

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

CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR

Box 460, HOBBS, N.M. 88240

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

AT PROPOSED

1980' FSL & 660' FEL OF SEC. 27

At proposed prod. zone

SAME

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

3548' GR

16. NO. OF ACRES IN LEASE

1920

19. PROPOSED DEPTH

7090'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START*

9-1-76

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.30#	1600'	675 SX. Circ
8 3/4"	7"	23# & 26#	7090'	1125 SX.

IT IS PROPOSED to Drill a Straight Hole to
a TD of 7090' and complete as a dual oil
Well in the Blinedry & Tubb zones.

Mud Program: 0-1600' Fresh Water; 1600-7090',
Salt Gel, 9.0-10.0 #.

SEE Attached For B.O.P. Program.

SEE Attached Proposed Well Plan For Formation Tops,
Logging, ETC.

Unless Drilling Operations Have
Commenced, this drilling approval
Expires 12-30-76

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

Wm. A. Butterfield

TITLE

ADMIN. SUPERV.

DATE

8-23-76

(This space for Federal or State office use)

PERMIT NO.

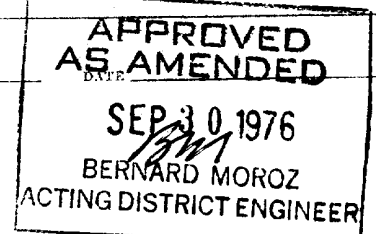
APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

*See Instructions On Reverse Side



USGS (6), NMFL Partners (4), File

NEW 100 OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-104
Effective 10-65

All distances must be from the corner boundaries of the Section

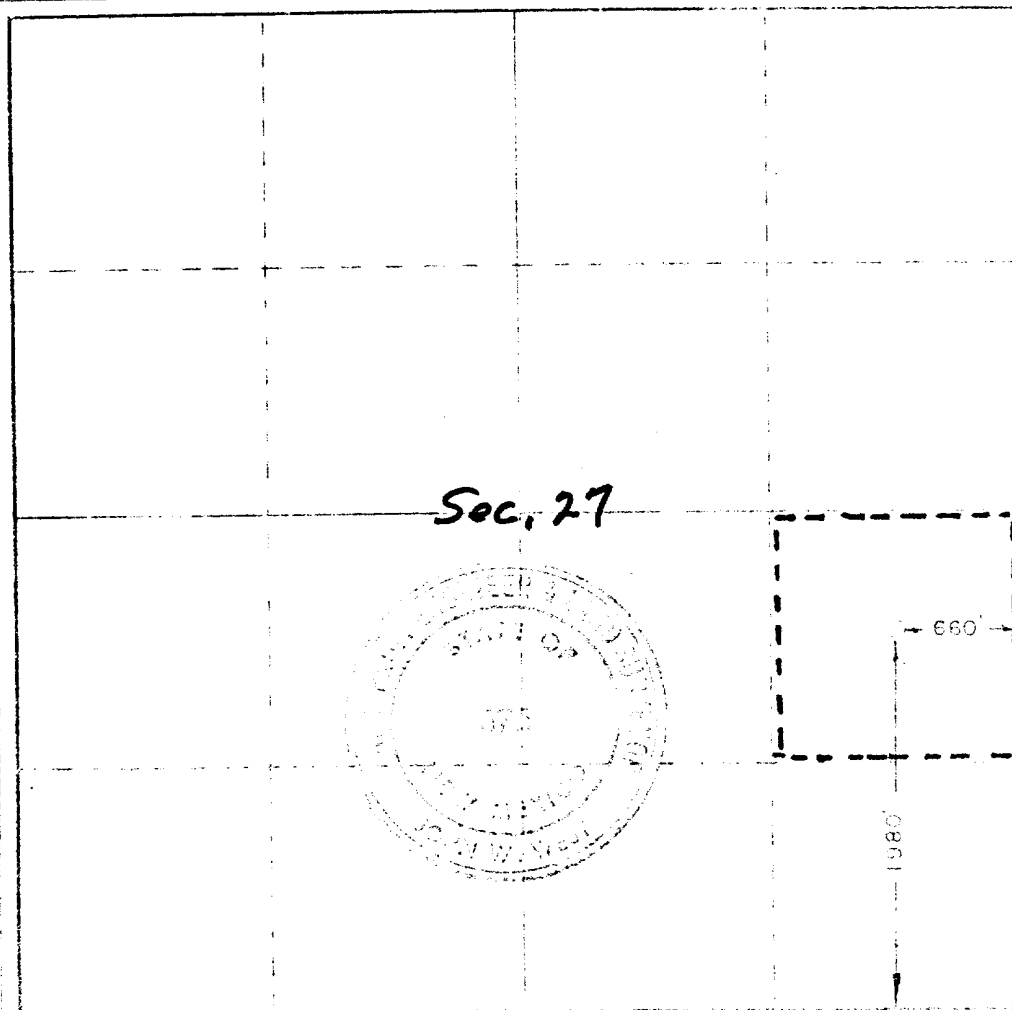
OWNER CONTINENTAL OIL COMPANY			LEASE Warren Unit			ACREAGE 42		
Section	Range	Township	Section	Range	Township	Section	Range	Township
I	27	20 South	38 East	Lea				
Approximate Location of Well								
1980 feet from the south line and			660 feet from the east line					
Ground Level Elev.	Producing Formation				Foot	Estimated Age (years)		
3548.4	BLINEBRY & TUBB WARREN					40		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the owner(s) 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?

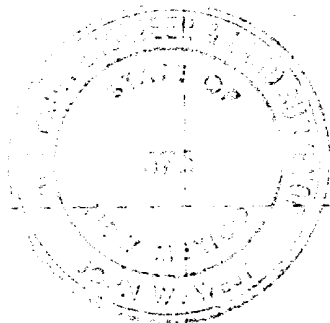
☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.



Sec. 27



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Wm. A. Dutton
ADMIN. SUPV.

CONTINENTAL OIL CO.
8-23-76

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.

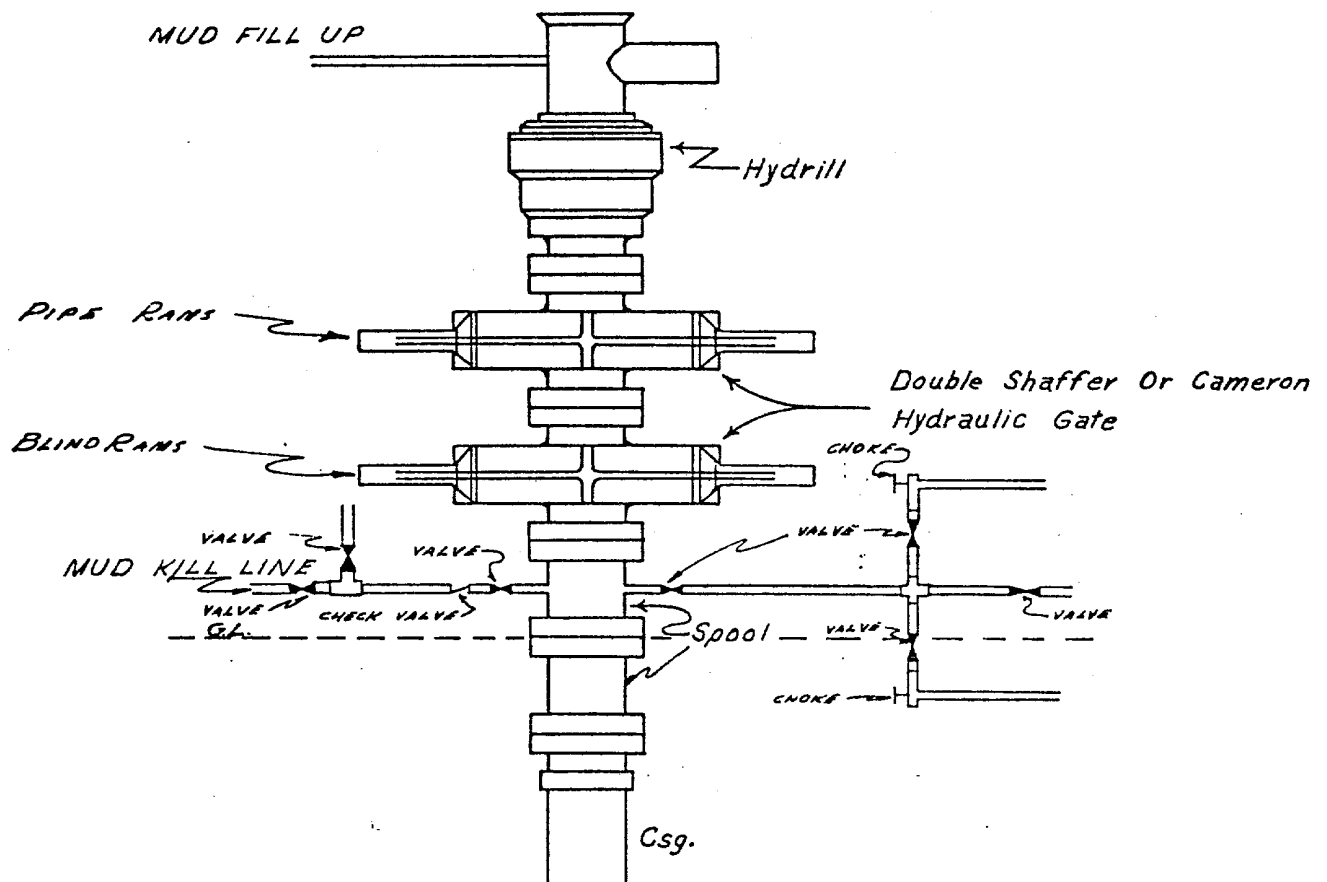
Witness my hand
July 19, 1976
Registration Professional Engineer
and Licensed Surveyor

John W. West
676

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000

CONTINENTAL OIL COMPANY
Blow-out Preventer Specifications

WARREN UNIT NO. 42



API Series 900

NOTE:

Manual and Hydraulic controls with closing unit no less than 75' from well head.
Remote controls on rig floor.

DUE TO SUBSTRUCTURE CLEARANCE,
HYDRILL MAY OR MAY NOT BE USED.

WELL NAME: Warren Unit No. 42

COUNTY: Lea County, N.M.

LOCATION: 1980' FS & 660' FEL
Sec. 27-20S-38E

STATE: Est grd. 3550
Est DF 3561

DEPTH	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING		FRACTURE GRADIENT	FORMATION PRESSURE GRADIENT	MUD	
					SIZE	DEPTH			WEIGHT	TYPE
	Rustler 1530 Salado 1650	none anticipated		12-1/4	9-5/8	1600			8.5 9.0	Fresh Water
	Yates 2630									
	San Andres 4225									
	Glorieta 5530									
	Blinbry 6000		GR-CNL-FDC DLL TD-2500				14.9	Less than 8.5		
	Tubb 6470 Drinkard 6750 TD 7090 (Includes 45' shoe jt.)			8-3/4	7	7090	15.1	Less than 8.5	9.0 10.0	Salt Gel

Date _____

Prepared by _____

SURFACE USE PLAN

Continental Oil Company, Warren Unit No. 42
1980' FSL and 660' FEL of Sec. 27, T-20S, R-38E
Lease LC031695 (b), Lea County, N.M.

This plan is to accompany "Application for Permit to Drill" the subject well which is located approximately 10 miles on a direct line south of Hobbs, New Mexico. The following is a discussion of pertinent information concerning possible effect which the proposed drilling of the well may have on the environment of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and sub-contractors will be aware of all items of this plan.

1. Existing Roads - Exhibit "A" is a portion of a New Mexico road map showing existing black top roads. Directions to the location (outlined in red on map) from Hobbs, New Mexico are as follows: from the Standolind Road on the south edge of Hobbs travel south 9.6 miles on Highway 18; turn west at the Continental Bicentennial cattleguard on existing caliche road and travel 660' and the location is adjacent to the road.
2. Planned Roads - None - proposed location is adjacent to existing road.
3. Locations of Existing Wells - See Exhibit "C".
4. Tank Battery and Flowlines - The existing battery and lines are shown on exhibit "C".
5. Water Supply - Supply water will be hauled from Eunice, New Mexico.
6. Source of Construction Materials - Existing caliche pit located SE-SE section 15, T-20S, R-38E, and caliche to be hauled 1 3/4 miles south; west 660' to location.
7. Waste Disposal - Well cuttings will be disposed in reserve pit. Barrel trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum cover of 24" of dirt. See Exhibit "D" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal applications will be submitted to the survey for appropriate approval.
8. Ancillary Facilities - None.
9. Proposed Well Mat and Immediate Area - Refer to Exhibit "D" for direction orientation.
 - a. Size of Drilling Pad - 180' x 235' (Sketch)

- b. Surfaced - Will be topped with 6" of caliche, bladed, watered and compacted. Caliche to be purchased from [REDACTED] by dirt contractor, *Earl Kornegay*
 - c. Reserve Pit - 100' x 100' ^{5x6' x 6'} lined with plastic and joining mat on north side.
 - d. Cut and Fill - None.
 - e. Drill Site Layout - Exhibit "D" shows position of mat, reserve pits, burn pits, trash pits, and mud pits in relation to the well bore. Rig will be erected with the V-Door to the east.
10. Restoration of Surface - Pits will be backfilled and leveled as soon as practical to original condition. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 45 days from commencement.
11. Other Information -
- a. Terrain - Low rolling sand hills. See Exhibit "B", topographic map of area.
 - b. Soil - Sandy
 - c. Vegetation - Oak sparse; shinners
 - d. Surface Use - Grazing
 - e. Ponds and Steams - None within one mile.
 - f. Water Wells - None within one mile.
 - g. Residences and Buildings - None within one mile.
 - h. Arroyos, Canyons, Etc. - There are no significant surface features, see attached Exhibit "B".
 - i. Well Sign - Sign identifying and locating well will be maintained at drill site with the spudding of the well.
 - j. Open Pits - All pits containing mud or other liquids will be fenced.
 - k. Archaeological Resources - None observed.
12. Operator's Representative - Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Production & Drilling
W. D. Cates or D. A. Sowers
1001 North Turner
Hobbs, New Mexico 88240
Phone: 393 - 4141

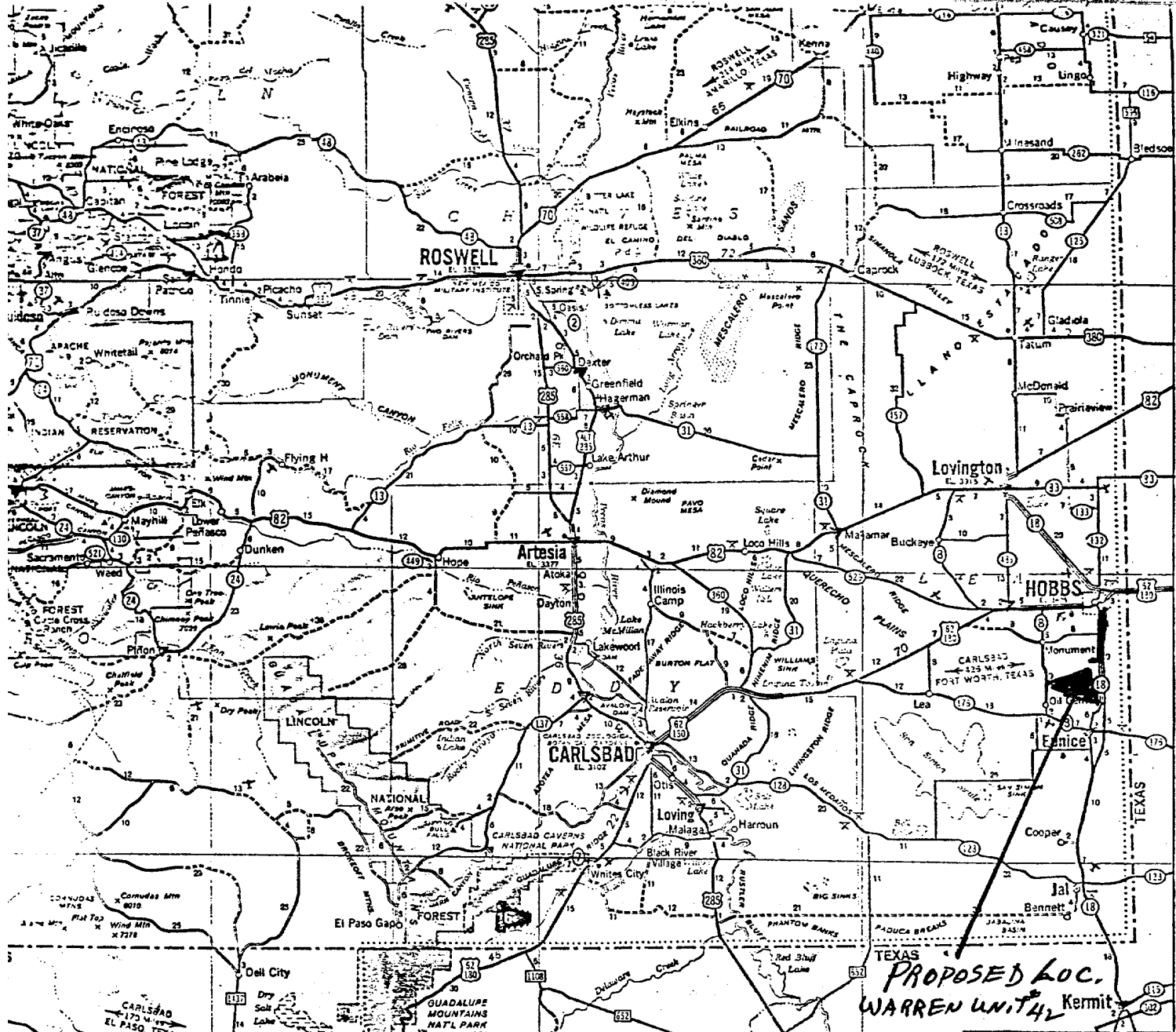
13. Certification - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that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

Date

8-23-76

D. A. Sowers
D. A. Sowers

Production Superintendent



CONTINENTAL OIL CO.
WARREN UNIT NO. 42
EXHIBIT A

Well No.	Location	Depth (ft.)	Production (bbls/day)
1
2
3
4
5
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10
11
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14
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LOCATIONS WHERE CONOCO PRODUCTS ARE SOLD

Locations on Interstate Highways, toll roads or major limited access highways where CONOCO PRODUCTS are sold.

Locations of CONOCO Travel Shoppes.

Locations where CONOCO DEALERS provide Trailer Travelers with Sanitary Disposal Facilities. Look for this sign:

conoco

TRAILER DISPOSAL

TOURIST ATTRACTIONS

HISTORICAL

SCENIC

GENERAL

Attraction points described on reverse side

NEW MEXICO

SCALE OF MILES

0 5 10 20 30 40

ONE INCH EQUALS APPROXIMATELY 21.6 MILES

HIGHWAY MARKERS

INTERSTATE (I) UNITED STATES (US) STATE (S) TEXAS FARM OR RANCH (FR)

ROAD CLASSIFICATIONS

CONTROLLED ACCESS DIVIDED HIGHWAYS

OTHER DIVIDED HIGHWAYS

PRINCIPAL THROUGH HIGHWAYS

OTHER THROUGH HIGHWAYS

MILEAGES

MILEAGE BETWEEN TOWNS AND JUNCTIONS 3 1/4

MILEAGE BETWEEN DOTS 3 5/8

LONG DISTANCE MILEAGES SHOWN IN RED

SPECIAL FEATURES

STATE PARKS

RECREATION AREAS

PORTS OF ENTRY

POINTS OF INTEREST

POPULATION SYMBOLS

State Capital

Under 1,000

1,000 to 2,500

2,500 to 5,000

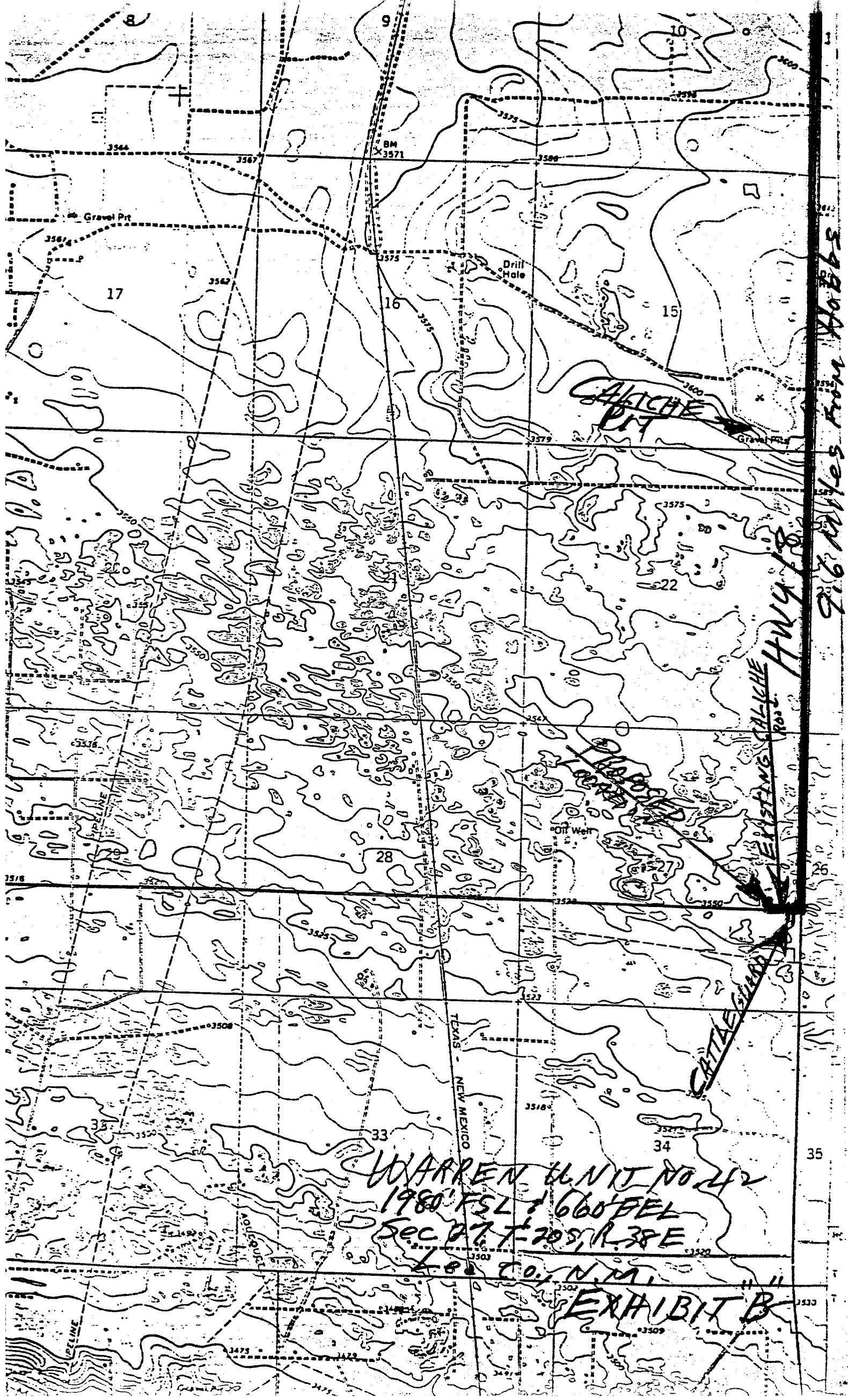
5,000 to 10,000

10,000 to 25,000

25,000 to 50,000

50,000 to 100,000

100,000 and over



9.6 miles from Hobbs

Hwy 18

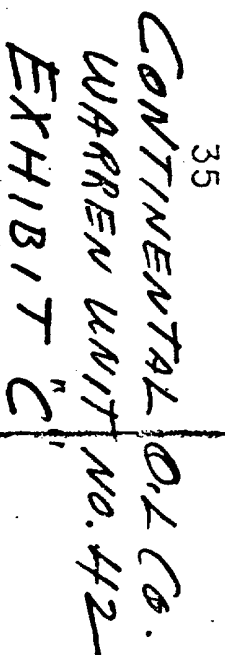
EXISTING CALICHE ROO.

CATTLE GUARD

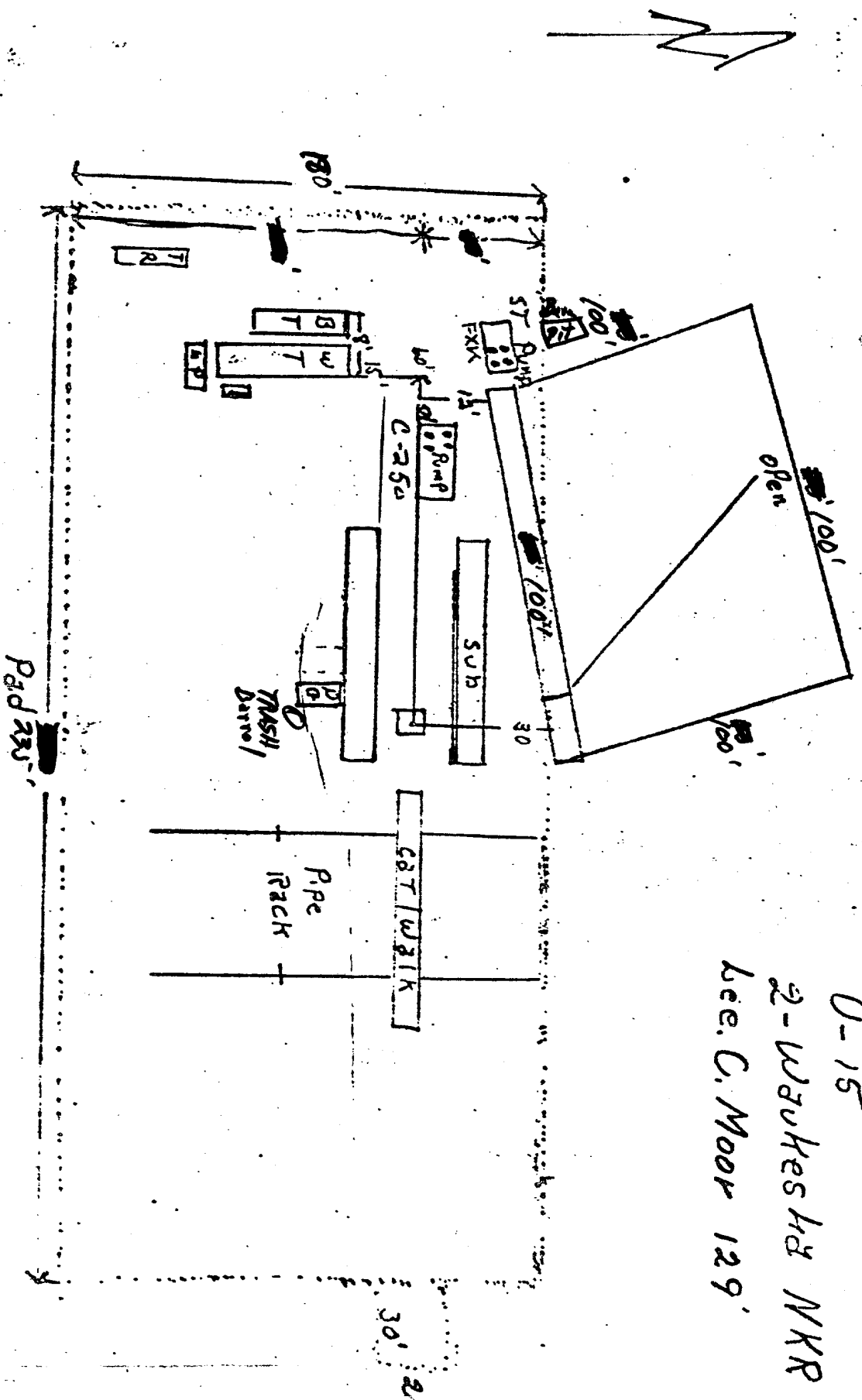
WARREN UNIT NO. 42
1980 FSL & 660' FEL
Sec. 27, T. 20S, R. 38E
Le. Co., N.M.

EXHIBIT B

WARREN UNIT AREA
LEA COUNTY, NEW MEXICO

$$\begin{array}{r} 20 \\ 20 \\ \hline 40 \end{array}$$


Hondo Rig #1
 U-15
 2-Watches 48 NKR
 Lee C. Moor 129'



CONTINENTAL OIL CO.
 WARREN UNIT NO. 42
 EXHIBIT "D"

September 25, 1975

District Engineer
U. S. Geological Survey

Gentlemen:

RE: WARREN UNIT NO. 42

This refers to the Form 9-331C, Application to Drill, Deepen or Plugback accompanying this letter. The undersigned hereby states that he has personally contacted EARL KORNEGAY, the owner of the surface land where the proposed work is to be conducted and advised him of the proposed work, the construction site and pertinent roads included in the project. It is further stated that, upon being fully advised of the extent of the work and the effect upon the surface, said owner has consented to the said work and that agreement as to the compensation for damages to the surface estate has been reached.

It has been agreed, subject to change at that time, that upon abandonment of operations the roads* shall be (ripped or left intact) and the pad shall be (~~ripped~~ or left intact). * NO NEW ROADS built.

David R. Lawler

STATE OF NEW MEXICO
COUNTY OF LEA

Subscribed and sworn to before me this 23rd day of August, 19 76

Ed M. Placencia
Notary Public

My commission expires 2-20-77

RECEIVED

1976
CH. C. BENTON COMM.
1976, H. M.

113