

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 ☐

2. NAME OF OPERATOR

Anadarko Production Company

3. ADDRESS OF OPERATOR

P. O. Box 67, Loco Hills, New Mexico 88275

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

At surface

660' FWL & 1980' FWL Sec. 10, T 17S, R 30E
Eddy County, New Mexico

At proposed prod. zone Same

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

3 miles Northeast of Loco Hills

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

3050'

20. ROTARY OR CABLE TOOLS

Rotary

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

3728' GL

22. APPROX. DATE WORK WELL START*

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#	500'	150 sacks
7 7/8"	4 1/2"	10.5#	3050'	450 sacks

1. Rig up Rotary Tools.
2. Drill to approximately 500', set and cement 8 5/8" casing, install and test Series 900 double ram hydraulic blowout preventor.
3. Drill to T. D. 3050'.
4. Set and cement 4 1/2" casing on T. D.
5. Run cased hole logs and perforate Grayburg Zones.
6. Stimulate perforated zones.
7. Put well on production.

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.

Original Signed by
Jerry E. Buckles

SIGNED

TITLE

Area Supervisor

DATE

December 10, 1976

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRATION DATE APR 11 1977

*See Instructions On Reverse Side

copy to SF

30-015-22018

5. LEASE DESIGNATION AND SERIAL NO.

N. M. 0467931

6. IF INDIAN ALLOTTEE OR TRUSTE NAME

7. UNIT AGREEMENT NAME

8. PART OR LEASE NAME

Federal R

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

X Square Lake 5B-5A

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

10 - 17S - 30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to drill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plat, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

RECEIVED

JAN 15 1971

U.S. G. O.
FEDERAL OFFICE

**NEW MEXICO OIL CONSERVATION COMM. ON
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.

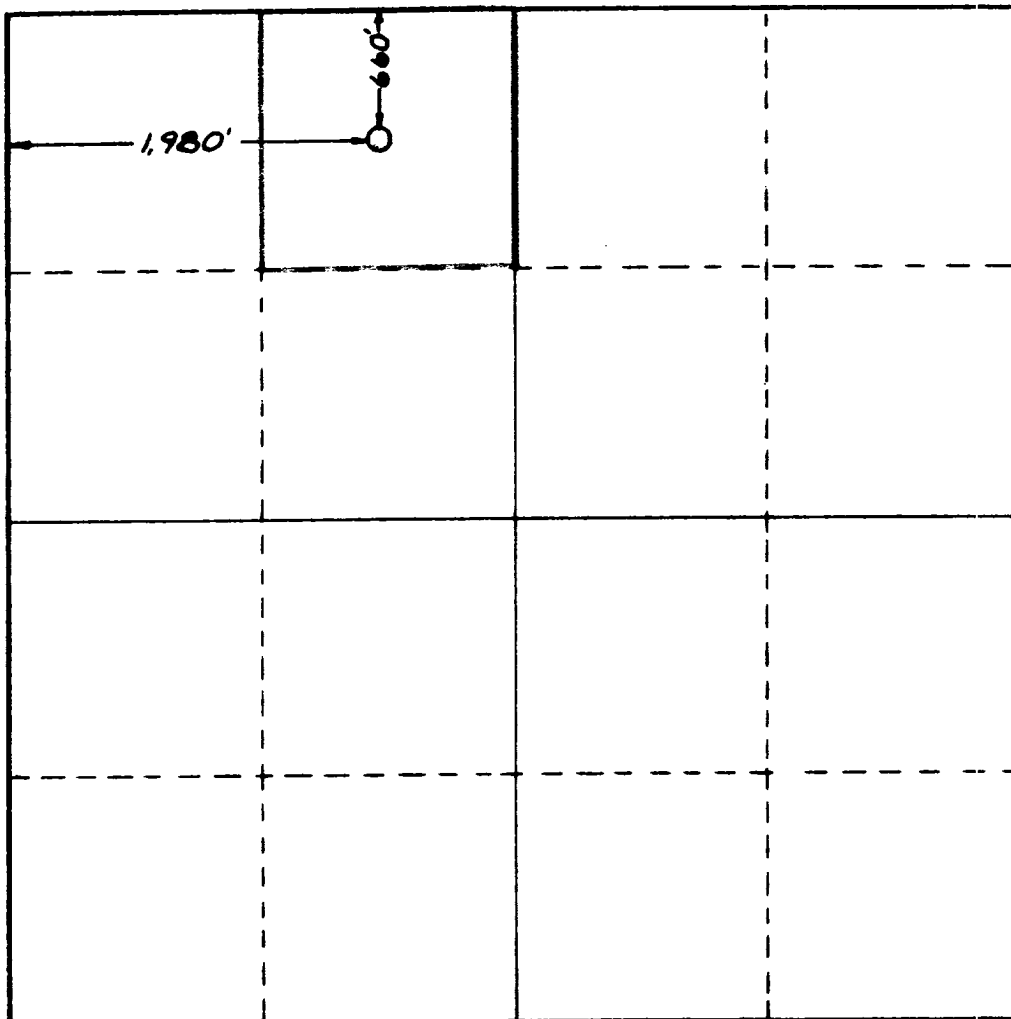
Operator ANARDARKO PRODUCTION COMPANY			Lease Federal h		Well No. 6
Init Letter "C"	Section 10	Township 17 South	Range 30 East	County Eddy	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3728	Producing Formation Grayburg		Pool Square Lake		Dedicated Acreage: 40.00 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 C. English

Name
Production Foreman

Position
Anadarko Production Co.

Company
December 15, 1976

Date

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
December 18, 1976

Registered Professional Engineer
and/or Land Surveyor
L. JONES

Certificate No. **3640**



ANADARKO PRODUCTION COMPANY

1000 A. ALLEN BLVD.
ARTESIA, NEW MEXICO 88210

WINSTON, NEW MEXICO 88250
CABLE ADDRESS: ANADARK

P. O. Box 67
Loco Hills, New Mexico 88255
December 14, 1976

United States Geological Survey
P. O. Drawer U
Artesia, New Mexico 88210

Gentlemen:

Following is the "Surface Use and Operation Plan" for the drilling of Anadarko Production Company Federal "R" No. 6, located 660' FNL & 1980' FWL Section 10, Township 17 S, Range 30 E, Eddy County, New Mexico.

1. Existing Roads - A map is enclosed showing hard surface county road. The existing lease roads are indicated by red lines.
2. Planned Access Roads - Planned access road of caliche will be approximately 20' wide and 250' long; this proposed road is indicated by dashed red line on enclosed map. There will be no fences to cut or cattle guards to set.
3. Location of Existing Wells - All existing wells on lease are indicated on enclosed map. There are no exploratory wells being drilled within a two mile radius.
4. Location of Tank Batteries, Production Facilities and Lines - Tank battery is indicated by blue area; flow lines are indicated by solid blue lines and proposed flow line for this well is indicated by dashed blue line.
5. Location and Type of Water Supply - Fresh water to be used at drilling site will be furnished by Double Eagle Water Co. Existing water line is indicated by solid orange line on plat. Temporary water line is indicated by dashed orange line and will be placed in existing roadway so as to require no additional right-of-way. Temporary line will be removed after completion of well.
6. Source of Construction Material - There is an open caliche pit in the Southwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 10, T 17S, R 30E, and is indicated by light green area on enclosed plat.

DEC 20 1976

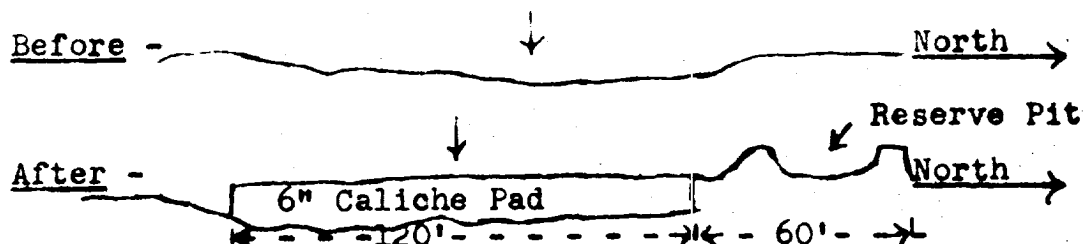
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

7. Methods for Handling Waste Disposal - Enclosed drill site plat indicates location of drilling pits, reserve pit and a rubbish pit. After sufficient time has passed to allow drilling fluids to dry, all pits will be closed and leveled. The rubbish pit adjacent to drilling site will be deep enough to contain all rubbish when covered and leveled.

8. Ancillary Facilities - There are no Camps or Airstrips planned.

9. Well Site Layout - Well site has been staked and is indicated by dark green area on enclosed map. A plat of drilling site is also enclosed. Drilling site is a sandy area covered by sparse native vegetation. Drilling pad will be 6 inches of caliche measuring 200 feet East to West and 120 feet North to South. Reserve pit and rubbish pit area will measure 150 feet East to West and 60 feet North to South. Drilling pad will blend with terrain as there are no predominant hills, valleys, washes or trees in the area. This is a development well so there is no possibility it will be drilled then plugged and abandoned.

Cross section - Before and After - is shown below:



10. Plans for Restoration of Surface - Commercial Well.

Reshaped Topography - The area of mud pits, reserve pits and rubbish pit will be leveled as they were prior to construction.

Waste Disposal - Rubbish will be buried upon completion of drilling operations. All future trash will be removed by the individual generating same.

Caliche Pad - Caliche drilling pad will remain intact until well is abandoned.

Road - This caliche road measuring 20' by 250' will remain intact as long as well is productive.

Time Table - The well will produce for several years.

Plans for Restoration of Surface - Plugged and Abandoned well.

Surface will be restored in accordance with all regulations at time of abandonment.

11. Other Information - Topography is generally flat, surrounded by small sand dunes.

Soil Characteristics - Unconsolidated sand.

Flora - Sparse grass and weeds.

Fauna - Rabbits, rats, mice, birds and snakes.

Other Surface Use Activities - Leased grazing land.

Surface Ownership - Federal land.

Water Wells - None.

Lakes, Streams and Ponds - None.

Dwellings - None.

Other Facilities - None.

Archaeological Sites - None.

Historical Sites - None.

Cultural Sites - None.

12. Operators Representative - John C. English, Production Foreman for Anadarko Production Company.

- Office Phone 677-2411

- Home Phone 746-6320

13. Certification - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site 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 the operations proposed herein will be performed by Sweatt Construction Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

December 14, 1976
Date

John C. English, Production Foreman
Name Title

R 30 E

N

County Highway

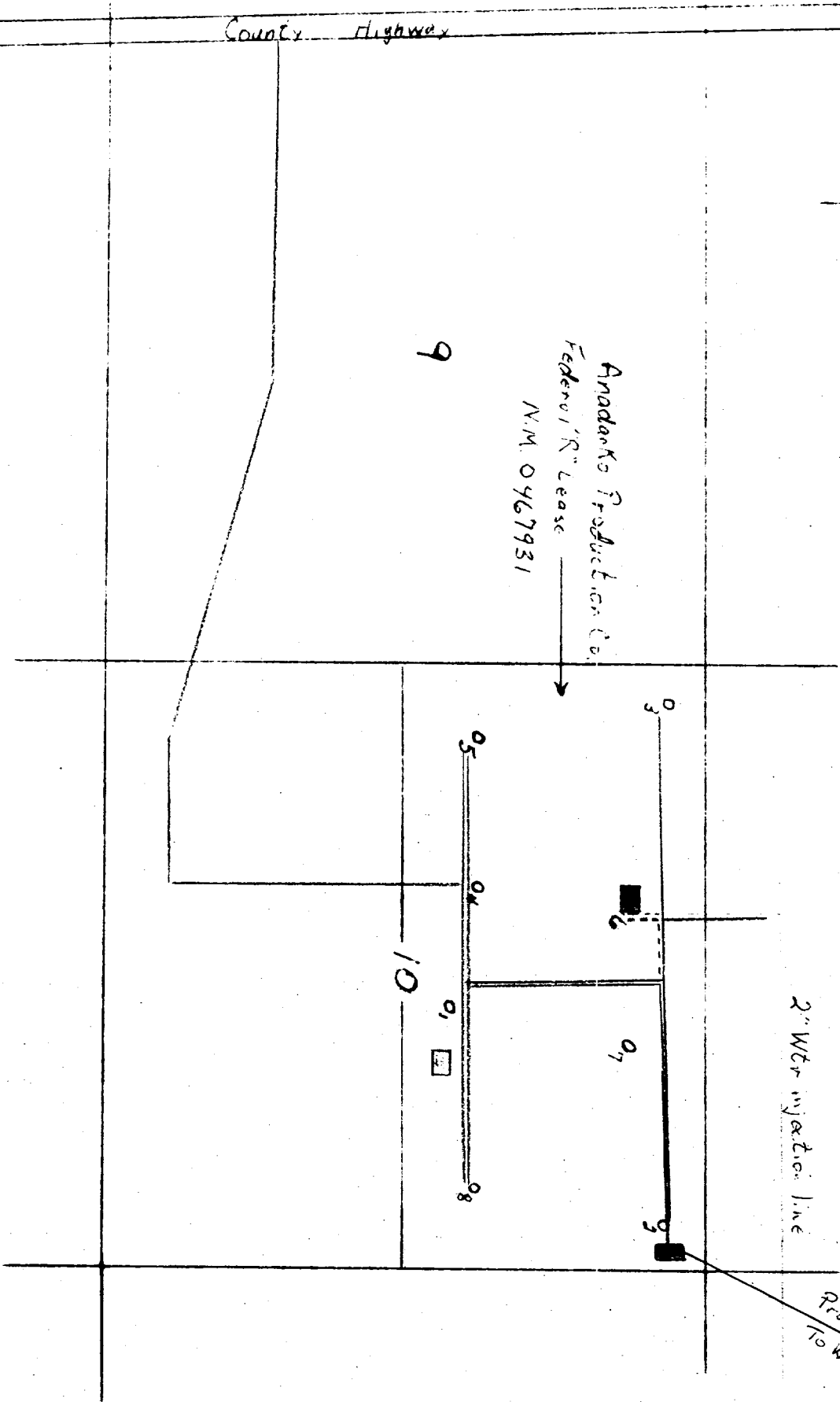
Anadarko Production Co.
Federal "R" Lease
N.M. 0467931

9

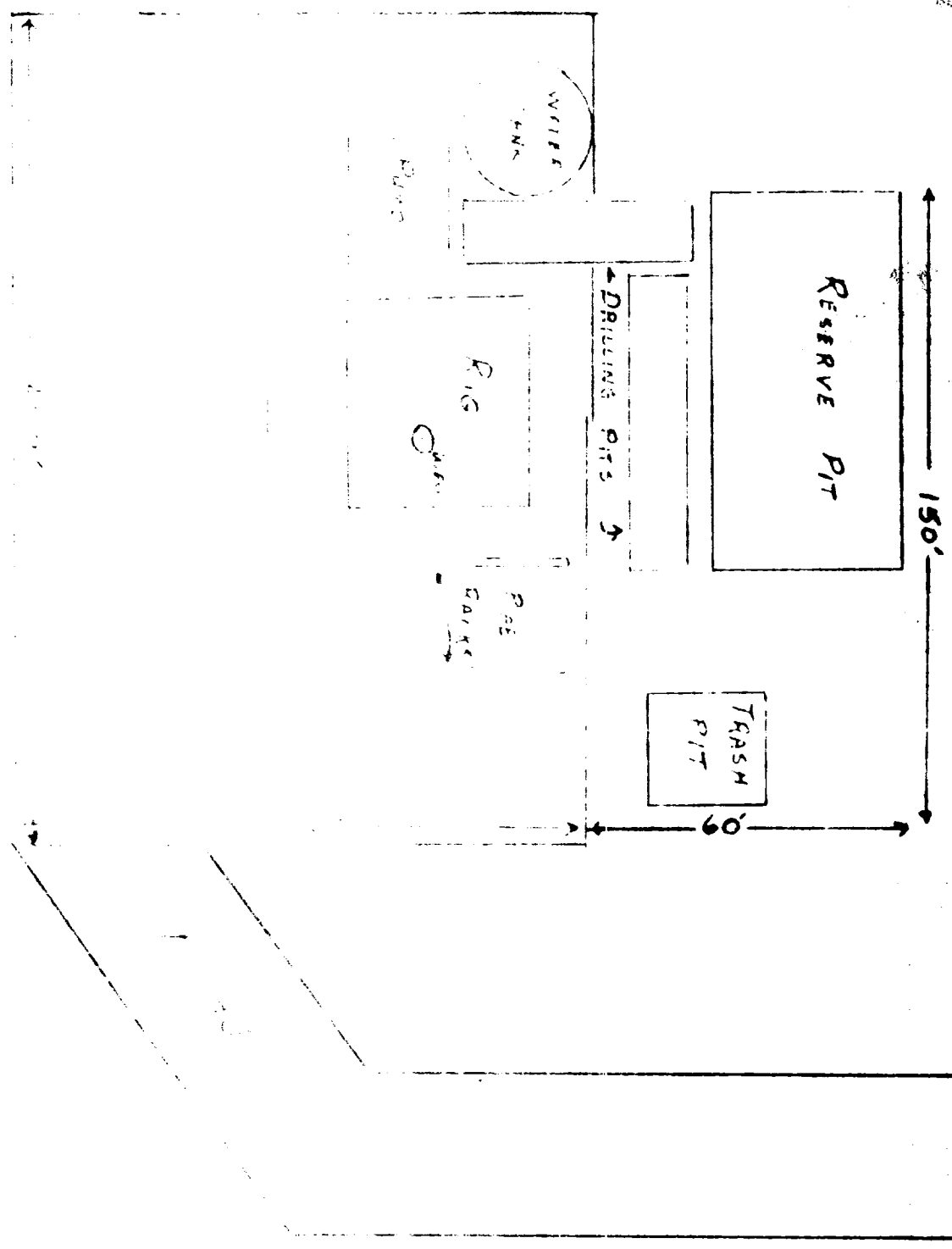
2" Wtr injection line

Produced Wtr Line
To Water Plant

Edley County, New Mexico



DO NOT



STANDARD
STANDARD