

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30 039-20928

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM-4454

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SCHALK - 54

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE *ext*

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

SEC. 2, T-30N, 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

%JOHN E. SCHALK, P. O. BOX 2078, FARMINGTON, N. M.

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

At surface

1650' FROM SOUTH LINE, 790' FROM EAST LINE

At proposed prod. zone

SECTION 2, TOWNSHIP 30 NORTH, RANGE 5 WEST

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

50 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'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

320 318.93

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

200'

19. PROPOSED DEPTH

5900'

20. ROTARY OR CABLE TOOLS

ROTARY

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

6569' GR

22. APPROX. DATE WORK WILL START*

JUNE 30, 1974

23.

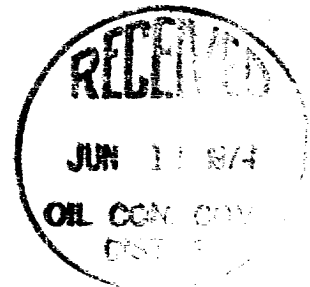
PROPOSED CASING AND CEMENTING PROGRAM

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#	5900'	300 SACKS

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

ESTIMATED TOPS

OJO ALAMO	2724'
KIRTLAND	2847'
PICTURED CLIFFS	3374'
LEWIS	3431'
MENEFEE	5594'
POINT LOOKOUT	5800'
TOTAL DEPTH	5900'



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

John E. Schalk

TITLE AGENT

DATE MAY 29, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Ta

TITLE

DATE JUN 10 1974

CONDITIONS OF APPROVAL, IF ANY:

SK

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.

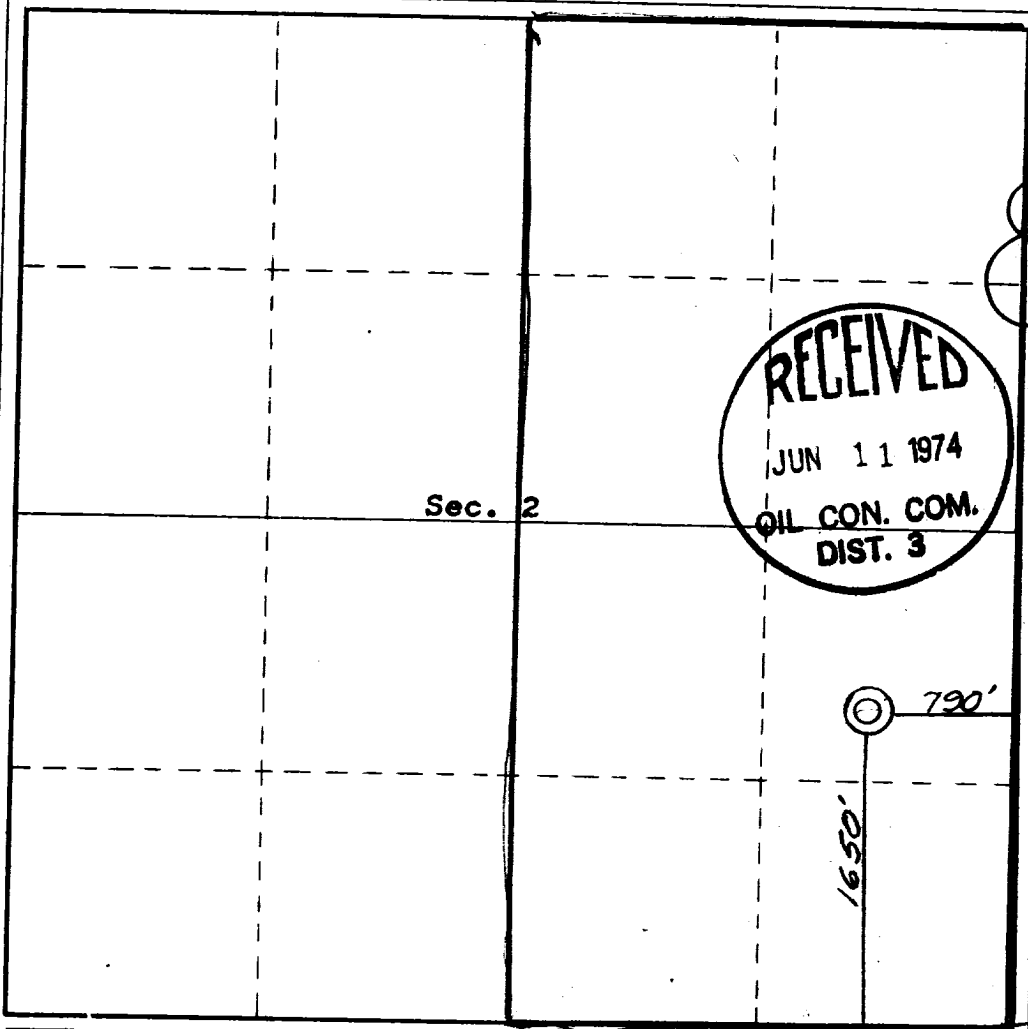
Operator LONE STAR INDUSTRIES - SCHALK		Lease SCHALK-54		Well No. 2	
Unit Letter I	Section 2	Township 30 NORTH	Range 5 WEST	County RIO ARRIBA	
Actual Footage Location of Well: 1650 feet from the SOUTH line and 790 feet from the EAST line					
Ground Level Elev. 6569.0	Producing Formation BLANCO MESA VERDE		Pool Blanco MESA VERDE ext	Dedicated Acreage: 320 - EN 31893 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.

John E. Schalk
Name
JOHN E. SCHALK

Position
AGENT

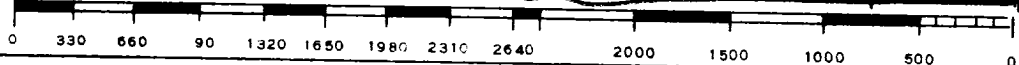
Company
LONE STAR INDUSTRIES, INC.

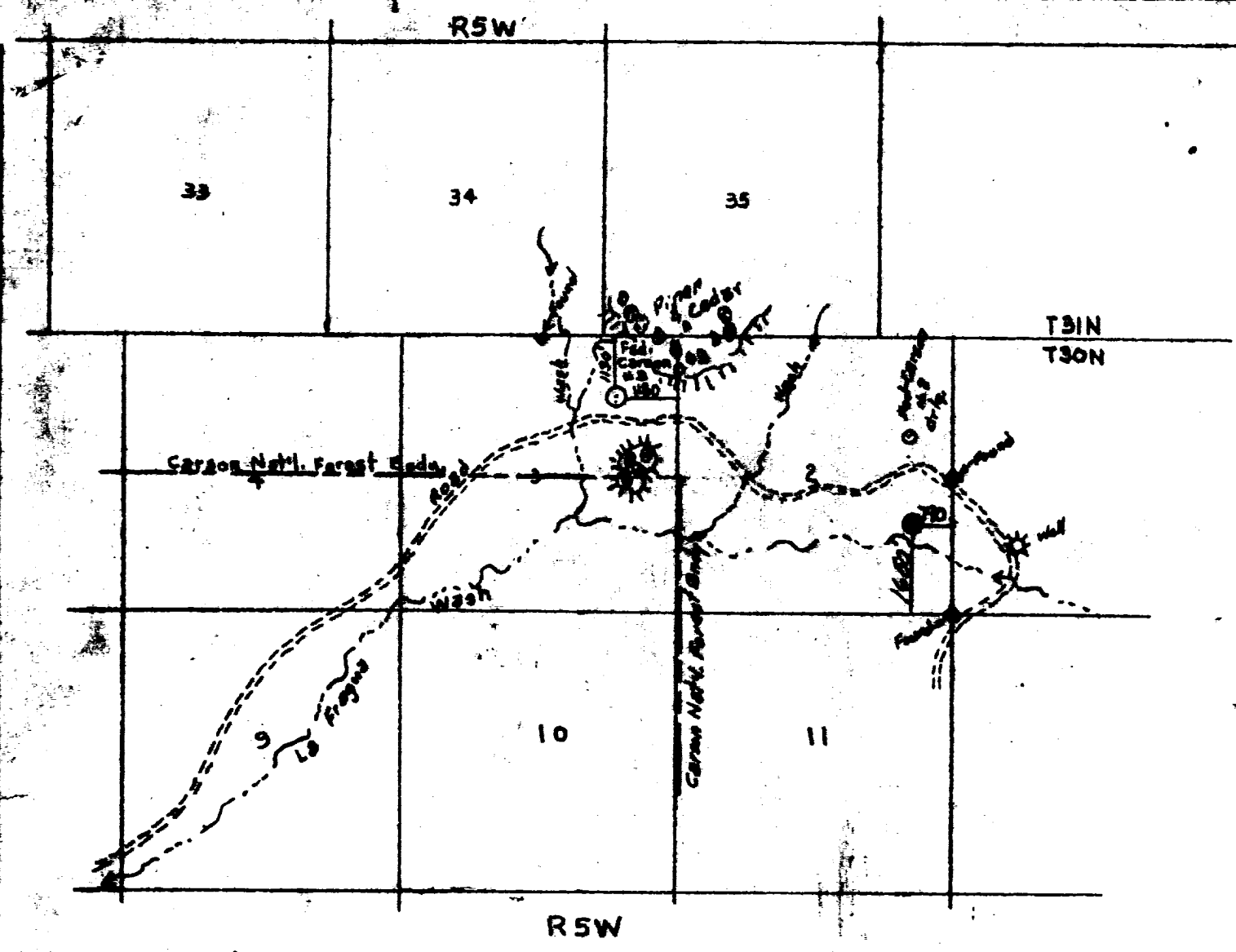
Date
MAY 29, 1974

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.

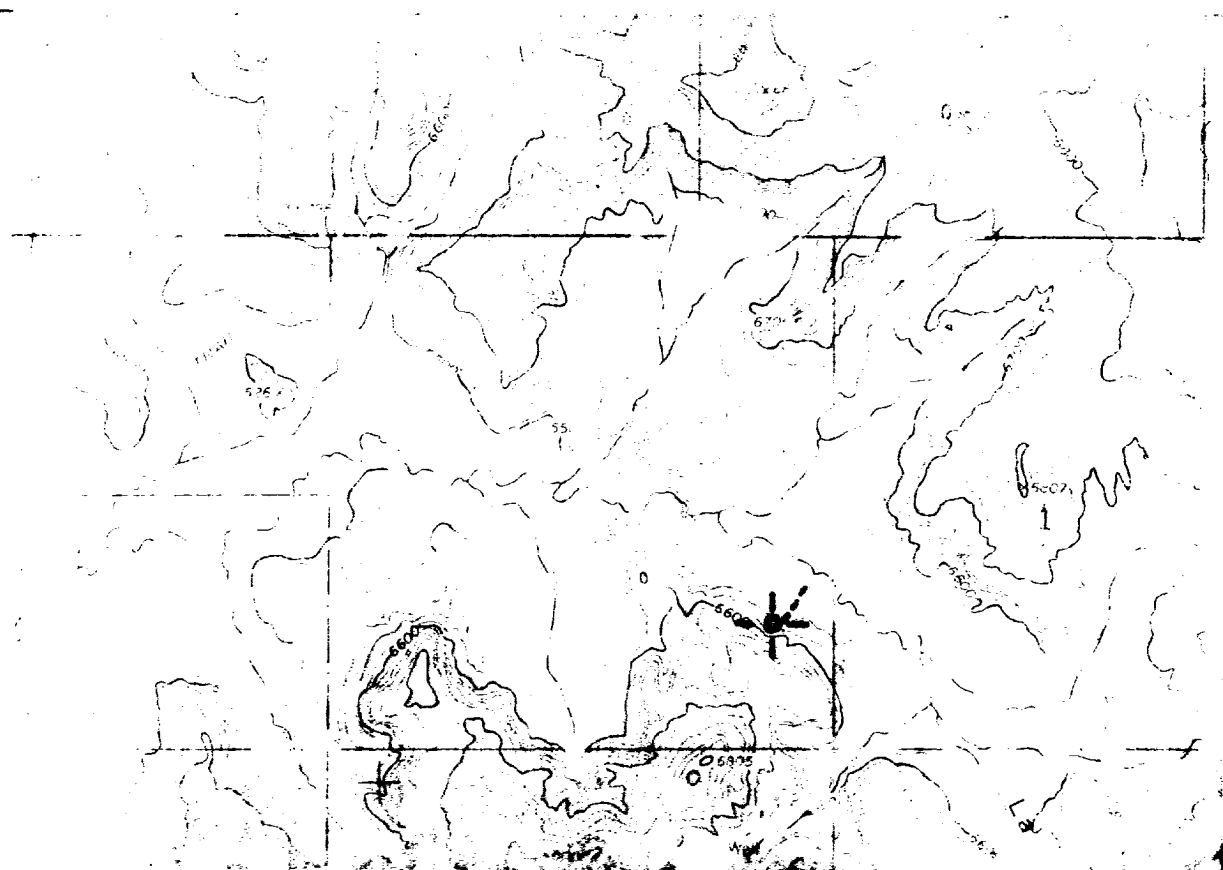
Date Surveyed
25 MAY 1974
JAMES P. LEESE
Registered Professional Engineer and/or Land Surveyor

James P. Leese
1469
Certificate No. **JAMES P. LEESE**





VICINITY MAP FOR
 JOHN E. SCHALK
 LAD in SE 1/4 Sec. 8, T30N, R5W,
 Rio Arriba County, New Mexico
 scale: 1" = 3000'
 Date: 12-22-1973

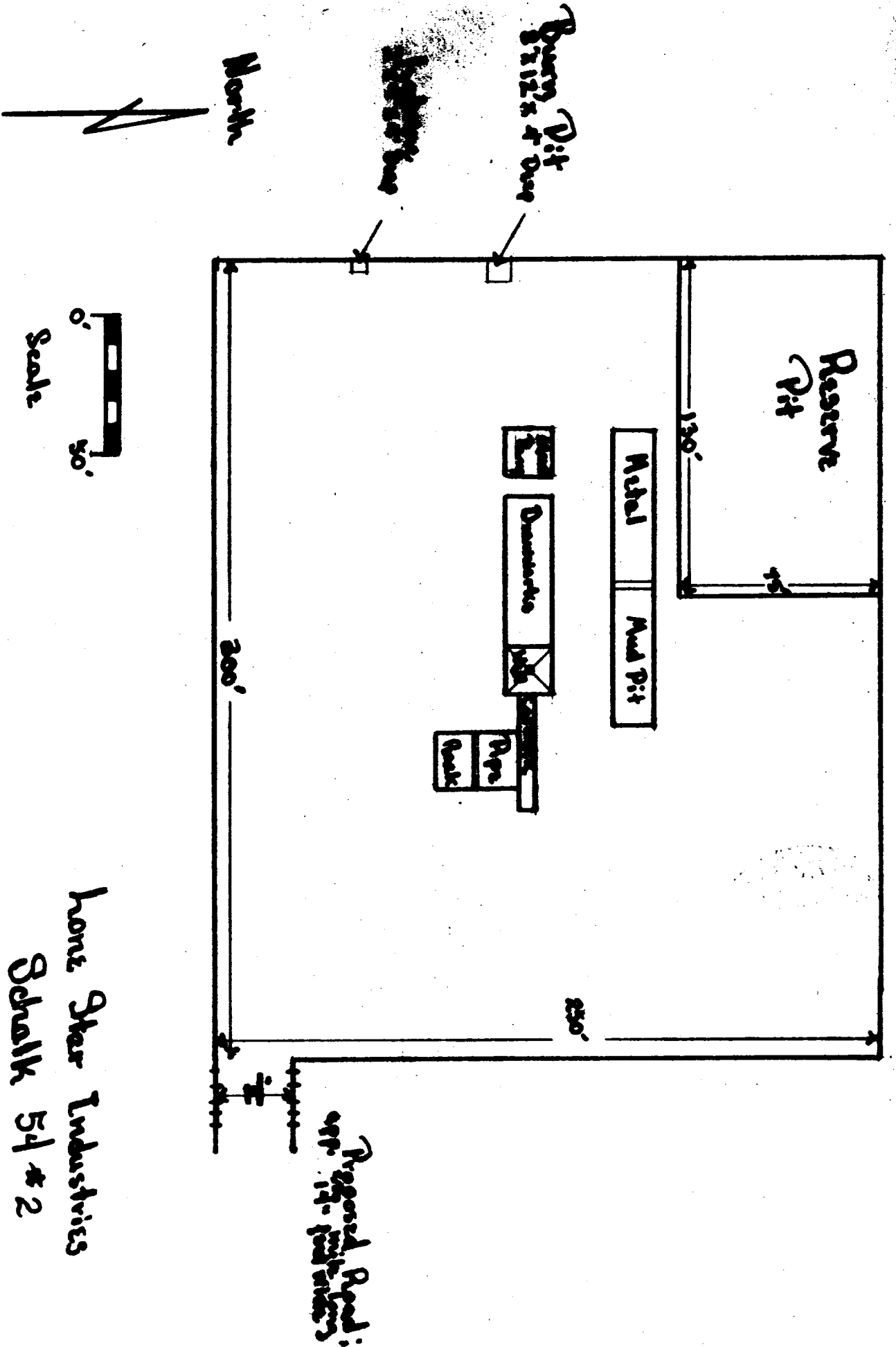


Proposed Road;
app. 2/10 mile long
14 feet wide

Scale;



John E. Schalk
Lone Star Industries 54-#2
SEC 2 , T30N , R5W



Home Star Industries
 Shalk 54 #2
 Sec. 2, T30N, R5W

