

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

MEWBOURNE OIL COMPANY

3. ADDRESS OF OPERATOR

330 Citizens Bank Building, Tyler, Texas 75702

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

At surface

1650' FSL and 990' FWL

At proposed prod. zone

Same

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

10-1/2 miles north to Maljamar

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1650'

18. DISTANCE FROM PROPOSED LOCATION*

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

2310'

16. NO. OF ACRES IN LEASE

80

19. PROPOSED DEPTH

4200'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3768.8

22. APPROX. DATE WORK WILL START*

September 1, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	1200'	400 sacks - circulate
7-7/8"	4-1/2"	17#	4200'	800 sacks

Shaffer Model 39-3000 Hydraulic Blowout Preventer

Mud Program:

Drill with Brine Water

Flush with Mud for Logging

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Majorie Lotz

TITLE

Production Clerk

DATE

2-7-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE

AUG 1 1977

BERNARD MOROZ

ACTING DISTRICT ENGINEER

NO. PERMIT TO BE GRANTED
WHILE DRILLING AND TESTING.

*See Instructions On Reverse Side

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JUL 3 1977

U.S. CONSTITUTION CLERK
HON. N. Y.

**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.

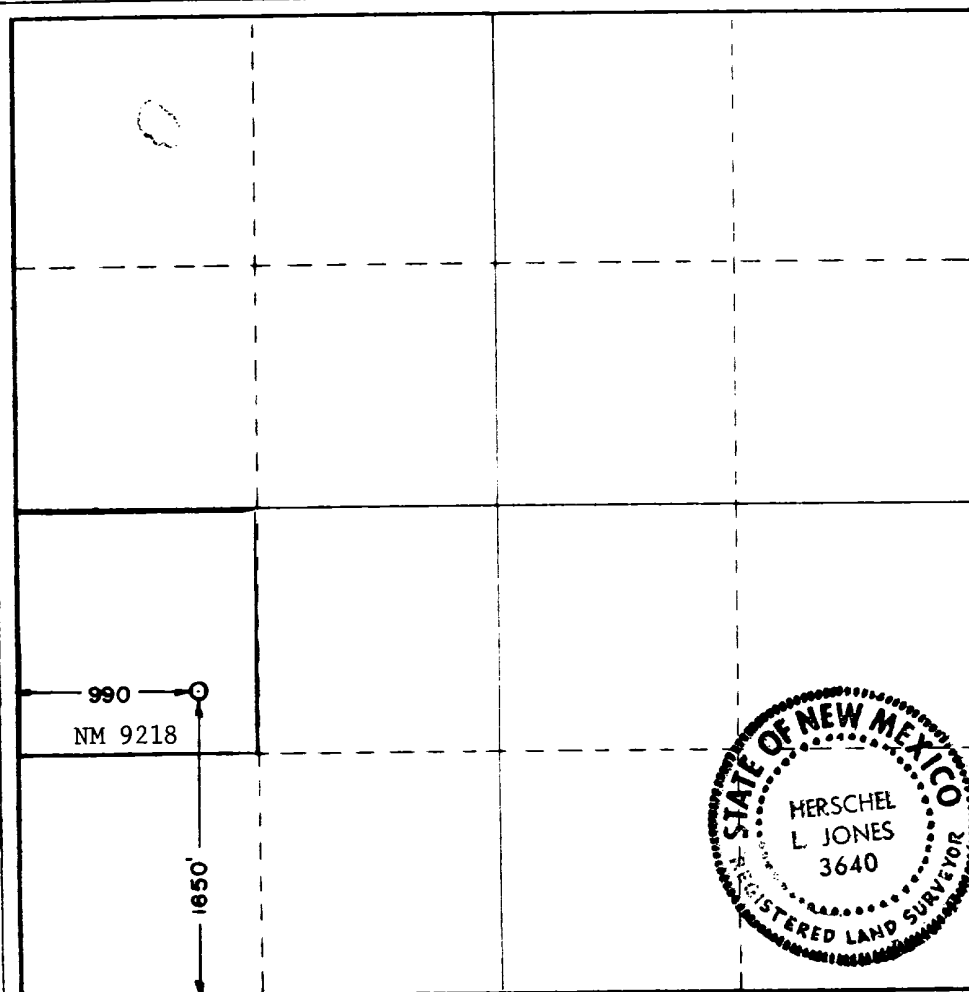
Operator MEWBOURNE OIL COMPANY			Lease Fed. "F"		Well No. #1
Unit Letter "L"	Section 23	Township 18	Range 32	County Lee	
Actual Footage Location of Well: 1650 feet from the South line and 990 feet from the West line					
Ground Level Elev. 3768.8	Producing Formation Queen		Pool Querecho Plains		Dedicated Acreage: 40 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.

Marjorie Lotz
Name

Marjorie Lotz

Position

Production Clerk

Company

Mewbourne Oil Company

Date

July 6, 1977

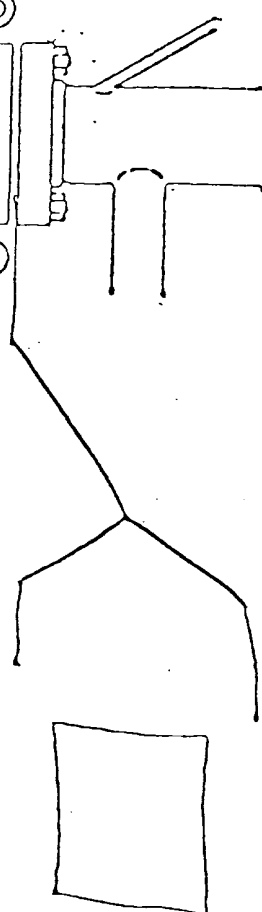
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

June 27, 1977

Registered Professional Engineer
and/or Land Surveyor

[Signature]
Certificate No.



10" 900 series Hydril

Shaft Model 39

3000 # Hyd. BOP

2" Check 2" 600

4" 600 series

Spool

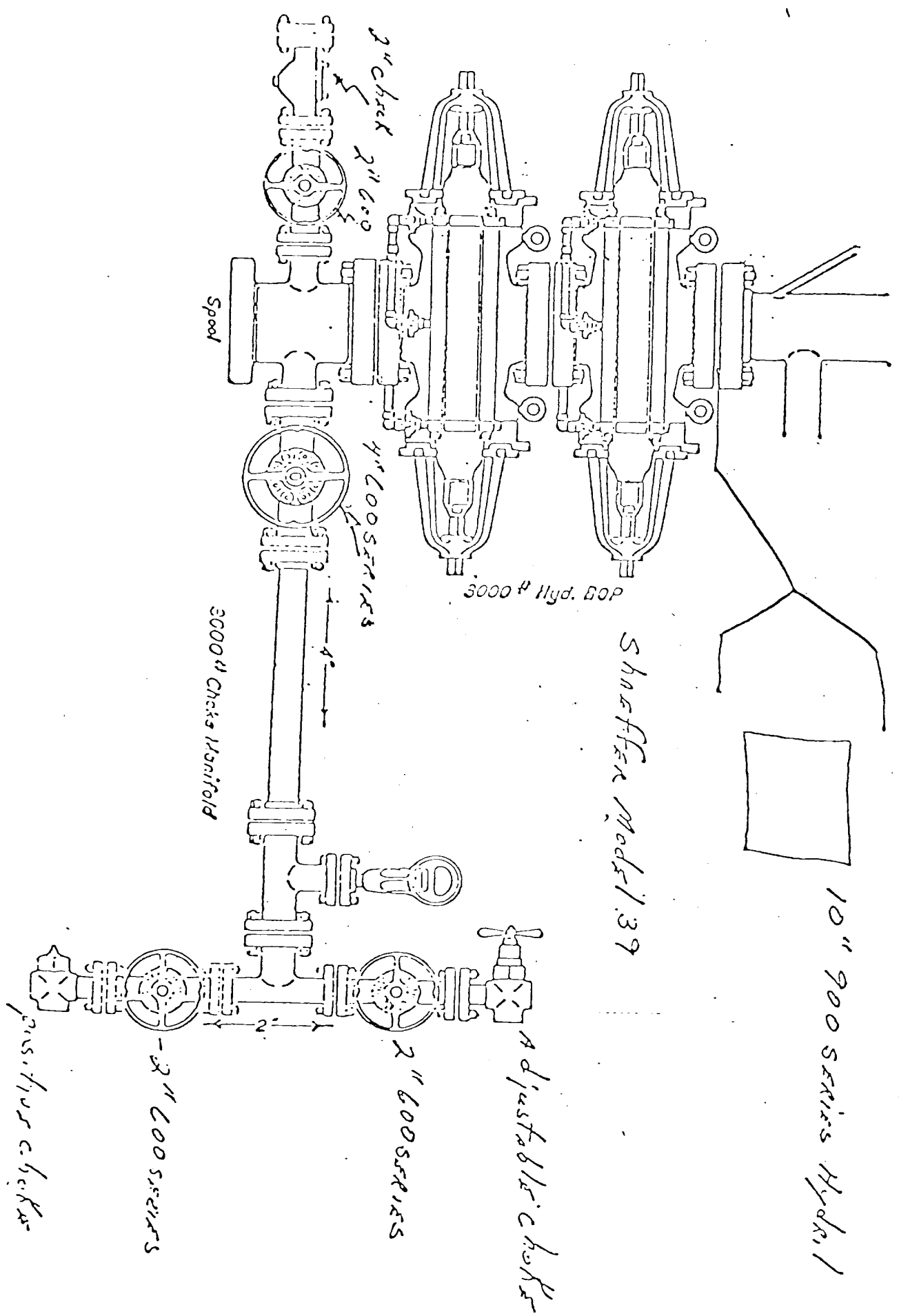
3000 # Check Manifold

Adjustable Check

2" 600 series

2" 600 series

Pressure Control



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OIL CONSERVATION COMM.
HOBBS, N. M.

MULTI- NT SURFACE USE AND OPERATIONS AN

MEWBOURNE OIL COMPANY
WELL NO. 1 FEDERAL "F"
1650' FSL and 990' FWL Sec. 23-18S-32E
LEA COUNTY, NEW MEXICO
Lease New Mexico 9218

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a highway map showing the location of the proposed well as staked. Four and one-half miles south of Maljamar at the intersection of state highway 529 and 33, lease road runs south to the southeast across sections 9, 16, 15, 22, and 23, T-18S R-32E approximately five miles. New caliche road will be constructed to location.
- B. Exhibit "B" is a plat showing the existing roads within a 3-mile radius of location.
- C. A portion of the existing lease road beginning at northwest corner of section 9 into section 22 will have holes patched. Lease road from north of section 22 to new caliche road will be watered, bladed and repaired.

2. PLANNED ACCESS ROADS:

- A. Length and Width: New road required will be 12 feet wide and 1600 feet long. This new road is labeled and color coded red on Exhibit "B". The center line of the proposed new road from the beginning to the wellsite, has been staked and flagged with the stakes being visible from any one to the next.
- B. Surfacing Material: Six inches of caliche, water, compacted, and graded.
- C. Maximum Grade: 8 Percent.
- D. Turnouts: Three turnouts will be constructed, one to be 300' from beginning of new road and the second to be 300' from location, each to increase the new road to a width of 22' and will be for a distance of 50' each.
- E. Drainage Design: New road will have a drop of 6" from center line on each side.
- F. Culverts: None required.

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OIL CONSERVATION COMMISSION
HOBBS, N. M.

G. Cuts and Fills: None required.

H. Gates, Cattleguards: One cattleguard will be constructed.

3. LOCATION OF EXISTING WELLS:

A. Existing wells within a two-mile radius are shown on Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. If the well is productive the tank battery and flow line will be located on the well pad and no additional surface disturbance will occur.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water will be purchased and trucked to the wellsite over the existing and proposed roads shown on Exhibits "A" and "C".

6. SOURCE OF CONSTRUCTION MATERIALS:

A. Caliche for surfacing the road and the well pad will be obtained from an existing pit in the SW/4 of SE/4 Section 15-T18S-R32E. Location of the pit is shown on Exhibit "B".

7. METHODS OF HANDLING WASTE DISPOSAL:

A. Drill Cuttings will be disposed of in the drilling pits.

B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.

C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.

D. Current laws and regulations pertaining to the disposal of human waste will be complied with.

E. All trash, junk and other waste material will be contained to prevent scattering and will be removed and deposited in an approved sanitary landfill.

F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLIARY FACILITIES:

A. None required.

9. WELLSITE LAYOUT:

A. Exhibit "C" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit, and location of major rig components.

B. Only minor levelling of the wellsite will be required. No significant cuts and fills will be necessary.

C. The pad and pit area has been staked and flagged.

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10. PLANS FOR RESTORATION OF SURFACE:

- A. After completion of drilling and/or completion operations 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 in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment of the well, surface restoration will be in accordance with the agreement with the surface owner. Pits will be filled and location will be cleaned. The pit area, well pad, and all unneeded access roads will be ripped to promote revegetation. Rehabilitation should be accomplished within 90 days after abandonment.

11. OTHER INFORMATION:

- A. Topography: Arid desert with elevation of approximately 3700'.
- B. Soil: Soil is a deep fine sand underlain by caliche.
- C. Flora and Fauna: The vegetative cover is generally sparse and consists of mesquite.
- D. Ponds and Streams: There are no rivers, streams, lakes or ponds in the area.
- E. Residences and Other Structures: None in the area.
- F. Archeological, Historical and Cultural Sites: None observed in the area.
- G. Land Use: Grazing.
- H. Surface Ownership: Snyder Ranch (Mrs. Virgil Linam)

12. OPERATOR'S REPRESENTATIVE

The field representatives responsible for assuring compliance with the approved surface use and operations plan are as follows:

W. H. Cravey
1907 Cielo
Hobbs, New Mexico 88240
Phone: 505/393-5905

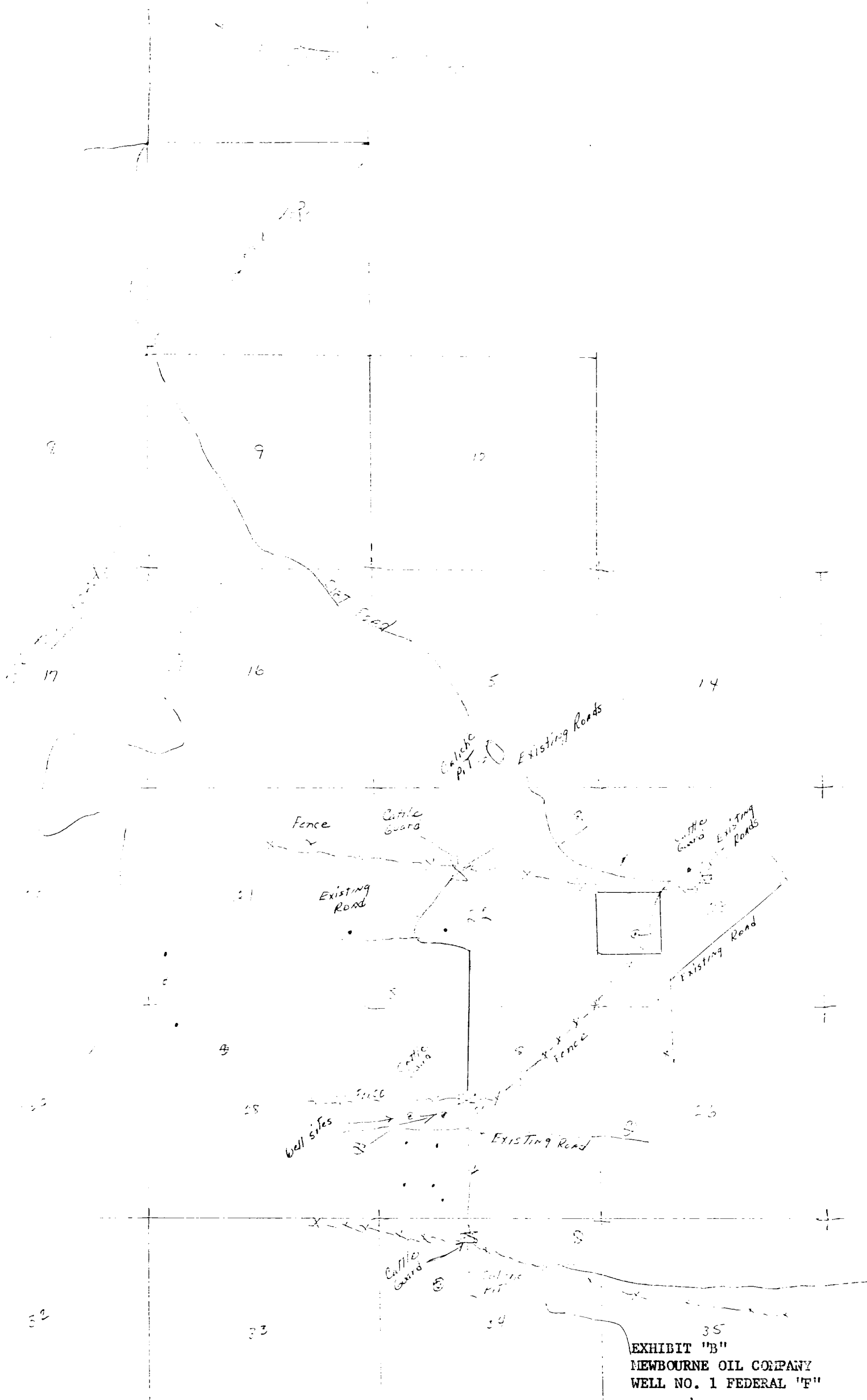
T. E. Northcutt
1010 Wall Towers West
Midland, Texas 79701
Phone: 915/682-3715 office
915/366-1619 home

13. CERTIFICATION:

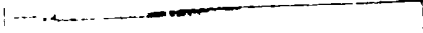
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Mewbourne Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

7. 7. 77
Date

W H Cravey Production Foreman
Name and Title



65'



U. S. Geological Survey

HOBBS DISTRICT

Mewbourne Oil Company No. 1 Federal "F" NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23-18S-32E Lea County, N. M.
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Above Data Required on Well Sign

CONDITIONS OF APPROVAL

1. Drilling operations authorized are subject to compliance with the attached General Requirements for Drilling Operations on Federal Oil and Gas Leases, dated January 1, 1977.
2. Notify this office (telephone (505) 393-3612) when the well is to be spudded and in sufficient time for a representative to witness all cementing operations. Attached are names and telephone numbers of Geological Survey and Bureau of Land Management personnel who are available for consultation during construction, drilling, completion, and rehabilitation activities.
3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.
4. Secure prior approval of the District Engineer for variance from the approved drilling program and before commencing plugging operations, plug-back work, casing repair work, corrective cementing operations, or suspending drilling operations indefinitely.
5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.
6. Each existing fence to be crossed by the permittee will be braced and tied off before cutting so as to prevent slacking of the wire. The opening will be protected as necessary during construction to prevent the escape of livestock and upon completion of construction, the fence will be repaired to BLM specifications. A cattleguard with an adjacent 12 foot gate will be installed in any fence where a road is to be regularly traveled.
7. For the protection of livestock and wildlife all pits contain toxic liquids will be fenced and covered with a fine mesh netting (i.e. Hardware Cloth) with openings being 1/2 inch or less.
8. In the event the oil or gas test results in a dry hole, the drill pad and access road will be ripped in accordance with "BLM Roswell Districts' Ripping Recommendations for Caliche or Compacted Drill Pads and Access Roads". (Reseeding of the affected areas may be required at the discretion of the BLM authorized officer).
9. All above ground structures, not subject to applicable conservation and safety requirements, shall be painted to blend with the natural surroundings. The paint used should be a nonglare, nonreflective, nonchalking color that simulates Fed. Stand. No. 595, color 30318.