

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20808

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM-4452

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SCHALK - 52

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE

11. SEC., T., R., M., OR BLE.
AND SURVEY OR AREA

SEC. 24, T-29 N, R-5W

12. COUNTY OR PARISH 13. STATE

RIO ARRIBA NEW MEXICO

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

LONE STAR INDUSTRIES, INC.

3. ADDRESS OF OPERATOR

C/O JOHN E. SCHALK
P.O. BOX 2078 FARMINGTON, NEW MEXICO 87401

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

At surface

790' FROM THE SOUTH LINE, 790' FROM THE WEST LINE,
At proposed prod. zone

SECTION 24, TOWNSHIP 29 NORTH, RANGE 5 WEST

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

40 MILES EAST OF BLOOMFIELD, NEW MEXICO

15. DISTANCE FROM PROPOSED*

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

790 FEET

16. NO. OF ACRES IN LEASE

548.52

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.

120'

19. PROPOSED DEPTH

5800'

20. ROTARY OR CABLE TOOLS

ROTARY

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

6525'

22. APPROX. DATE WORK WILL START*

JANUARY 25, 1974

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"	24 #	250'	250 SACKS
7-7/8"	4-1/2"	10.5#	5800'	300 SACKS

WILL DRILL WITH ROTARY TOOLS TO TEST THE MESA VERDE FORMATION.
WILL RUN AN INDUCTION LOG & FORMATION DENSITY CALIPER GAMMA RAY LOG
AT TOTAL DEPTH. IF PRODUCTIVE, WILL CEMENT 4-1/2" CASING & PERFORATE
AS NEEDED.

ESTIMATED TOPS:

OJO ALAMO	2615'
KIRTLAND	2855'
FRUITLAND	3202'
PICTURED CLIFFS	3470'
LEWIS	3560'
CLIFF HOUSE	5350'
POINT LOOKOUT	5664'

TOTAL DEPTH 5800'

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

AGENT

DATE JANUARY 21, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

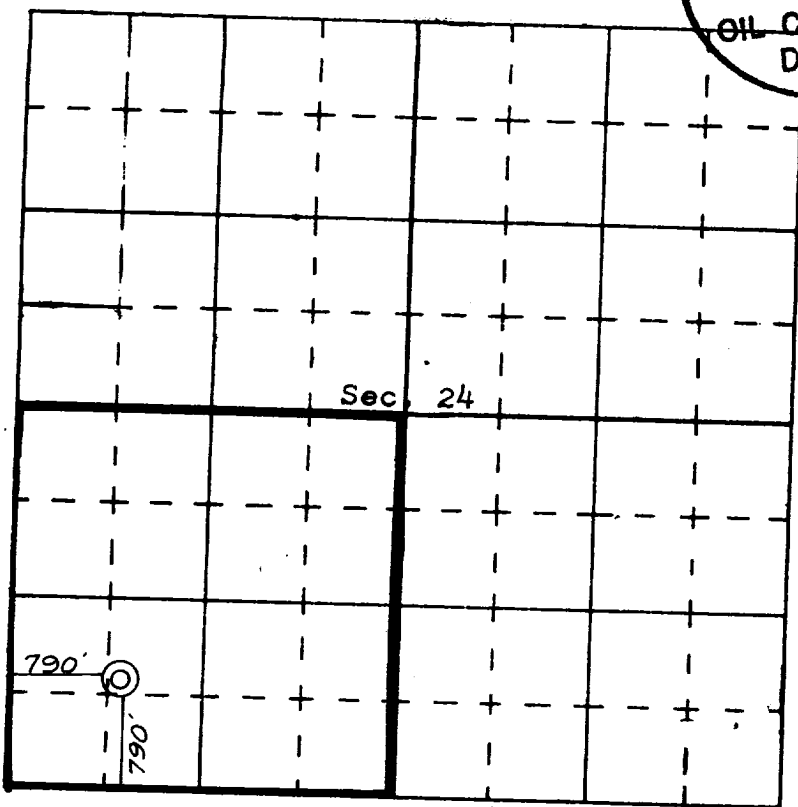
All distances must be from the outer boundaries of the Section

Operator LONE STAR INDUSTRIES INC., -SCHALK					Lease Schalk 52		Well No. 5	
Unit Letter M	Section 24	Township 29 NORTH	Range 5 WEST	County RIO ARriba				
Actual Footage Location of Well: 790 feet from the SOUTH line and 790 feet from the WEST line								
Ground Level Elev. 6525.0	Producing Formation MESA VERDE		Pool BLANCO MESA VERDE	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 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.



RECEIVED
JAN 28 1974
OIL CON. COM.
DIST. 3

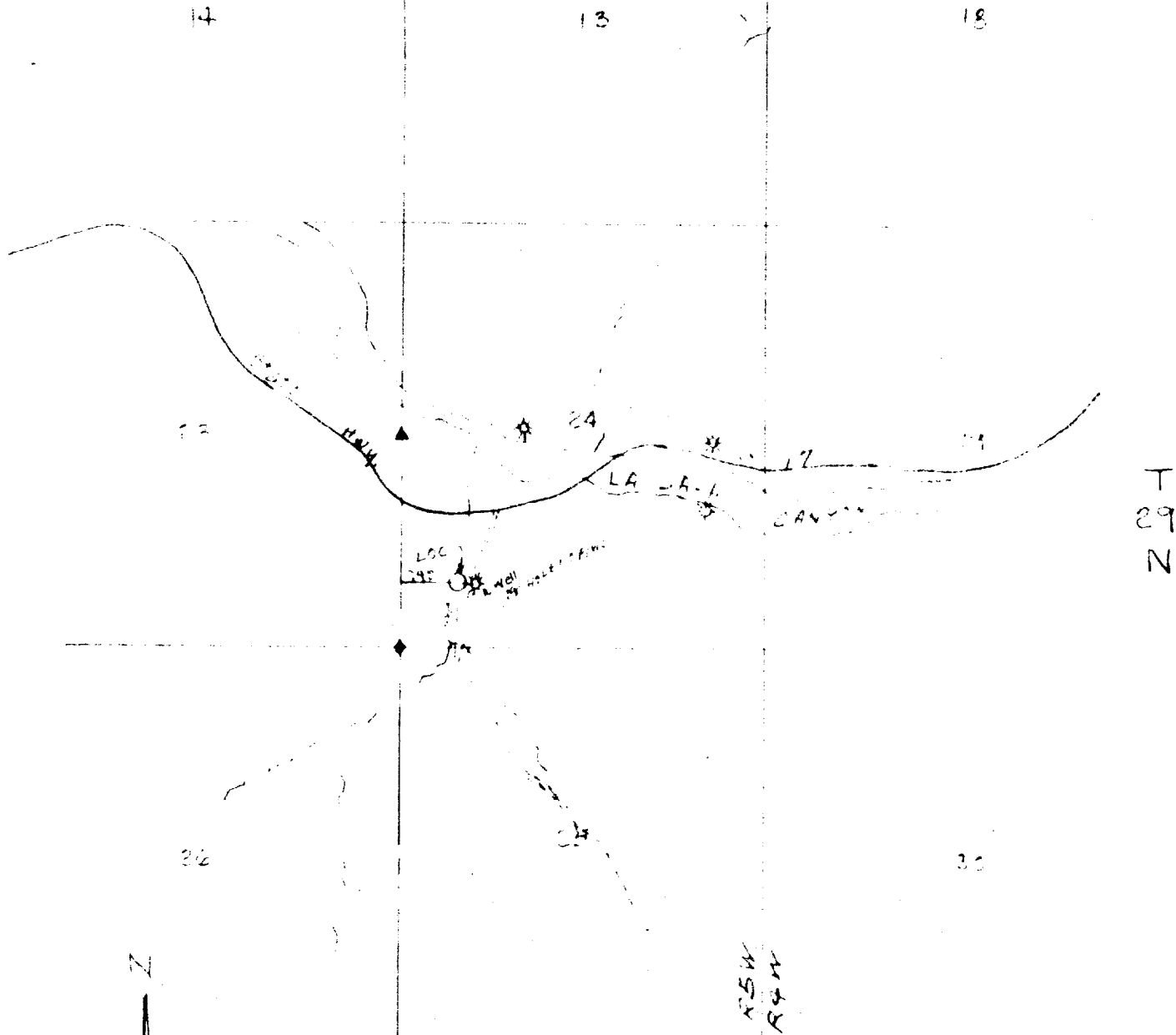
CERTIFICATION

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
AGENT
Company
LONE STAR INDUSTRIES, INC.
Date
JANUARY 21, 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.

16 January, 1974
Date Surveyed
James P. Leese
Registered Professional Engineer
and/or Land Surveyor
JAMES P. LEESE
1463
Certificate No.



VICINITY MAP FOR
 LONE STAR INDUSTRIES, INC.
 SHOWING
 Well location on R5W & R4W
 Sec. 24 T29N R5W N.M.P.
 Rio Arriba County, New Mexico
 Scale 1"=2000' Date 1-11-1974
 San Juan Engineering Company
 Farmington, New Mexico

**SPECIAL USE
APPLICATION AND REPORT**

Ref: FSM 2712

FOREST SERVICE USE ONLY	a. Record no. (1-2)	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. Card No. (21)

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 SECTION 24, T-29N, R-5W AND RECONSTRUCT AN ACCESS ROAD RIGHT-OF-WAY THROUGH THE SW/4 OF SECTION 24, T-29N, R-5W AS SHOWN ON THE ATTACHED MAP. LEASE NO. NM-4452.

2. Purpose of use.

CONSTRUCTING AND DRILLING THE SCHALK 52 WELL NO. 5 GAS WELL.

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

Length in: $\frac{1}{4}$ (Miles) or $\frac{1320}{1}$ (Feet) \times Width $\frac{18}{1}$ (Feet) $\frac{.6}{1}$ 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

d. Construction will begin within

e. Construction will be completed within

\$ 12,000.00

ONE
Months

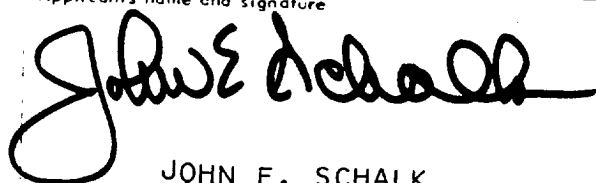
1-1/2
Months

Date of Application

Applicants name and signature

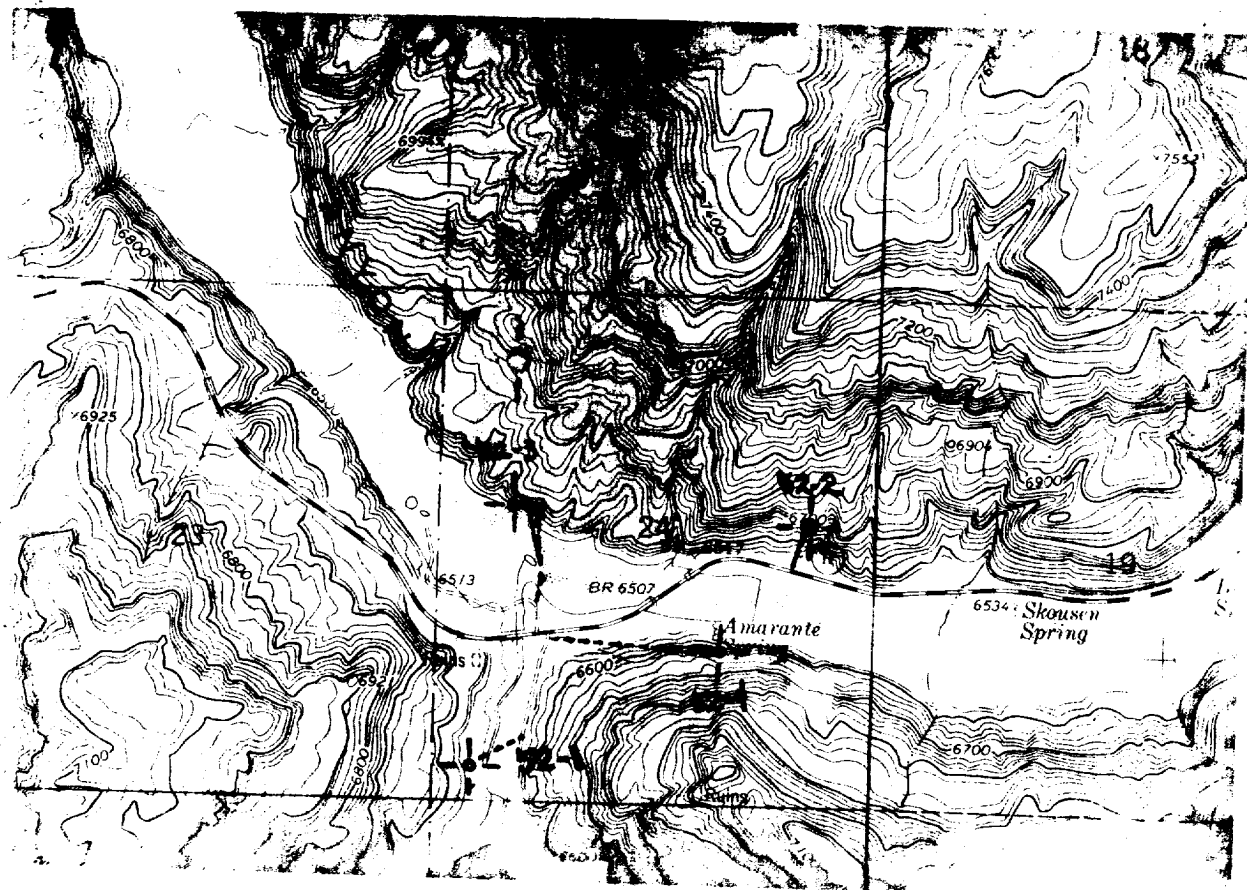
Applicant's address

JANUARY 21,
1974


JOHN E. SCHALK

P.O. BOX 2078
FARMINGTON, NEW MEXICO
87401

(OVER)



Proposed Road;
app. 1/2 mile long
14 feet wide

John E. Schalk
Lone Star Industries 52-1
Sec 24, T29N, R5W



SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20808

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DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

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MULTIPLE ZONE ☐

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3. ADDRESS OF OPERATOR

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TITLE AGENT

DATE JANUARY 21, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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*See Instructions On Reverse Side

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WELL LOCATION AND ACERAGE DEDICATION PLAT**

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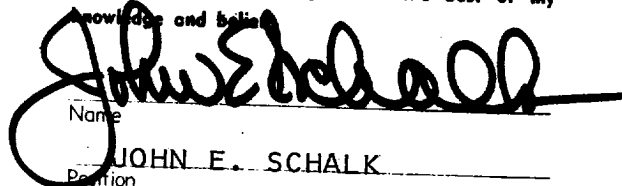
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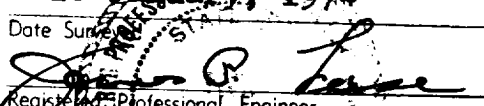
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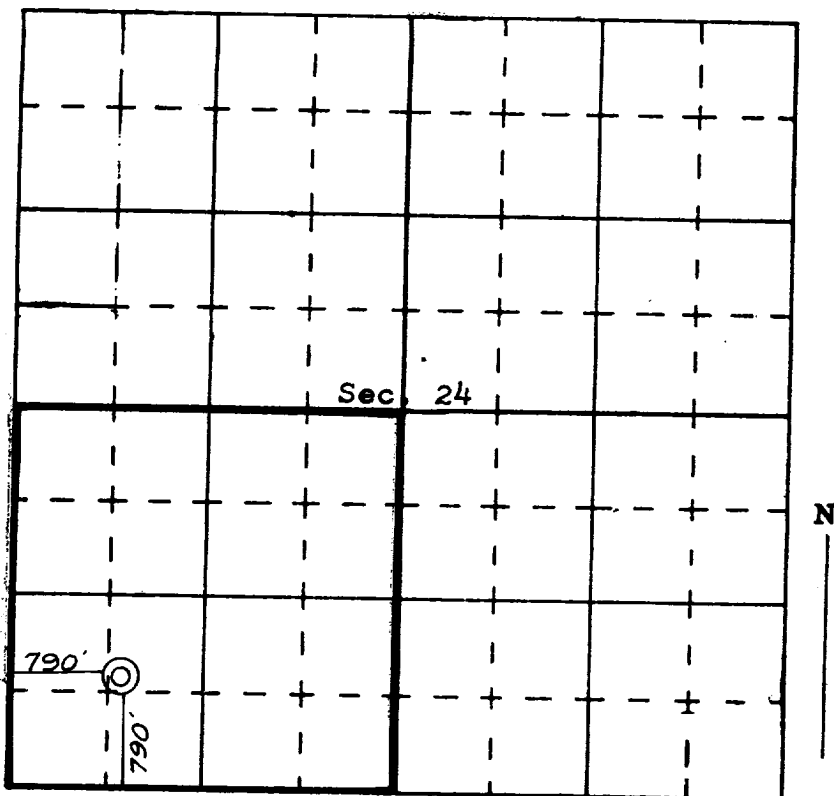
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16 JANUARY, 1974
 Date Surveyed

 Registered Professional Engineer
 and/or Land Surveyor
JAMES P. LEESE
1463
 Certificate No.



Webb County, Texas - W. S. B. & Co.
SA - LA 7 E 111. KENNEDY
San Antonio County, Texas
S. A. 11-1000 Lot 11-1974
San Jose, California, U.S.A.,
Rumery Co. New York

**SPECIAL USE
APPLICATION AND REPORT**

Ref: FSM 2712

FOREST SERVICE USE ONLY

a. 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. Cord No. (21)
--	--	1

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(Months)

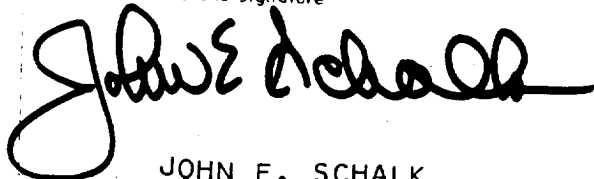
e. Construction will be completed within

1-1/2
(Months)

Date of Application

JANUARY 21,
1974

Applicants name and signature



JOHN E. SCHALK

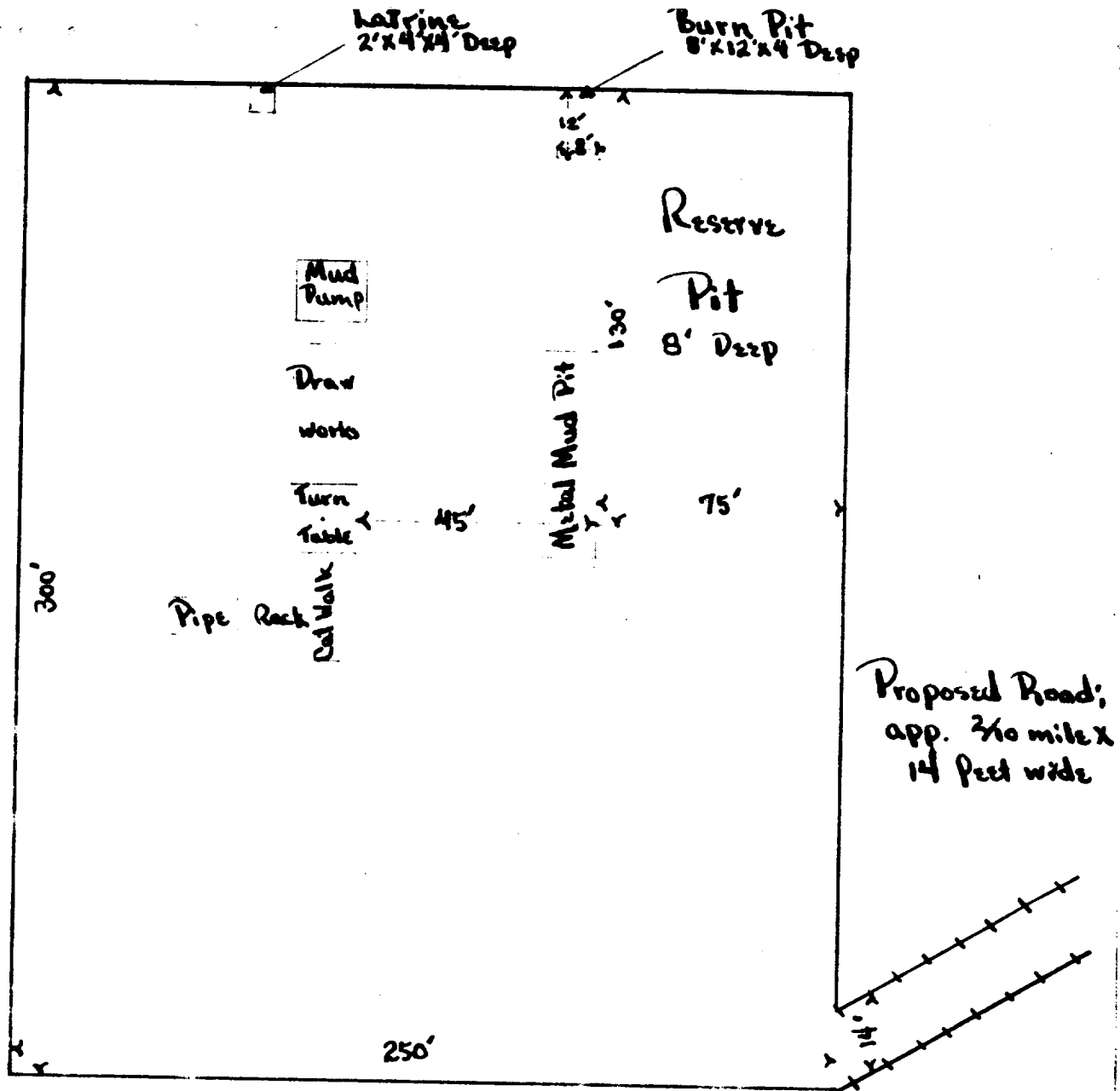
(OVER)

Applicant's address

P.O. BOX 2078
FARMINGTON, NEW MEXICO
87401

ZIP CODE

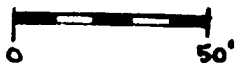
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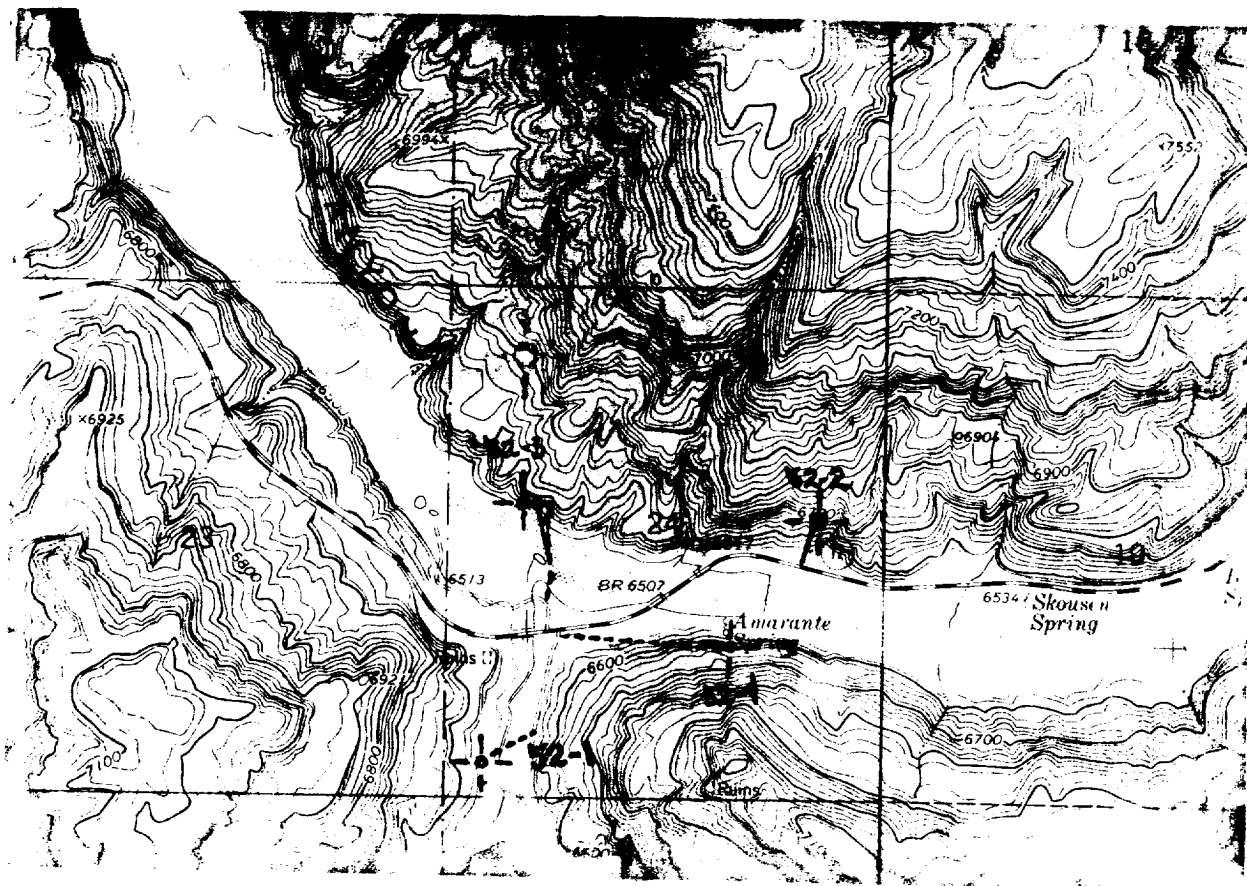


North



John E. Schalk
Lone Star Industries 52-1
Sec 24, T29N, R5W





Proposed Road;
app. $\frac{1}{2}$ mile long
14 feet wide

John E. Schalk
Lone Star Industries 52-1
Sec. 24, T29N, R5W

