

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

Mark Production Company ✓

3. ADDRESS OF OPERATOR

330 Citizens Bank Bldg., Tyler, Texas 75701

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

At surface 1980' PNL & 660' FEL

At proposed prod. zone

Same

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

21 miles North of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED

TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, 2 miles South
OR APPLIED FOR, ON THIS LEASE, FT. of PNB Albuquerque

19. PROPOSED DEPTH

6650'

20. ROTARY OR CABLE TOOLS

Rotary

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

3525 GR

22. APPROX. DATE WORK WILL START*

October 1, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	12-3/4"	32#	300'	350 sks
11"	8-5/8"	24#	1250'	375 sks
7-7/8"	4-1/2"	10.5# & 11.5#	9650'	376 sks

10" 900 Series Hydril

Shaffer Model 39 - 3000# Hydraulic Blowout Preventers (see attached plat showing choke manifold and equipment)

Mud Program:

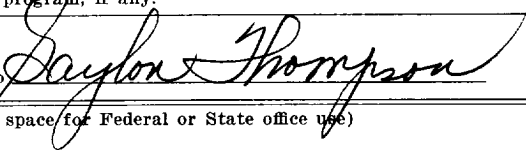
0 - 300' - Spud Mud
300 - 1250' - Native mud
1250 - 6500' - Water
6500 - 8000' - Mud up - build weight and viscosity
8000 - 9600' - 9.5# to 9.8# - Vis 34-40 - WL 20cc or less

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973

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 Assistant Secretary

DATE Sept. 4, 1974

(This space for Federal or State office use)

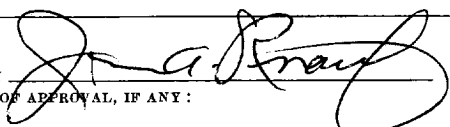
SEP 30 1974

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:



TITLE

DISTRICT ENGINEER

DATE

DECLARED WATER BASIN

CEMENT BEHIND 13 1/2' 4 1/2'
CASING MUST BE CIRCULATED.

Attachment:

1. Development Plan for Surface Use

2. Acreage Plat

*See Instructions On Reverse Side NOTIFY USGS IN SUFFICIENT TIME TO

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

WITHIN CEMENTING THE CASING.

O.C.C.
ARTESIA, OFFICE

OCT 4 1974

RECEIVED

STATIONER

STATIONER

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.

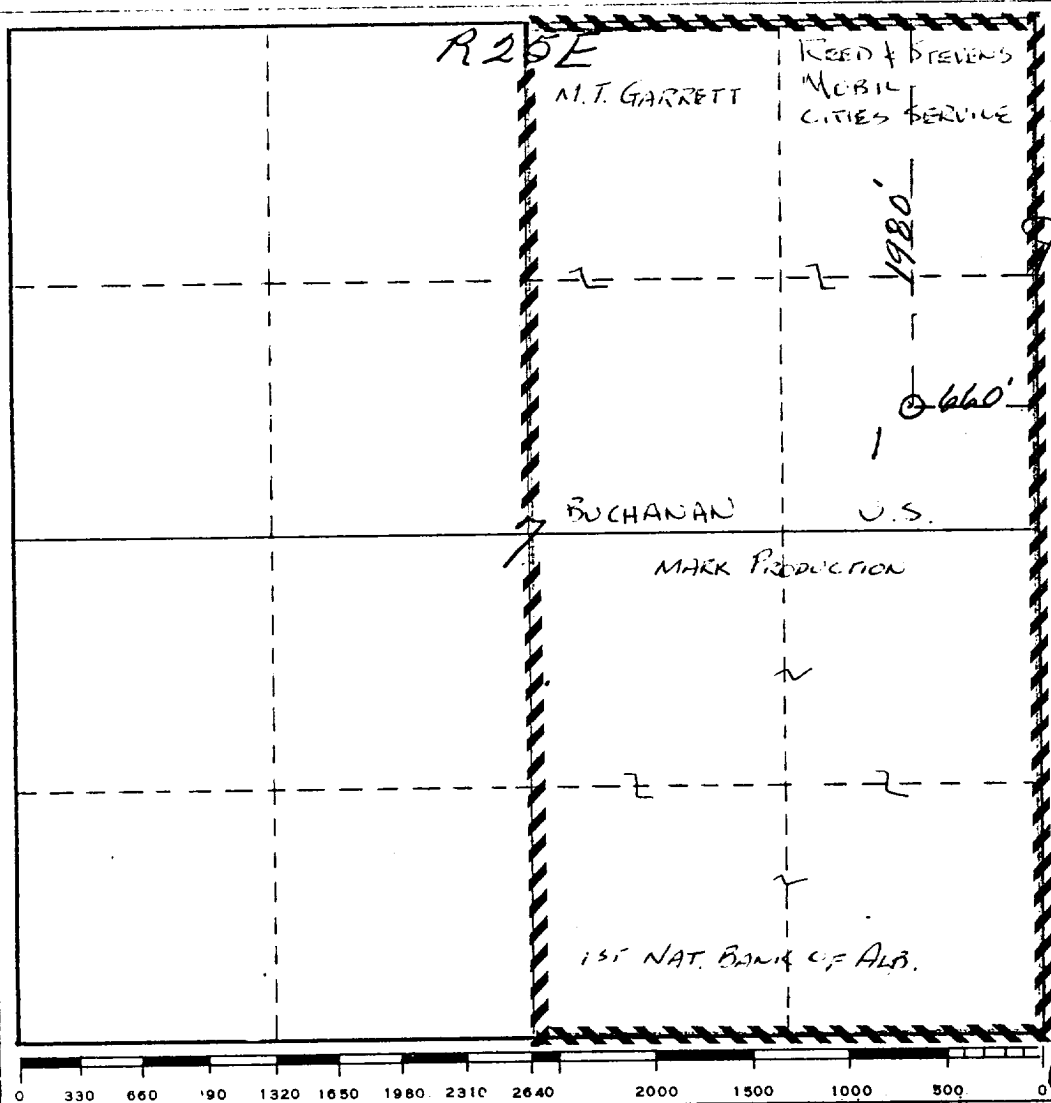
Operator <i>Mark Production Co</i>			Lease <i>Federal</i>		Well No. <i>1</i>
Unit Letter <i>H</i>	Section <i>7</i>	Township <i>20 South</i>	Range <i>25 East</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>1980</i> feet from the <i>North</i> line and <i>660</i> feet from the <i>East</i> line					
Ground Level Elev. <i>3525</i>	Producing Formation <i>Therrow</i>	Pool <i>Cemetery (Therrow)</i>		Dedicated Acreage: <i>5 320</i> 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 COMMUNITIZATION

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.

Name *Gaylon Thompson*

Position *Assistant Secretary*

Company *Mark Production Co.*

Date *September 4, 1974*

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

542

ELOPMENT PLAN FOR SURFACE USE

1. Existing roads including location of the exit from the main highway.

The location will be serviced off 285 Highway approximately 21 miles North of Carlsbad. County road goes West 7 miles to intersect with existing caliche road to Mark No. 1 FNB Albuquerque 2 miles south.

2. Planned access roads.

A new caliche road 20 feet wide and 3,300 feet long will be built from the existing caliche road going due west to the well location (see attached plat).

3. Location of existing wells. (see attached plat)
4. Lateral roads to well locations. (see attached plat)
5. Location of tank batteries and flow lines. (see attached plat)
6. Location and type of water supply.

Water will be hauled by truck.

7. Methods for handling waste disposal.

A pit will be used for waste disposal and will be covered and filled at completion of operations.

8. Location of camps. None
9. Location of airstrips. None
10. Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. (see attached plat)
11. Plans for restoration of the surface.

Location will be leveled and cleaned with all pits filled.

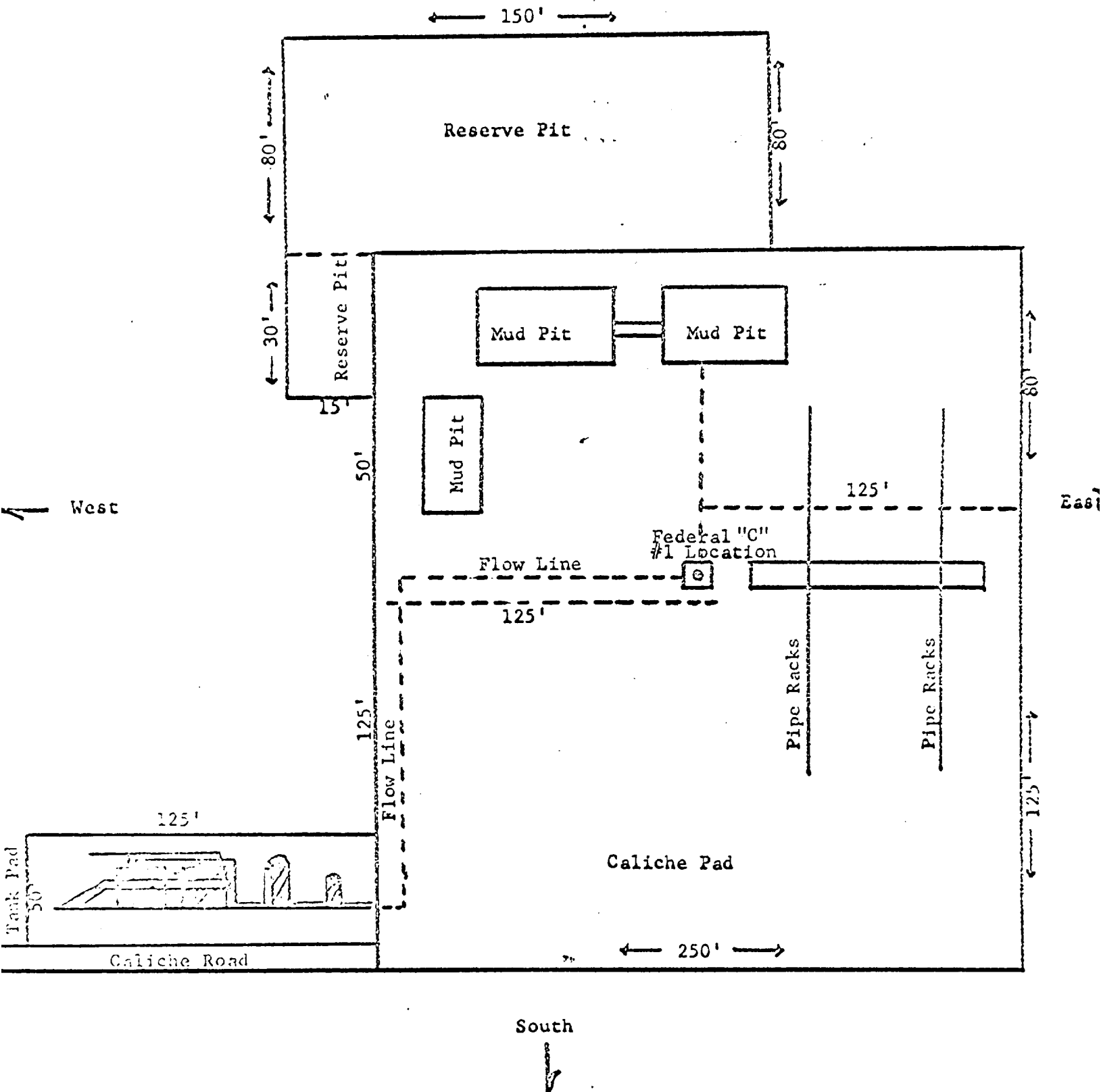
12. General description of the topography, vegetation, and other aspects of the area.

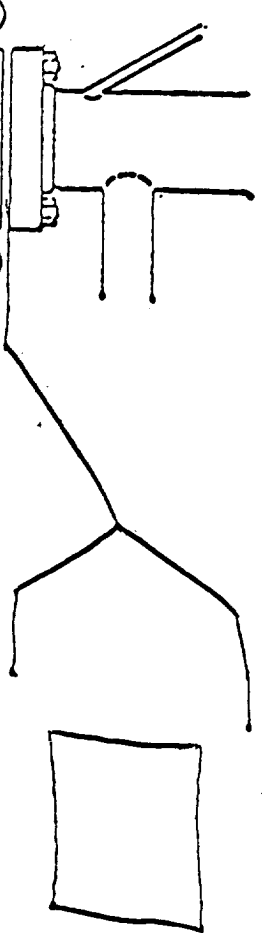
The general area is characterized as an arid desert area.

13. The field representative in charge of operations will be Mr. W. H. Cravey, Phone No. 505-393-5905, Hobbs, New Mexico

LOCATION OF RIG, EQUIPMENT,
AND TANK BATTERY

North
↑





10" 900 series Hyd. 1

Shafter Model 1.39

3000 # Hyd. BOP

2" check 2" 600

4" 600 series

Spool

3000 # Check Manifold

adjustable check

2" 600 series

2" 600 series

positive check

