cedar, juniper, sagebrush, and various grasses. The surrounding area is comparable and any disturbances to the wildlife will be only temporary. With the restoration of the surface, surface damage will be minimal.



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) ---	k. Cord 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 SE/4 OF SECTION 32, T-29 N, R-4W AND
CONSTRUCT AN ACCESS ROAD RIGHT-A-WAY THROUGH SE/4 OF SECTION 32,
T-29 N, R-4 W AS SHOWN ON THE ATTACHED MAP. LEASE NO. NM 18319.

2. Purpose of use.

CONSTRUCTION AND DRILLING THE SCHALK 29-4 WELL NO. 5 GAS WELL
LOCATED 880' FROM THE SOUTH LINE, 1780' FROM THE EAST LINE OF
SECTION 20, T-29 N, R-4 W IN 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: $\frac{1/4}{1320}$ (Miles) or (Feet) X Width $\frac{18}{(Feet)}$ = $.6$ (Acres)

4. Improvements

a. Description

IMPROVEMENTS WILL CONSIST OF A ONE ACRE GAS WELL LOCATION, AN
ACCESS ROAD, STORAGE TANKS, COLLECTION PITS, AND OTHER
PARAPHENALIA NECESSARY FOR DRILLING, MAINTENANCE AND PRODUCTION
OF NATURAL GAS.

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

c. Estimated cost

\$ 10,000.00

d. Construction will begin within

ONE

(Months)

e. Construction will be completed within

TWO

(Months)

Date of Application

9-2-75

Applicants name and signature

John E. Schalk
JOHN E. SCHALK, OPERATOR

Applicant's address

RECEIVED
P. O. BOX 26687
ALBUQUERQUE, NEW MEXICO 87125
OIL COM. COM.
DIST. 3

(OVER)

2700-3 (7/71)