

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

GREAT WESTERN DRILLING COMPANY

RECEIVED

3. ADDRESS OF OPERATOR

BOX 1659 MIDLAND, TEXAS 79701

MAY 1 1973

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

At surface

2080' FWL, 860' FWL, Section 23, T-21-S, R-22-E

At proposed prod. zone

MORROW

ARTESIA, OFFICE

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

40 MILES SW OF ARTESIA

15. DISTANCE FROM PROPOSED*

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

860'

16. NO. OF ACRES IN LEASE

2,880

17. NO. OF ACRES ASSIGNED

320 (W/2 Sec. 23)

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

1st well

19. PROPOSED DEPTH

9,600'

20. ROTARY OR CABLE TOOLS

ROTARY

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

4257.8' GR

22. APPROX. DATE WORK WILL START*

UPON APPROVAL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13 3/8"	48#	300'	400 sz, to be circulated
12 1/4"	8 5/8"	32# & 24#	1,800'	1200 sz, to be circulated
7 7/8"	5 1/2"	15.5# & 17#	9,600'	265 sz

OBJECTIVE: MORROW FORMATION

MUD PROGRAM: 0-300' spud mud; 300' to 1800' water and solids mud if needed;
1800' to TD water, gel and starch.BLOWOUT PREVENTER: Hydraulically operated Series 900 with blank and pipe rams.
To be tested daily. Also Series 900 April

RECEIVED

APR 20 1973

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed non-productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depth. Also blowout preventer program, if any.

24.

SIGNED R. I. ComstockTITLE Chief EngineerDATE 4-19-73

(This space for Federal or State office use)

APR 30 1973

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APR 30 1973

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 8 5/8" CASING.

*See Instructions On Reverse Side

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 redrill 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 plats, 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.

**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.

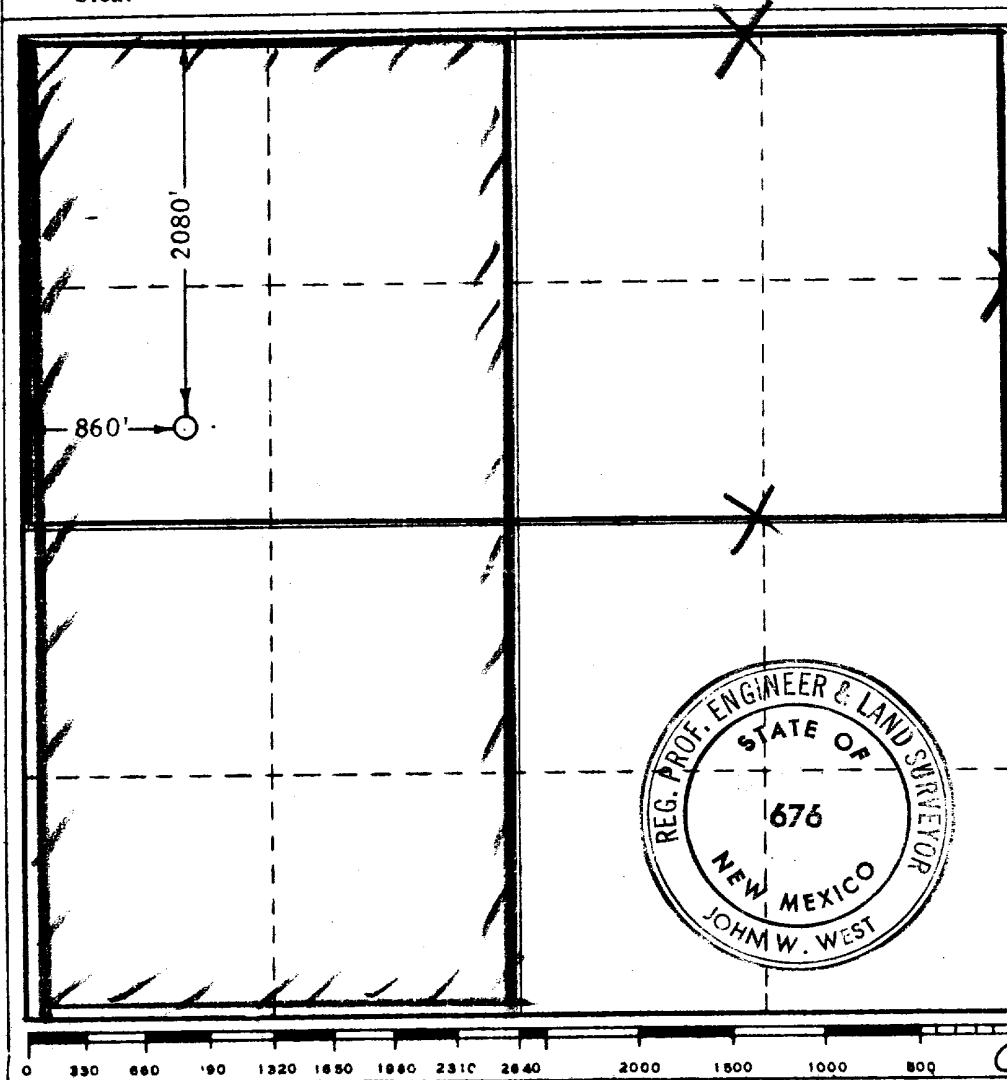
Operator GREAT WESTERN DRILLING CO.			Lease W. I. B. UNIT		Well No. 1
Unit Letter E	Section 23	Township 21 SOUTH	Range 22 EAST	County EDDY	
Actual Footage Location of Well: 2080 feet from the NORTH line and 860 feet from the WEST line					
Ground Level Elev. 4257.8'	Producing Formation MORROW		Pool WILDCAT		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.

R. I. Comstock

Name
R. I. Comstock

Position
Chief Engineer

Company
Great Western Drilg. Co.

Date
April 19, 1973

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
APRIL 13, 1973

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**

GREAT WESTERN DRILLING CO.
MIDLAND, TEXAS

April 19, 1973

United States Department of the Interior
Geological Survey
Carper Building
Artesia, New Mexico 88210

Re: PLAN OF DEVELOPMENT
Great Western Drilling Company
W.I.B. Unit No. 1
Eddy County, New Mexico

Gentlemen:

The following information is submitted in support of our application to drill the above captioned well:

1. Existing roads: See Attachment 1
2. Planned roads: See Attachment 1
3. Location of wells: See Attachment 2
4. Lateral road to well location: See Attachment 2
5. Location of tank battery and flow line:
SE $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$, Section 23, T-21-S, R-22-E
6. Location and type of water supply: Existing water well in
Section 4, T-22-S, R-22-E, with a temporary water line
from supply well to drilling location.
7. Method of waste disposal: Burn pit
8. Location of camps: None
9. Location of airstrips: None
10. Location layout: See Attachment 3
11. Plans for restoration: All pits will be backfilled, the location
cleaned and levelled and restored to original condition insofar
as possible.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

R. I. Comstock
R. I. Comstock
Chief Engineer

GREAT WESTERN DRILLING CO
MIDLAND, TEXAS

April 16, 1935

Mr. J. B. Gentry
Gentry Building
Arizona, New Mexico 86102

Re: PLAN OF RESTORATION
Great Western Drilling Company
W.I.B. Unit No. 1
Eddy County, New Mexico

Gentlemen:

The following information is submitted in support of our application to drill the above captioned well:

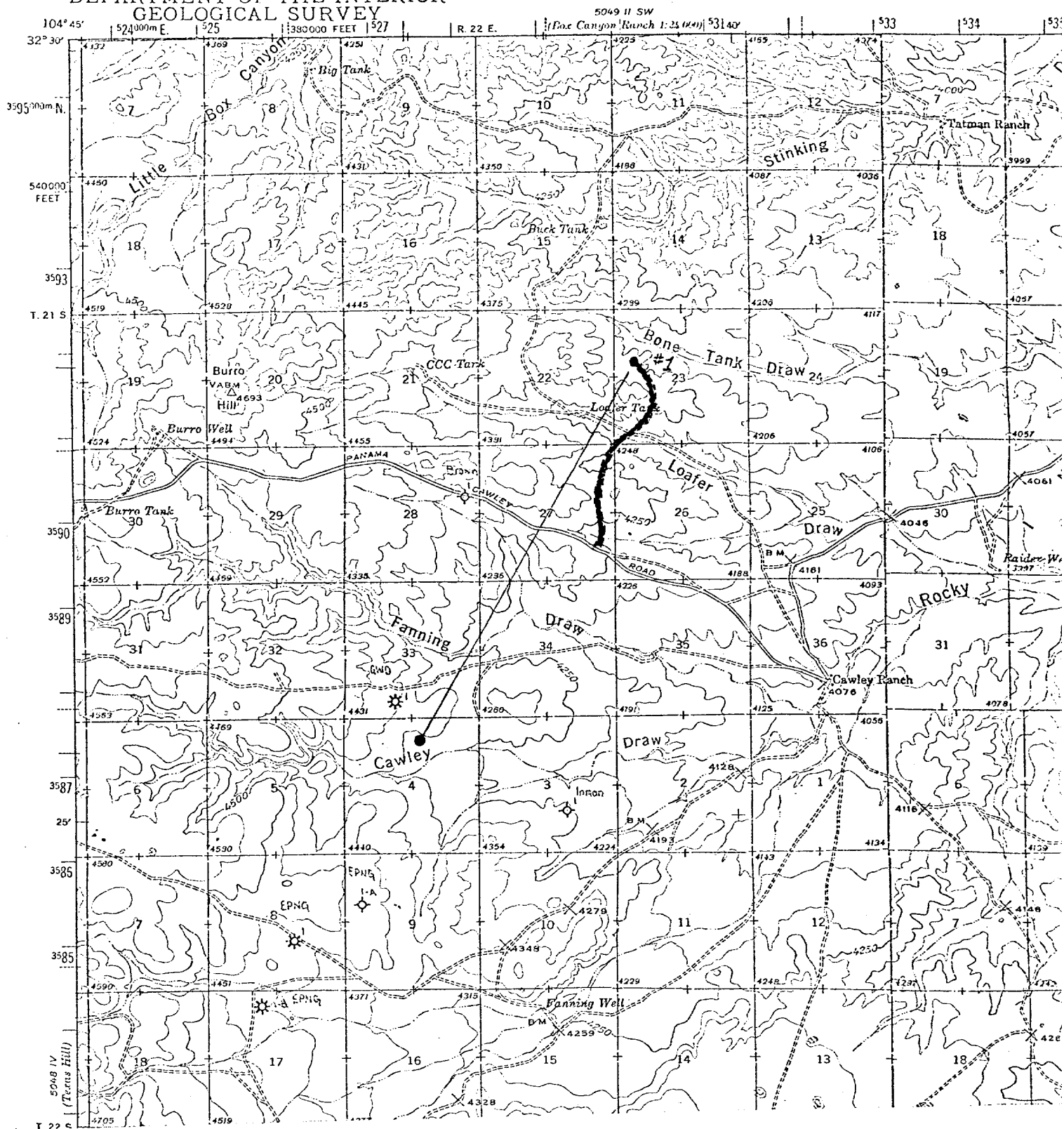
1. Existing water: See Attachment 1
2. Planned water: See Attachment 1
3. Location of water: See Attachment 2
4. Access road to well location: See Attachment 3
5. Location of tank battery and flow line:
SMA, SVA, WVA, section 23, T-11-S, R-23-E
6. Nature and type of water supply: Extensive water supply in section 2, T-12-S, R-23-E, with a temporary water supply from supply well to drilling location.
7. Method of waste disposal: Run pit
8. Location of camp: None
9. Location of electricity: None
10. Location layout: See Attachment 3
11. Plans for restoration: All pits will be backfilled, the location cleaned and leveled and restored to original condition insofar as possible.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

E. I. Gentry
Chief Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



ATTACHMENT NO. 1

OPERATOR :

Great Western Drilling Company

WELL NAME:

W.I.B. Unit No. 1 (Shown in red)

LOCATION:

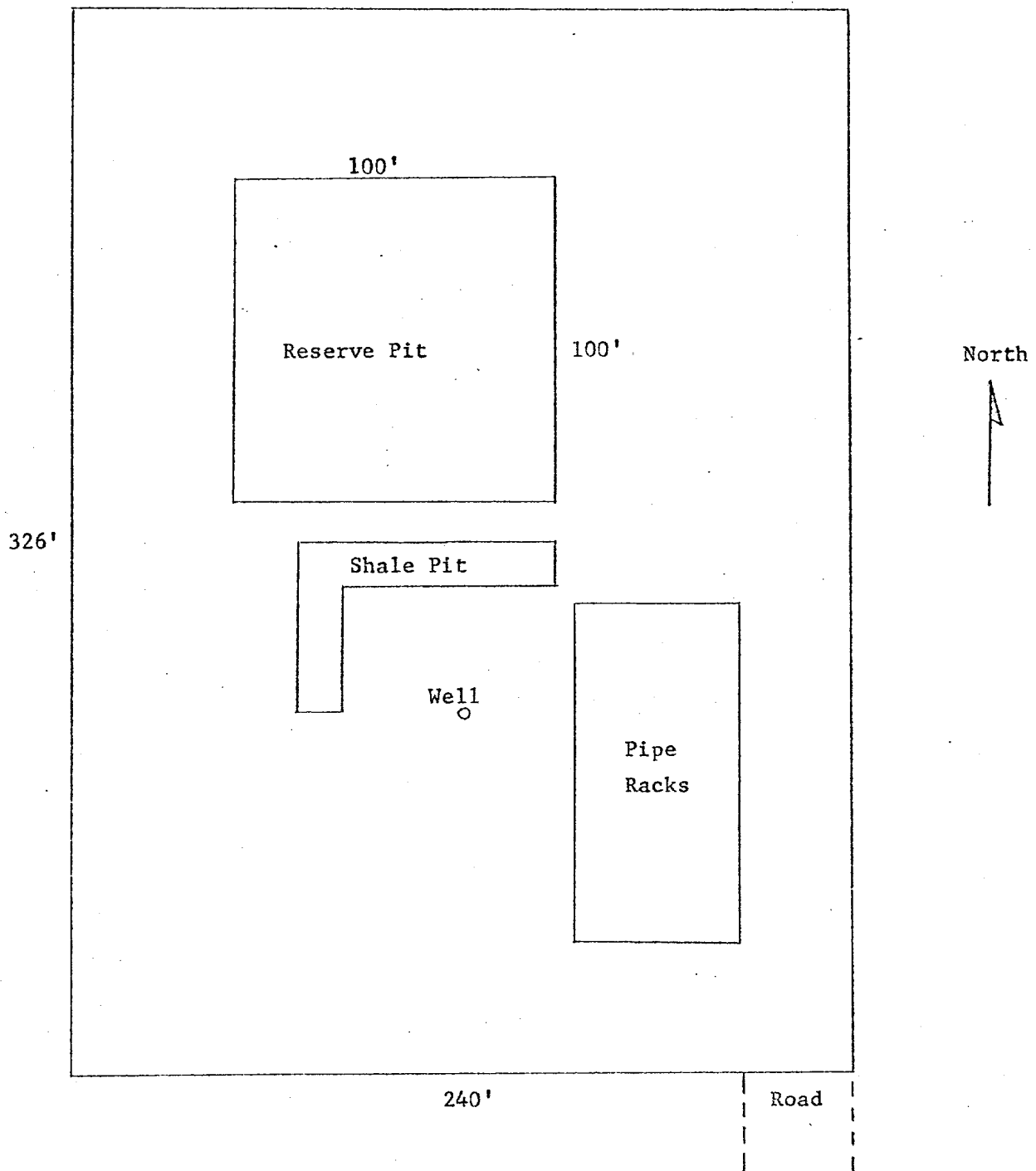
2080' FNL, 860' FWL, Section 23, T-21-S,
R-22-E, Eddy County, New Mexico
Shown in green

PROPOSED ROAD:

PROPOSED WATER SUPPLY LINE: Shown in yellow

WATER SUPPLY WELL:

Shown in purple



ATTACHMENT NO. 3

LOCATION LAYOUT

OPERATOR: Great Western Drilling Company

WELL NAME: W.I.B. Unit No. 1

LOCATION: 2080' FNL, 860' FWL, Section 23, T-21-S, R-22-E
Eddy County, New Mexico