

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Walter W. Krug DBA Wallen Production Company

3. ADDRESS OF OPERATOR

Box 1960, Midland, Texas 79702

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

At surface

At proposed prod. zone

Same as above

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

32 miles WSW of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest d.g. line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

410'

16. NO. OF ACRES IN LEASE

763

19. PROPOSED DEPTH

3085'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. RENTAL OF CABLE TOOLS

cabletool

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

GR

3590

22. APPROX. DATE WORK WILL START*

9/15/79

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13 3/8"	61# K55	225' new	175 sxs CIRCULATE
12 1/2"	10 3/4"	45# K55	595' used	mudded in to be pulled
10"	8 5/8"	24# H40K55	1050' used	mudded in to be pulled
8"	7"	23# K55	2890' new	1000 sxs class "c" w/2% gel & 1/4" cello flake/s CIRCULATE

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO STATE AND FEDERAL
GENERAL REQUIREMENTSRECEIVED
MAR 16 1979
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

Walter W. Krug

TITLE

Engineer

DATE

3/9/1979

(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

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JAN 10 1979
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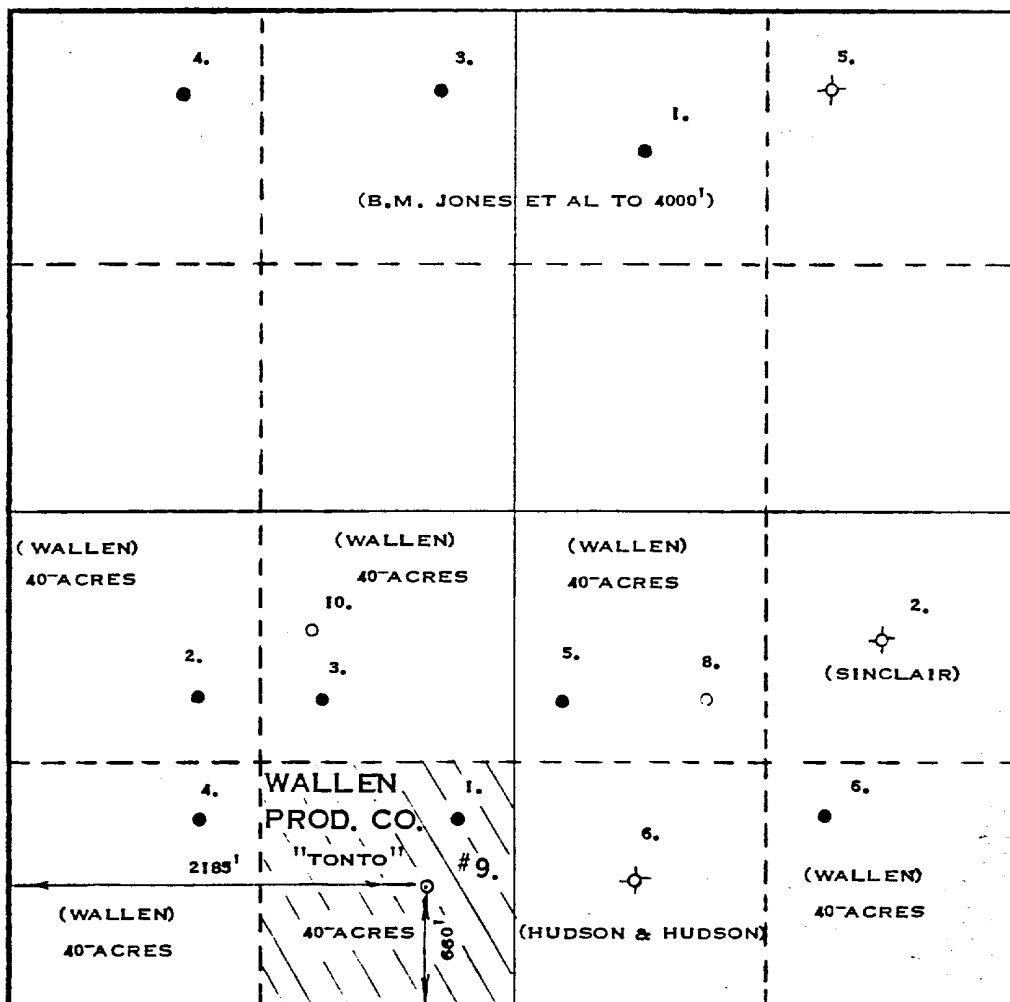
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JAN 5 1979

Form C-102
Supersedes C-128
Effective 1-1-65

Operator WALLEN PRODUCTION COMPANY		Lease TONTO		Well No. 9	
Unit Letter "N"	Section -30	Township -19-S	Range -33-E	County LEA	
Actual Footage Location of Well:					
660 feet from the SOUTH line and 2185 feet from the WEST line					
Ground Level Elev. 3590	Producing Formation SEVEN RIVERS YATES		Pool SOUTH TONTO		Dedicated Acreage: 40 Acres

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.

Name Walter H. Kutz
Position Engineer
Company Kelly Prod. Co.
Date 3/28/79

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.

REVISED MARCH 29, 1979:

Date Surveyed.
MARCH 5, 1979

Registered Professional Engineer
and Land Surveyor

Max A. Schumann Jr.
MAX A. SCHUMANN JR.

Certificate No. 1510

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U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

REQUIREMENTS OF N T L -6

1. Geologic name of the surface where the Tonto #9 is located is the Quarternary (Alluvium and sand).
2. The estimated tops of the geologic markers are:
 - A. Rustler (Anhydrite) = 1215'
 - B. Top Salt = 1338'
 - C. Base of Salt = 2720'
 - D. Lime = 2740'
 - E. Yates = 2895'
 - F. Reef (Seven Rivers) = 3115'
3.
 - a. Surface Water = none
 - b. Santa Rosa Water = 755'
 - c. Yates Sand Oil = 2850'
 - d. Seven River Reef Oil = 3074'
4. On Form 9-331-C
5. Control equipment is a 3500# W.P. control valve and a 1500# W.P. B.O.P. mounted on top, with double oil saver (if needed) (this will be a cabletool rig).
6. Drilling fluid is fresh water (cabletool drilling).
7. Doesn't apply to cabletool.
8. Samples will be caught, a Gamma Ray Neutron and CCL will be run.
9. The B.O.P. has room for two kill lines if needed.
10. Expect to start drilling 7/30/79, hope to finish 9/15/79.

MULTI-POINT SURFACE USE
AND OPERATIONS PLAN

WALLEN PRODUCTION COMPANY

WALLEN TONTO #9 WELL
2210' FWL and 660' FSL, Sec. 30-19S-33E
Lea County, New Mexico
Lease NM 073240

This plan submitted with the "Application for Permit to Drill" the above described well . This plan describes the location, the proposed construction and operations plan, the necessary surface disturbance and the proposed rehabilitation after completion of activities.

1. EXISTING ROADS:

- A. Plat "A" is a portion of a USGS topographic map, Lea County, New Mexico, showing existing roads. The location is 21.5 miles west of Arkansas Junction on U.S. 62 & 180, turn right on New Mexico 176 for 4.7 miles, and turn right on New Mexico 31 for 6.2 miles, and turn right for 5.3 miles on an improved lease road, then turn right again for 1.5 miles, turn left for .7 miles and turn right for 1 mile to proposed drillsite .
- B. Plat "B" is a land plat with all existing roads in a one (1) mile radius from the proposed well-site and the planned access road.
- C. A portion of the existing, eroded, caliche road from the east section line of section 30 (where the BLM caliche quarry is located) will be repaired and **330** ' of new road will be made. We use an 8" deep 12' wide watered and compacted method of road building and repair.

2. PLANNED ACCESS ROAD:

- A. Length and width: The new road will be **330** ' long and 12' wide. This road is colored red on Plat "B". This road will be staked and flagged on the center line of the road. Each flag will be visible from the next.
- B. Surfacing Material: Eight (8) inches of compacted, watered and graded caliche will be used.
- C. Maximum Grade: Three (3) percent.
- D. Turnouts: Three passing turnouts every 2000' will be constructed. They are 20' by 30'.

- E. Drainage Design: New road will have a drop of 6" from the centerline on each side.
- F. Culverts: None required.
- G. Cuts and Fills: None required.
- H. Gates and Cattleguards: None required.
- 3. LOCATION OF EXISTING WELLS:
 - A. Existing wells within a one-mile radius are shown on Plat "B"
- 4. LOCATION OF PROPOSED FACILITIES:
 - A. Location of the proposed tank battery and flow line from well No. 1 are shown on Plat "C". The proposed flow line will not be buried.
- 5. LOCATION AND TYPE OF WATER SUPPLY:
 - A. Water for drilling will be purchased from Mark Smith (a rancher) or A. A. Oilfield Services - Hobbs. Water will be trucked over existing roads.
- 6. SOURCE OF CONSTRUCTION MATERIALS:
 - A. Caliche for surfacing roads, pad (well) and repairing roads will be obtained from existing quarries listed and circled in red on Plat "A" and have been located on the ground as actually being there.
- 7. METHOD OF HANDLING WASTE DISPOSAL:
 - A. Drill cuttings will be disposed of in the pit.
 - B. Drilling fluid soaks into the ground and evaporates.
 - C. Produced water will be disposed of in pit. Produced oil goes into rental tanks until sold.
 - D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
 - E. Trash, waste paper, garbage and junk will be buried in the disposal pit and covered with a minimum of 36 inches of dirt. All waste material will be contained to prevent scattering by the wind.
 - F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:
 - A. None required.
9. WELLSITE LAYOUT:
 - A. Plat "D" shows the relative location and dimensions of the well pad, disposal pit, rig, water tank and dead men.
 - B. Only minor leveling and shinerly scraping will be required.
 - C. The pad has been flagged.
10. PLANS FOR RESTORATION OF THE SURFACE:
 - A. After completion of drilling and/or completion operation all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk to leave the wellsite as attractive as possible.
 - B. Any unguarded pits containing fluids will be fenced until they are filled.
 - C. After abandonment of the well, any special rehabilitation or revegetation requirements of the surface management agency will be complied with and accomplished as soon as possible. All pits should be filled and leveled within 90 days after abandonment.
11. OTHER INFORMATION:
 - A. Topography: Land surface is rolling and dune. From an elevation of 3590' at the wellsite, the surface slopes to the south at the rate of 50' per mile.
 - B. Soil: The soil is fine sand and clay underlain by caliche.
 - C. Flora and Fauna: Vegetation consists of mesquite, yucca, scrub oak and native grasses. Wildlife includes coyote, rabbits, rodents, reptile, dove, quail and antelope.
 - D. Ponds and Streams: There are no rivers, streams, fresh water lakes or ponds in the area, however, there is a salt water disposal sink within 1½ miles southeast of the proposed location.
 - E. Residences and Other Structures: The nearest occupied dwelling is a ranch house 2¼ miles southwest. The nearest water is there also.
 - F. Archeological, Historical and Cultural Sites: There are none in the area.

G. Land Use: Grazing and hunting in season.

H. Surface Ownership: Wellsite is on Federal Land including all roads.

12. OPERATOR'S REPRESENTATIVE:

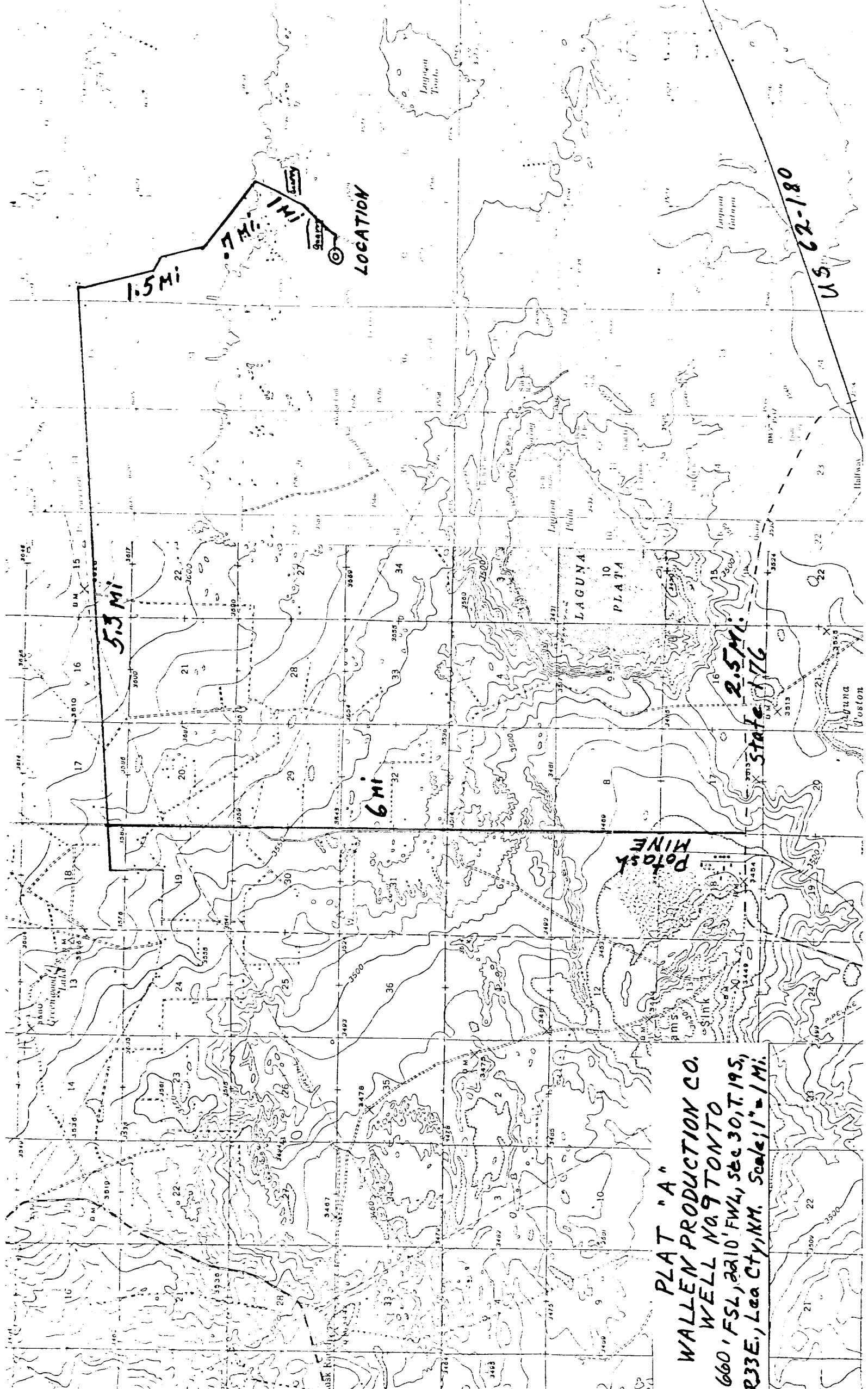
Walter W. Krug
#4 Ridgmar Court
Midland, Texas 79701
Home phone: 563-0048
Office phone: 683-2600

13. 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 operations proposed herein will be performed by Wallen Production & Drilling Co. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

3/12/79
Date

Walter W. Krug, Engr.
Name and Title



PLAT "A"
WALLEN PRODUCTION CO.
WELL No. 9 TONTO
660' FSL, 2210' FWL, Sec 30, T. 19S,
R33E, Lea Cty, NM. Scale 1" = 1 Mi.

US 62-180

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JUL 5 1979

U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250
OFFICE OF THE SECRETARY

1. 10-11-1971

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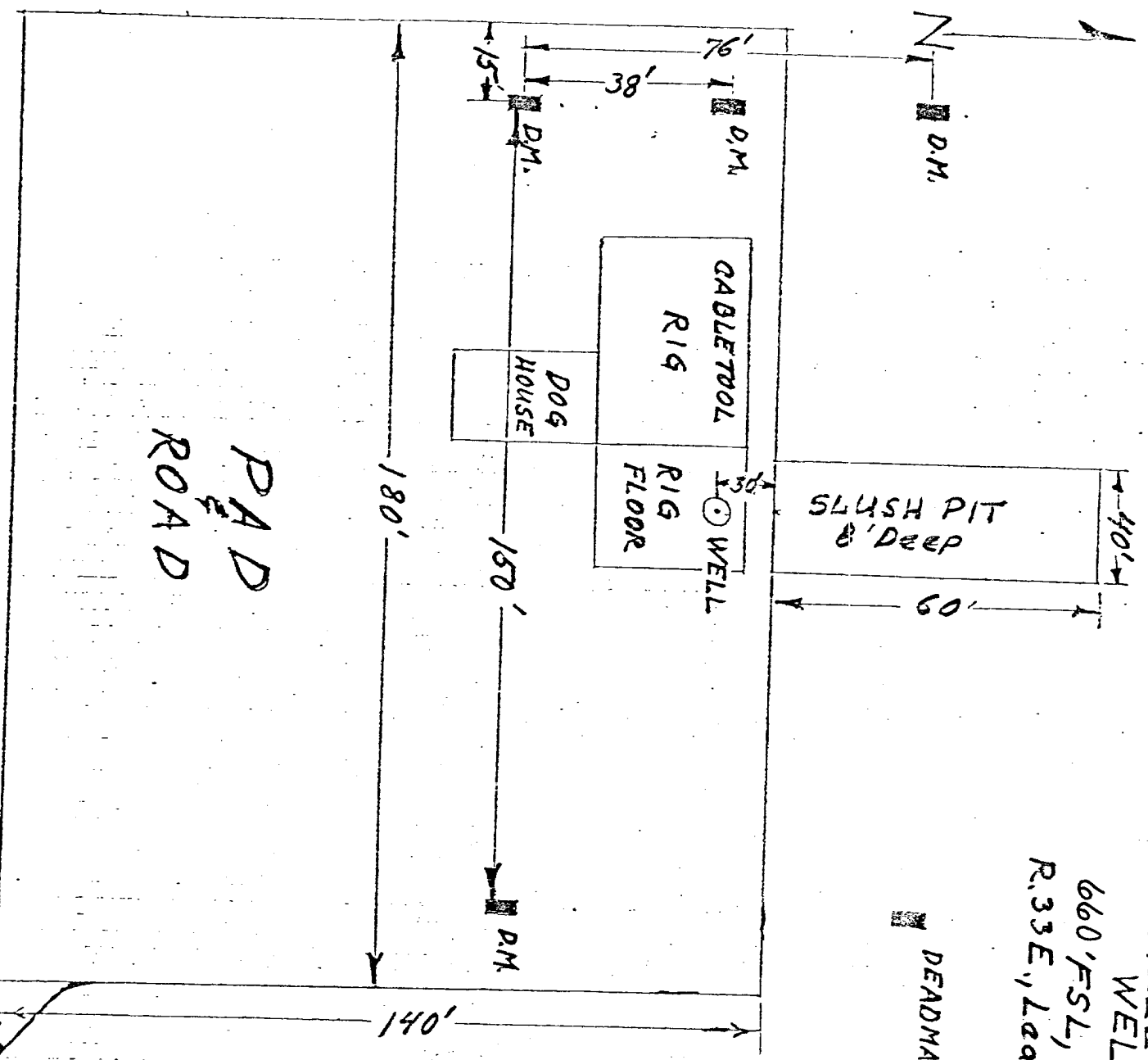
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COMMUNICATIONS SECTION

PLAT "D"
 WALLEN PRODUCTION CO.
 WELL NO. 9 TONTO
 660' FSL, 2210' FWL, See 30, T. 19S.
 R. 33E, Lea City, NM Scale 1" = 30'

DEADMAN



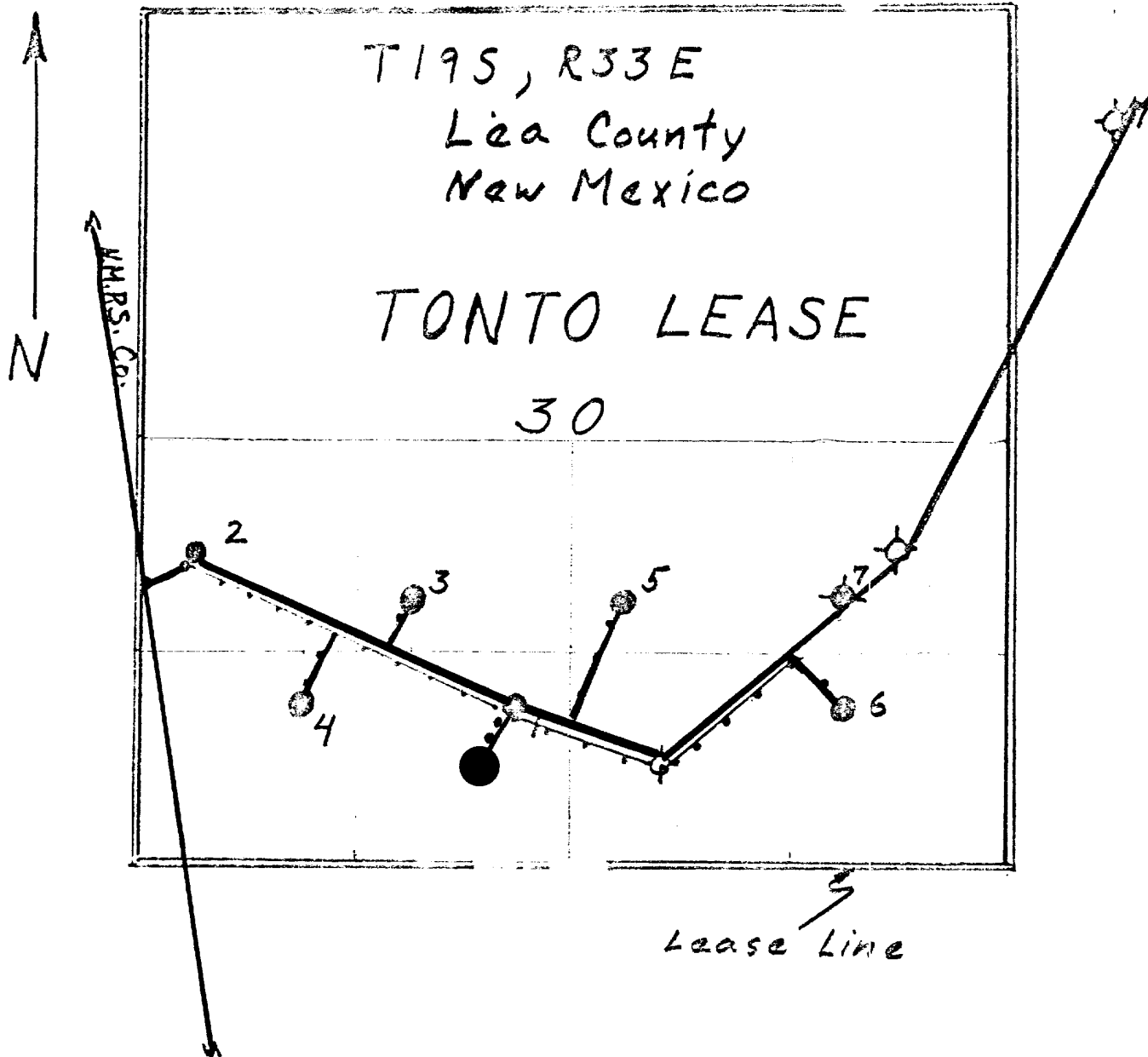
CALICHE PAD ROAD
 8" Mat Compacted
 DEADMEN
 7" Pipe, 6' Long
 6' Deep

1" = 30'

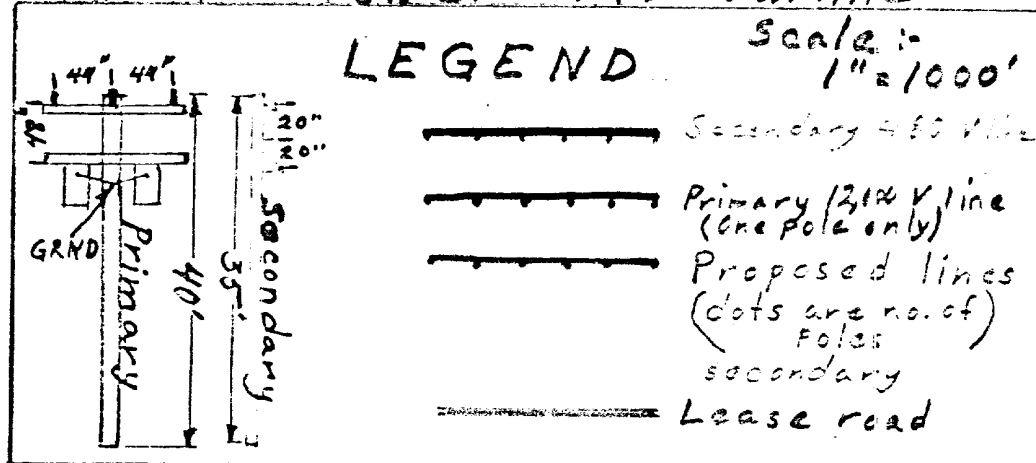
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Electric Power Line Outline



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