

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-015-21456

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM0476685-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

HAY HOLLOW UNIT

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT

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

Sec. 11, T-26-S,
R-27-E

12. COUNTY OR PARISH 13. STATE

EDDY

NEW MEX.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 (E/2 Sec. 11)

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START*

Jan. 5, 1975

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

3. ADDRESS OF OPERATOR

P. O. BOX 1659 MIDLAND, TEXAS 79701

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

2080' FSL & 1980' FEL, Sec. 11, T-26-S, R-27-E

At proposed prod. zone

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

12 mi S. of Malaga, NM on US 285 Hwy., thence 6 miles west

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

1980'

16. NO. OF ACRES IN LEASE

7,040

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

1st well

19. PROPOSED DEPTH

12,700'

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

3214.0 GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48#/ft.	650'	513 sx
12 1/2"	8-5/8"	32# & 36#/ft.	5750'	1758 sx
7-7/8"	4 1/2"	11.6#/ft. N080 & P-110	12,700'	972 sx

OBJECTIVE: MORROW FORMATION

MUD PROGRAM: 0-650' Spud mud consisting of Aquagel flocculated with lime.

650'-5,750' cut brine 9.5 #/gal.

5,750'-8,900' fresh water 9.0 #/gal.

8,900'-11,600' brine 9.5 #/gal.

11,600'-12,700' Dextrid-Drispac 10.0 #/gal.

BLOWOUT PREVENTER:

12" 900 series double ram hydro - surface.

10" 1500 series double ram hydro w/hydril - intermediate.

Pipe rams to be checked daily during daylight hours, and ram on each trip out of hole below 3,000'.

The requirements of the U.S. Dept. of the Int. in letter dated 6/22/73, shall be met.

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

TITLE General Superintendent

DATE 12-19-74

(This space for Federal or State office use)

APPROVED
JAN 15 1975
H. L. BEEKINWAY
ACTING DISTRICT ENGINEER

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973
APPROVAL DATE

TITLE

DATE

THIS APPROVAL IS FOR THE PROPOSED OPERATIONS

AND NOT COMMENCED WITHIN 6 MONTHS.

*See Instructions On Reverse Side

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

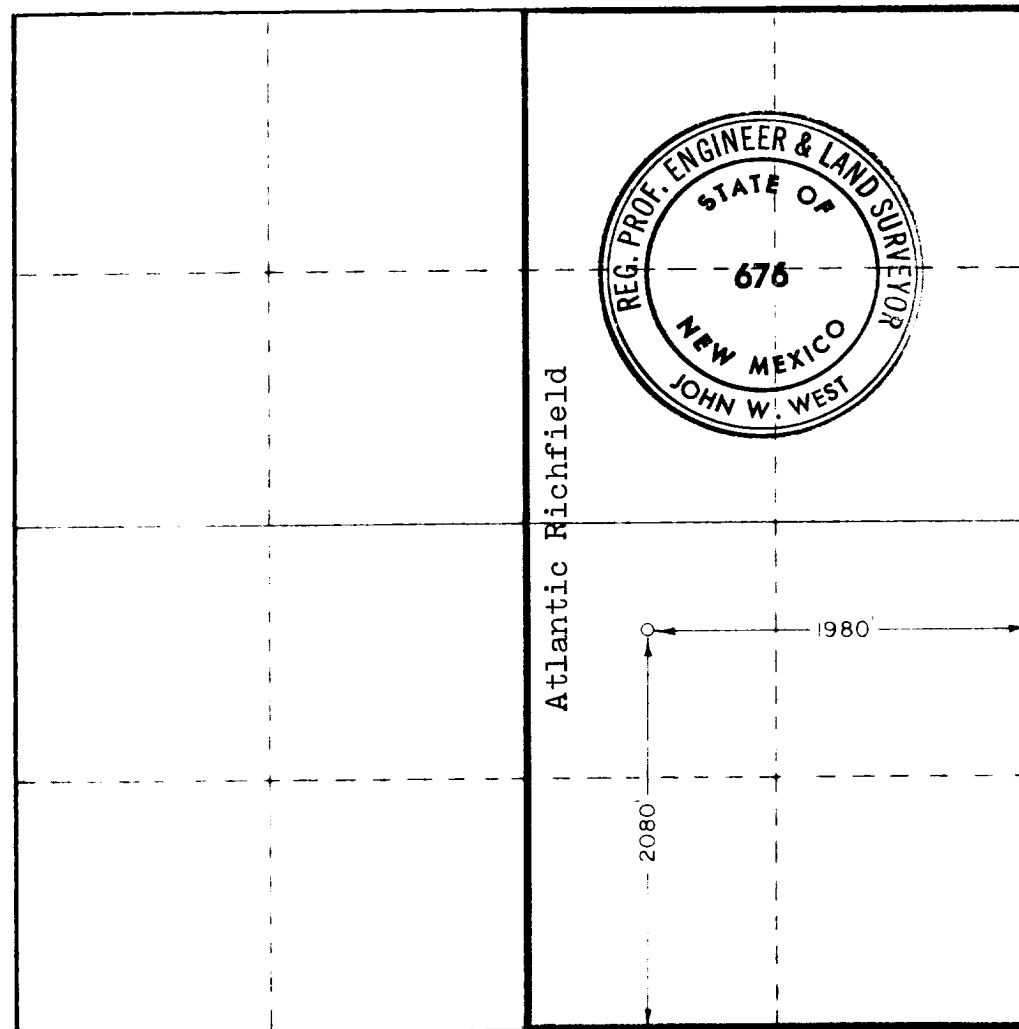
Owner Great Western Drilling Company			Lease Hay Hollow Unit		Well No. 1
Section J	Range 11	Township 26 South	Range 27 East	County Eddy	
Actual Location of Well: 2080 feet from the South line and 1980 feet from the East line					
Ground Elev. 3214.0	Producing Formation Morrow	Pool Wildcat	Dedicated Acreage: 320 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 D. Ballard

Name
General Superintendent

Position
Great Western Drilling Co.

Company
12/20/74

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 16, 1974

Registered Professional Engineer and Land Surveyor

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



December 19, 1974

PHONE 682 5241
ADDRESS REPLY TO:
BOX 1659
MIDLAND, TEXAS 79701

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

Re: Plan of Development
Great Western Drilling Company
Hay Hollow 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: County road - See Attachment No. 1
2. Planned roads: From County road to well location - See Attachment No. 1.
3. Location of well: See Attachment No. 2
4. Lateral road to well location: See Attachment No. 1
5. Location of tank battery and flowline: Approximately 200' southeast of well in Section 11, T-26-S, R-27-E
6. Location and type of water supply: Propose drilling fresh water well, approximately 200' southwest of Hay Hollow Unit No. 1
7. Method of waste disposal: Burn pit, covered with two foot fill after drilling operations.
8. Location of camps: None
9. Location of airstrips: None
10. Location layout; See Attachment No. 3
11. Plans for restoration: All pits will be backfilled, the location cleaned and levelled and restored to original condition insofar as possible. All caliche pads will be ripped and the area will be reseeded with grass.

December 19, 1974

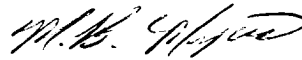
Page 2

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

12. Blowout preventer assembly: See Attachment No. 4

Yours very truly,

GREAT WESTERN DRILLING COMPANY

A handwritten signature in dark ink, appearing to read "M. B. Myers", is written over the company name.

M. B. Myers
Assistant Chief Engineer

MBM/fl
Enclosures

ATTACHMENT NO. 1

OPERATOR:

GREAT WESTERN DRILLING COMPANY

WELL NAME:

HAY HOLLOW UNIT NO. 1 (Shown in Yellow)

LOCATION:

2080' FSL & 1980' FEL, Section 11, T-26-S,
R-27-E, Eddy County, New Mexico

EXISTING ROADS:

County road (Shown in Red)

PROPOSED ROAD:

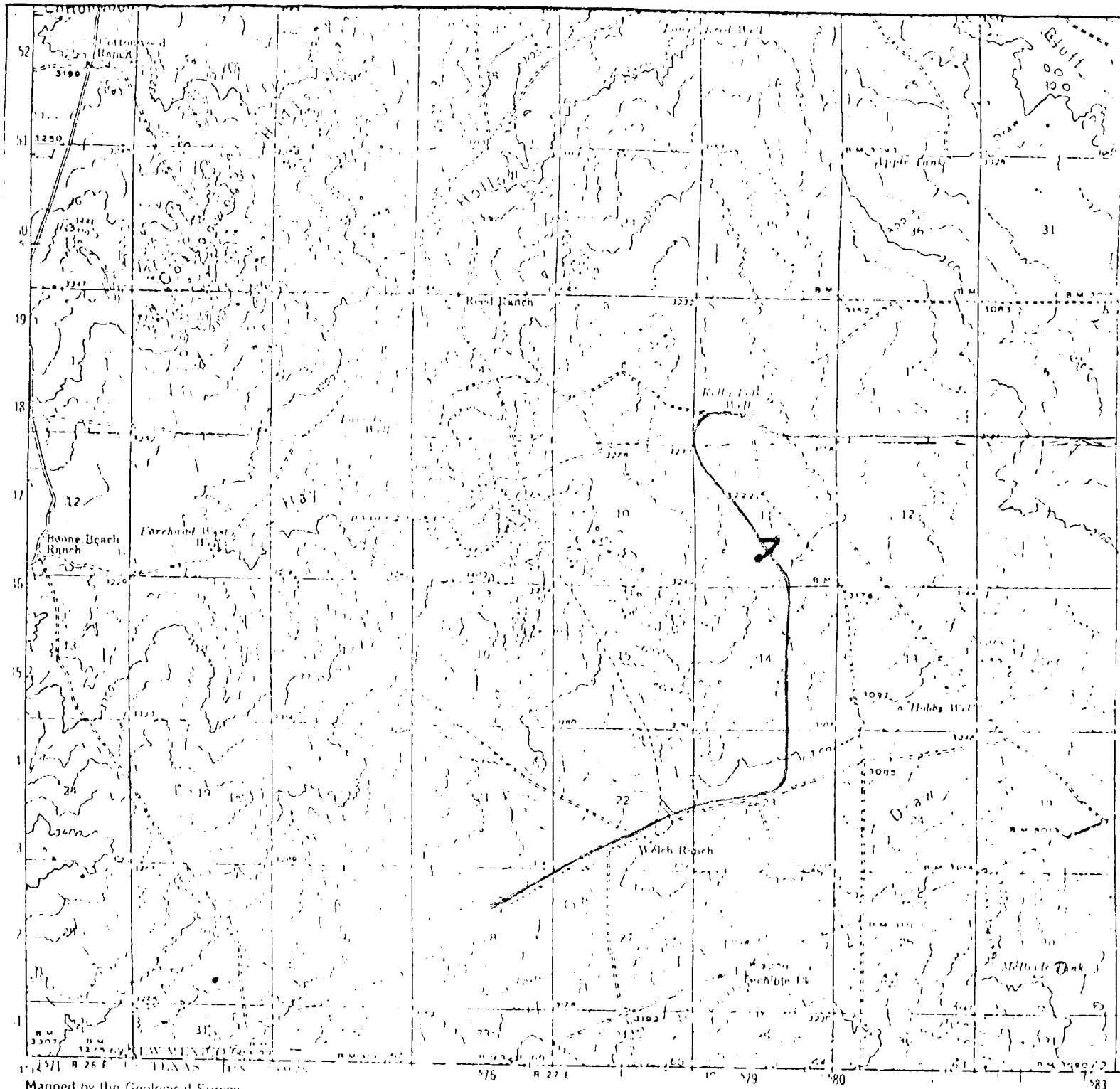
County road to well, approx. 50' (Shown in Green)

WATER SUPPLY WELL:

Which will be drilled (Shown in Blue)

PROPOSED WATER SUPPLY LINE:

Shown in Purple

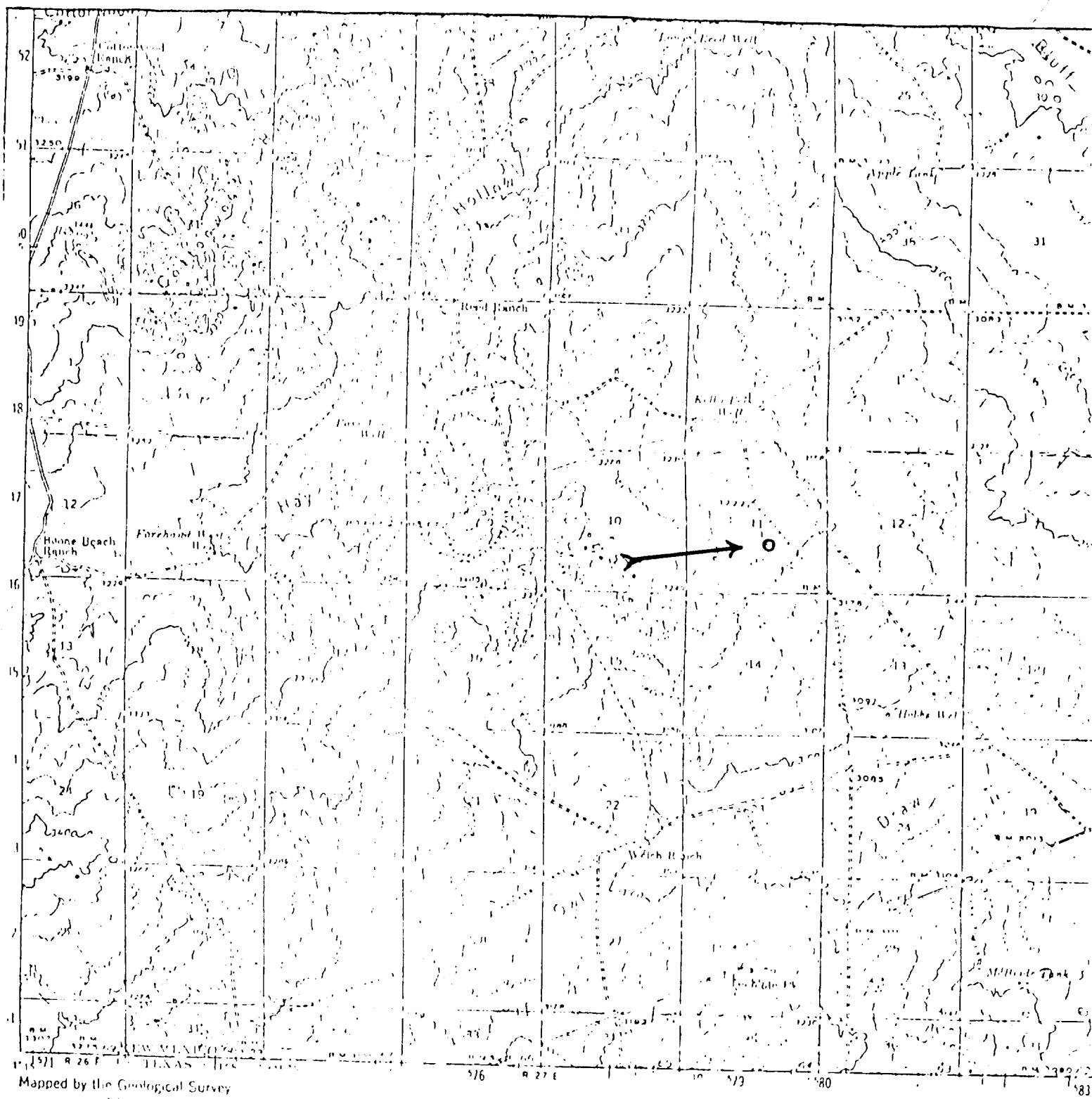


Mapped by the Geological Survey
1945

1000 meter Universal Transverse Mercator grid ticks
zone 13, shown in blue

SCALE 1:62,500

OPERATOR: GREAT WESTERN DRILLING COMPANY
WELL NAME: HAY HOLLOW UNIT NO. 1 (Shown in Yellow)
LOCATION: 2080' FSL & 1980' FEL, Section 11, T-26-S
R-27-E, Eddy County, New Mexico



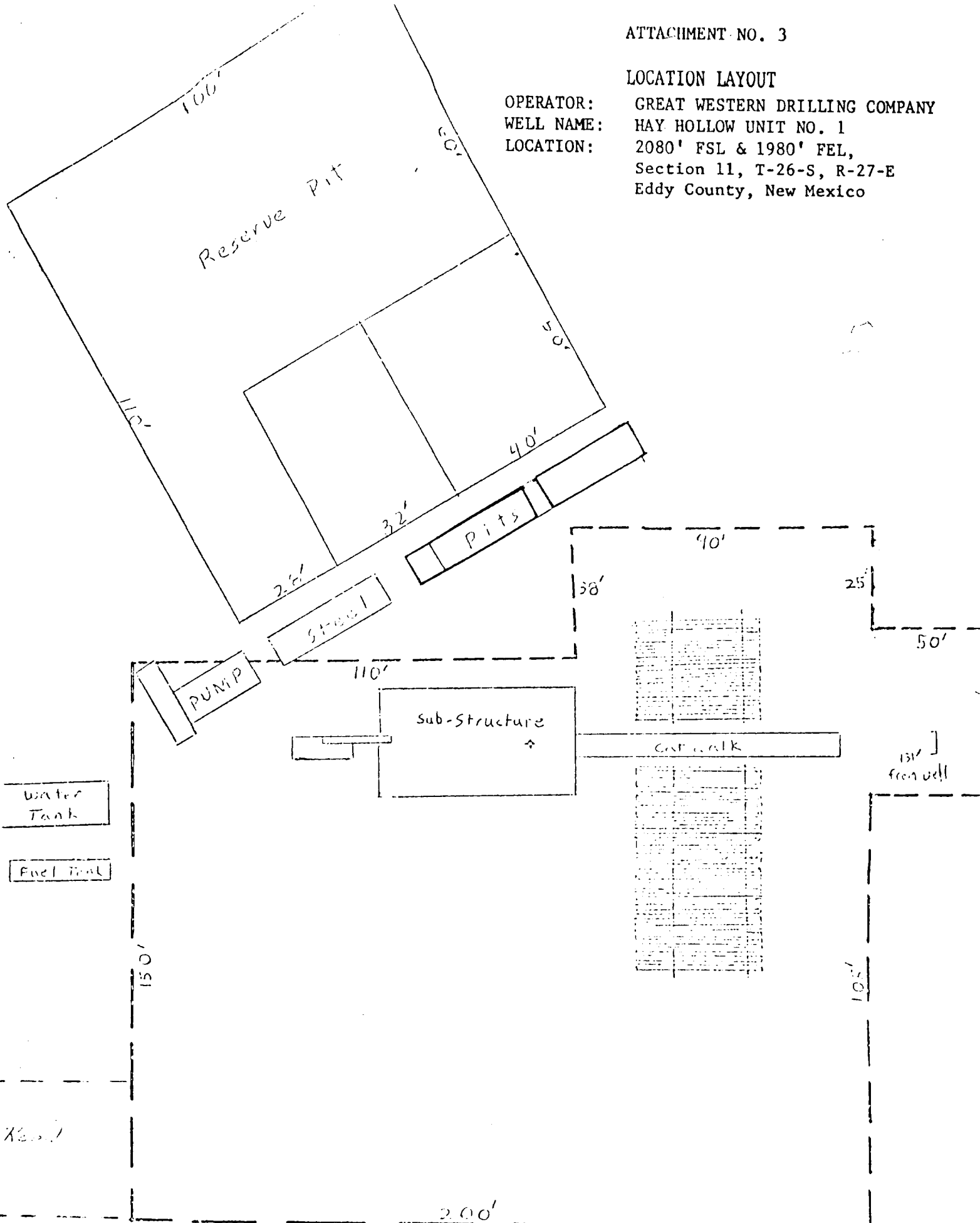
1000 meter Universal Transverse Mercator grid ticks
zone 13, shown in blue

\$5M (167500)

ATTACHMENT NO. 3

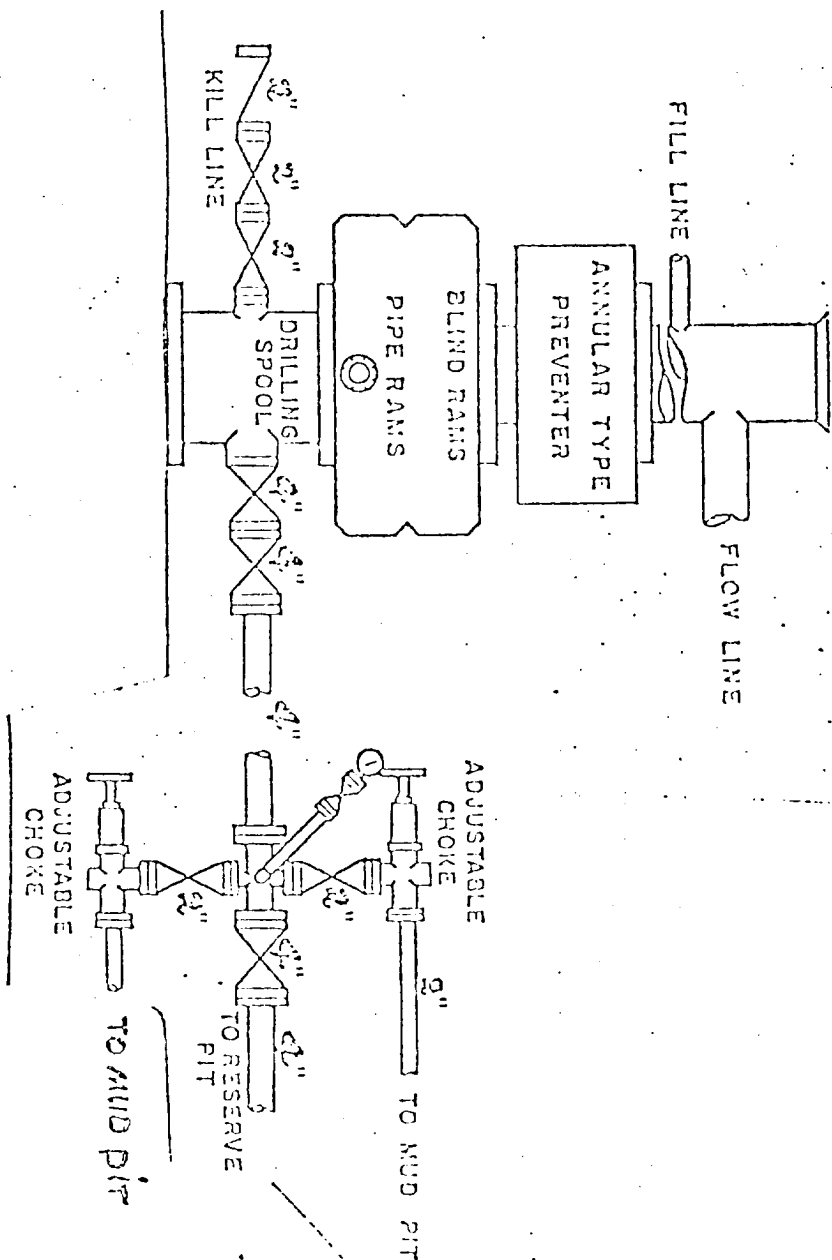
LOCATION LAYOUT

OPERATOR: GREAT WESTERN DRILLING COMPANY
WELL NAME: HAY HOLLOW UNIT NO. 1
LOCATION: 2080' FSL & 1980' FEL,
Section 11, T-26-S, R-27-E
Eddy County, New Mexico



MORANCO RIG #8

ATTACHMENT NO. 4
 BLOWOUT PREVENTER EQUIPMENT
 OPERATOR: GREAT WESTERN DRILLING COMPANY
 WELL NAME: HAY HOLLOW UNIT NO. 1
 LOCATION: 2080' FSL & 1980' FEL, Section 11, T-26-S, R-27-E, Eddy County, New Mexico



STANDARD 1500 Series BOP And Choke Manifold

MORANCO Rig # 8