

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

Herman J. Ledbetter

3. ADDRESS OF OPERATOR

1002 Sayles Boulevard Abilene, Texas 79605

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

At surface

660 FNL & 990 FEL

At proposed prod. zone

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

8 miles Southeast of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

18. DISTANCE FROM PROPOSED LOCATION*

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

None

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

3700

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

2990 GR

22. APPROX. DATE WORK WILL START*

November 1, 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	used 8 5/8"	H-40, 24#	275	100
7 7/8"	used 4 1/2"	J-55, 9.5#	3700	325 *

* 4 1/2" casing will be cemented with 225 sacks around shoe and ~~100~~ ²²⁵ sacks through a DV tool at 1150.

Estimated geologic tops: Dewey Lake Surface, Rustler 990', Seven Rivers 2975', Queen 3425', Penrose 3575'.

Anticipated Oil Zones: 3490-3535 and 3575-95.

Blowout Preventer: 10" Cameron SS Series 900 Double Hydraulic with Payne Closing Unit. The anticipated zones have been producing in this field since 1950, the zones have been depleted and a waterflood program started.

Drilling mud: Water to set surface and salt water gel and starch necessary to control fluid loss from 275 feet to total depth.

Logging Program: Run a Gamma Ray-Density log at total depth.

No tests or cores.

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

Herman J. Ledbetter

TITLE

Operator

DATE

September 24, 1976

(This space for Federal or State office use)

PERMIT NO.

Unless Drilling Operations have

APPROVAL DATE

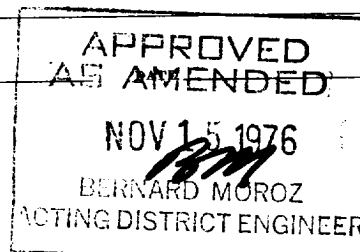
Commenced, this drilling approval

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Expires

2-15-77



*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.

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HOBBS, N. M.

**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

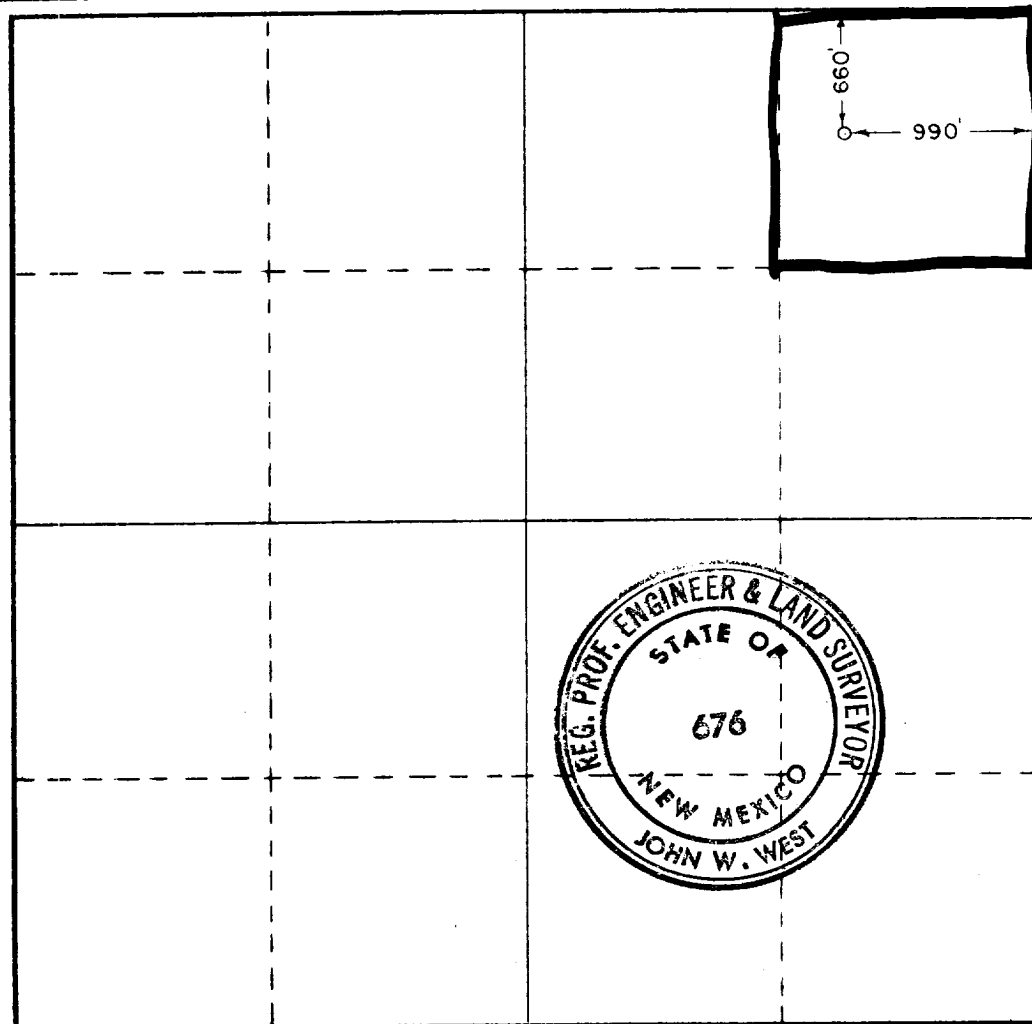
Operator HERMAN J. LEDBETTER			Lease Jay		Well No. 1
Unit Letter A	Section 24	Township 26 South	Range 37 East	County Lea	
Actual Footage Location of Well: 660 feet from the north line and 990 feet from the east line					
Ground Level Elev. 2990.0	Producing Formation <i>Queen</i>	Pool <i>South Leonard</i>		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.

Name *Herman J. Ledbetter*
Position _____

Company _____

Date *September 16, 1976*

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

Aug. 6, 1976

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. _____

676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960

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DEVELOPMENT PLAN FOR SURFACE USE

1. Existing roads including location etc.

The location will be serviced by State Highway 18 south of Jal for 6 miles, turn east through a cattle guard between the 2 and 3 mile markers. There is a Texas Pacific Oil Company South Leonard Unit sign at the cattle guard. Go approximately 2 miles east on caliche road past Texas Pacific - South Leonard Unit Injection Plant and tank battery, through a cattle guard, turn left on first road past cattle guard to Texas Pacific - South Leonard Unit well No. 10.

2. Planned access roads.

1320 feet of 12 feet wide new road will be built from Texas Pacific - South Leonard Unit No. 10 north to the proposed well site. No grade will be built. The sand will be leveled and topped with 6" of caliche. No cattle guards or culverts will be used. One turn out located at midpoint of road will be built.

3. Location of existing wells.

These are shown on Exhibits A and B.

4. Location of tank batteries and flow lines.

The proposed tank battery is to be located on the drill site. No additional surface area will be needed.

5. Location and type of water supply.

Water is to be hauled from Jal Country Club.

6. Source of construction materials.

Caliche to surface the location and road is to be taken from an existing pit in SW/4 NW/4 Section 14-26S-37E.

7. Method of handling waste disposal.

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

8. Location of ancillary facilities.

None.

9. Well site layout.

A plat of the well site and drilling rig layout is included as Exhibit C.

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10. After completion of drilling and testing, the pits will be filled and leveled, and all material not necessary for production to be moved. The quality of caliche is so poor it should disintegrate in a short period of time.
11. The location is in deep sand covered with sparse grass. The surface is presently used for grazing cattle. There is nothing of archeological, historical or cultural importance near the location or proposed road. The portion of the road in NE/4 NE/4 Section 24-26S-37E is on Federal surface and the remainder is on private land.

12. OPERATORS REPRESENTATIVES:

Walter J. Frost
P. O. Box 95
Loco Hills, New Mexico 88255

Telephone No. (505) 677-3536

Herman J. Ledbetter
1002 Sayles Boulevard
Abilene, Texas 79605

Telephone No. (915) 672-1224

13. 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 Herman J. Ledbetter and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

September 24, 1976
Date

Herman J. Ledbetter
Name

Operator
Title

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