

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21057

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

USA NM-18319

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SCHALK 29-4

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

SEC. 32, T-29N, R-4W

12. COUNTY OR PARISH

RIO ARRIBA NEW MEXICO

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 2078, FARMINGTON, NEW MEXICO 87401

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

At surface

890' FROM THE SOUTH LINE, 865' FROM THE WEST LINE

At proposed prod. zone

SECTION 32, 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

16. DISTANCE FROM PROPOSED*

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

865'

18. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

1-1/2 MILES

19. PROPOSED DEPTH

8966'

20. ROTARY OR CABLE TOOLS

ROTARY

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

7386' GR

22. APPROX. DATE WORK WILL START*

FEBRUARY 28, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
5"	10-3/4	54#	400'	400 SACKS
7-7/8"	4-1/2	10.5#	8966'	750 SACKS

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

ESTIMATED TOPS

FRUITLAND	3885'	MANCOS	6606'
PICTURED CLIFFS	4096'	GALLUP	7686'
CLIFF HOUSE	6126'	GREEN HORN	8566'
POINT LOOKOUT	6455'	DAKOTA	8766'
		TOTAL DEPTH	8966'

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 1-20-75

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY CM TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Sh

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

Form C-122
Supersedes C-128
Effective 1-1-65

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

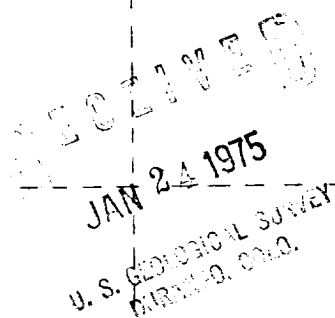
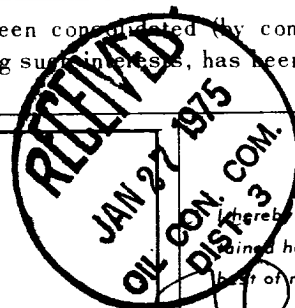
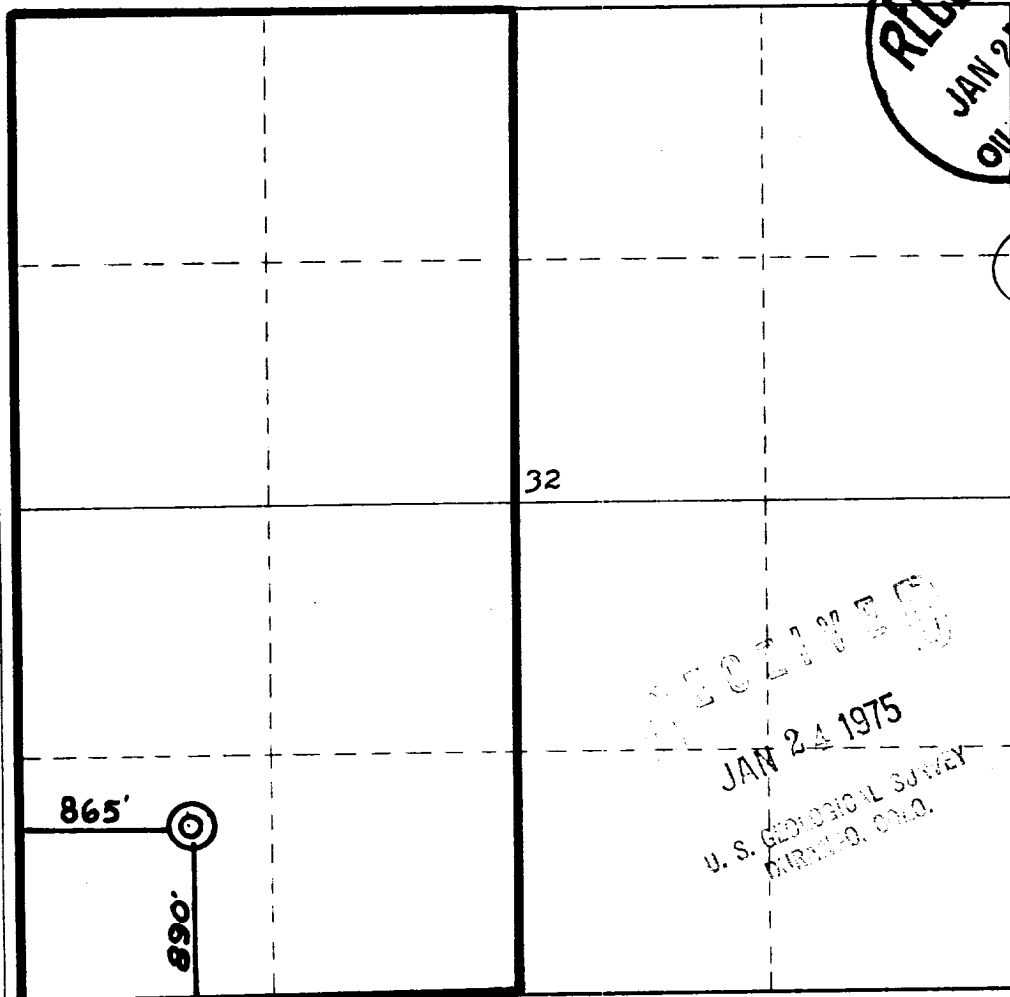
Operator John E. Schalk SCHALK			Lease SCHALK 29-4		Well No. 1
Unit Letter M	Section 32	Township 29 NORTH	Range 4 WEST	County RIO ARriba	
Actual Postage Location of Well: <div style="display: flex; justify-content: space-between;"> 890 feet from the SOUTH line and 865 feet from the WEST </div>					
Ground Level Elev. 7386	Producing Formation DAKOTA	Pool BASIN DAKOTA	Dedicated Acreage: 320 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.) _____

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
OPERATOR

Company

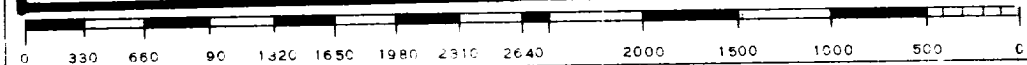
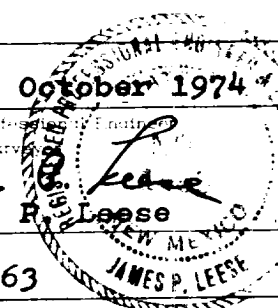
Date
1-20-75

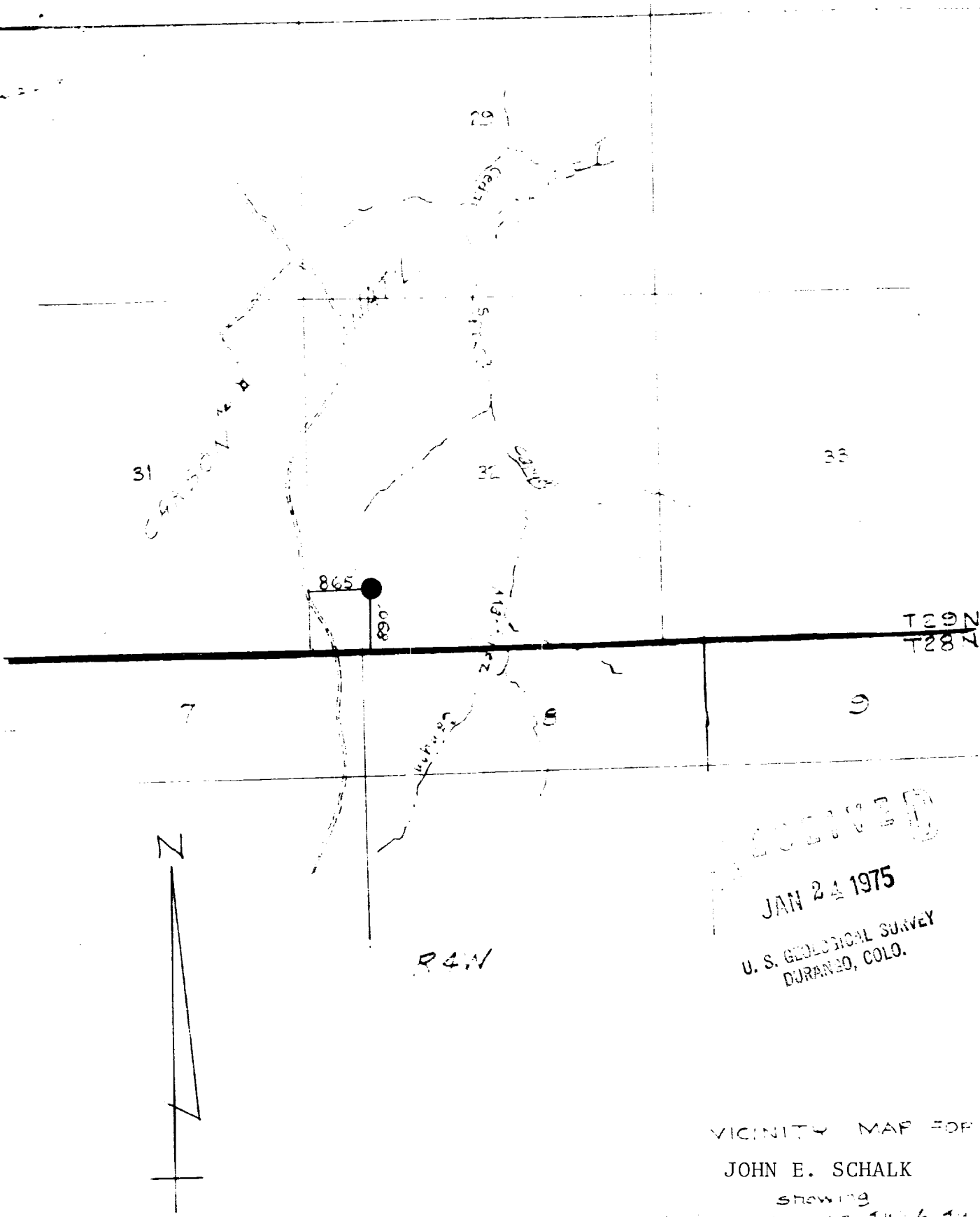
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
18 October 1974

Registered Professional Engineer and Land Surveyor
James R. Leese
James R. Leese

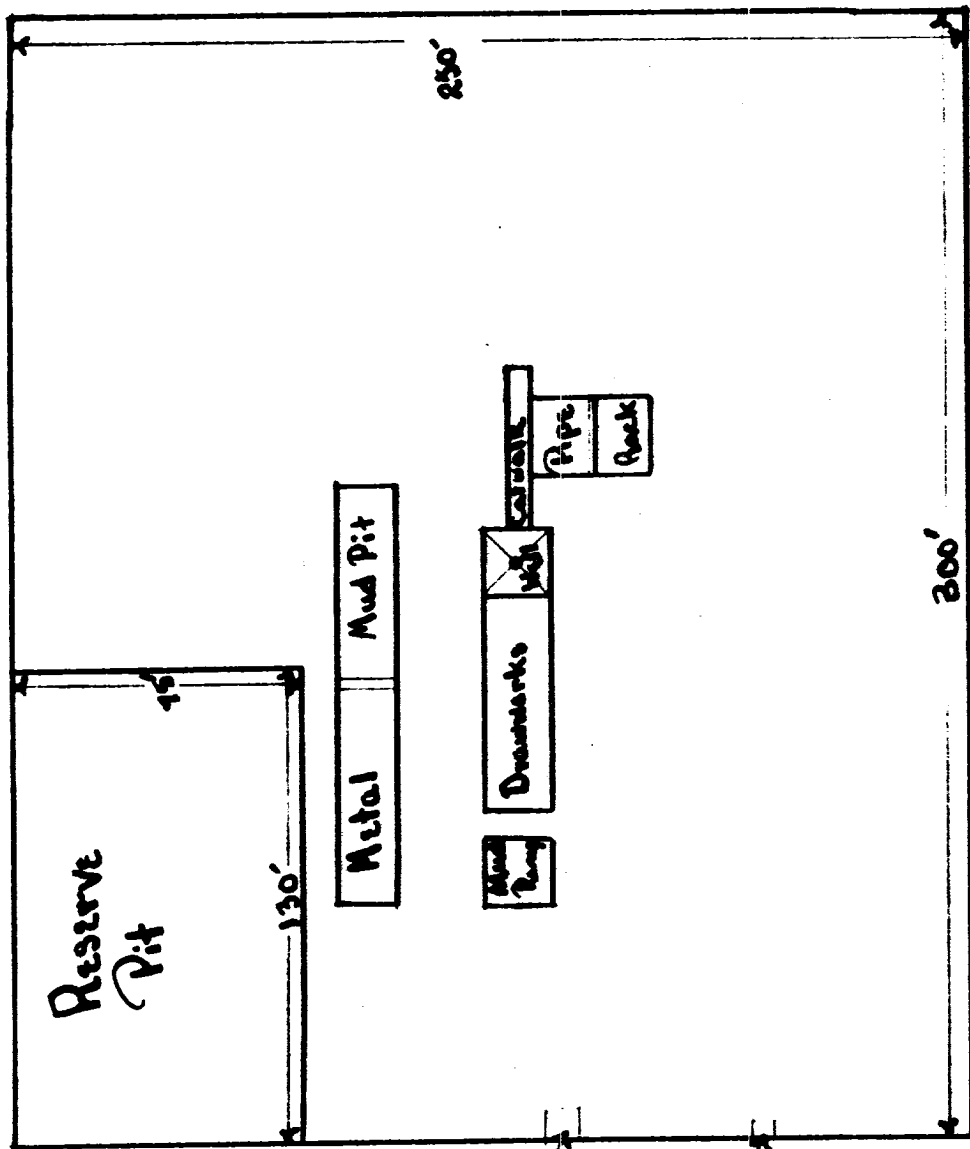
Certificate No.
1463





RECEIVED
 JAN 24 1975
 U. S. GEOLOGICAL SURVEY
 DURANGO, COLO.

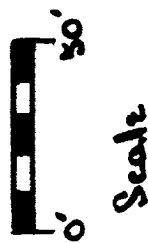
VICINITY MAP FOR
 JOHN E. SCHALK
 showing
 Well location in SW 1/4 of
 Sec. 32, T28N, R4W N.M.P.M.
 Rio Arriba County, New Mexico
 Scale 1"=2000 Date 10/15/74



Burn Pit
8'x12'x4' Deep

bedrine
2'x4'x4' Deep

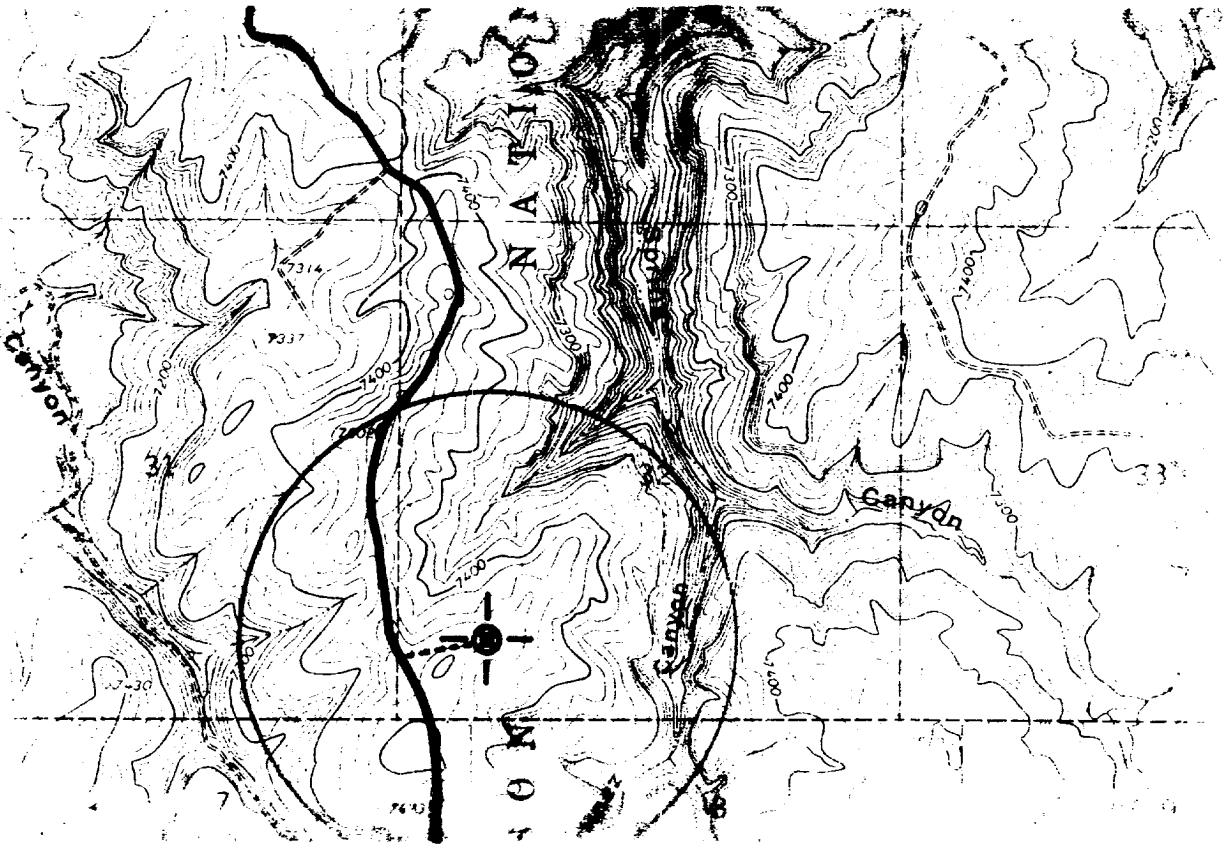
North



hone Star Industries
Schalk 29-4 #1

Sec. 32, T29N, R4W

Proposed By: 17-12-1985



Proposed road;
app. 2 1/10 mile long
& 14 feet wide

Proposed location;
app. 865' from West line
& 890' from South line

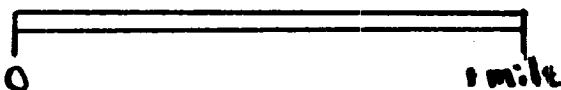
-----⊙ Proposed road & location
———— Existing road



North

Lone Star Industries
Schalk 29-4 #1

Sec. 32, T29 N, R4W



12 Point - Development Plan for Surface Use

John E. Schalk - Schalk 29-4 Well No. 1

1. Existing roads: Attached map shows existing road running from the Southwest corner and ending in the same corner.
2. Proposed Access road: Will depart from main (existing) road and run 2/10 of a mile East to proposed sight.
3. Existing Wells: None within a mile.
4. Lateral Roads: None.
5. Location of Tank Batteries: See attached.
6. Location and Type of Water Supply: Water will be taken from a water hole 15 miles away and transported by truck to 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 on cleanup of location.
8. Location of Camps: None.
9. Location of Airstrips: None.
10. Rig Layout: Per attached drawing.
11. 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.
12. This location slopes at an increase of 10' per 400' to the North. There will be approximately a five foot cut on the South side of 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.

