

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. Mexico

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

At surface

1345' FNL and 1345' FEL of Sec 21

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.

JUN 14 1973

16. NO. OF ACRES IN LEASE

7853

19. PROPOSED DEPTH

4175'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

rotary

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

4020' ON MEXICO grid.

22. APPROX. DATE WORK WILL START*

6-20-73

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8", H-40	20 #	850'	425 SKS - Circ
7 7/8"	5 1/2", K-55	14 #	4175'	375 SKS

It is proposed to drill a straight hole to a TD of 4175' and complete as a Grayburg San Andres oilwell. Mud program - 0-850' (8.5-9.5 spud mud and 850'-4175' (9.5-10.5 salt gel). Sufficient blowout preventer protection will be installed prior to work.

V-door of drilling rig will face to the east. The drilling pod will be 180' x 130' and the pits 200' x 200'.

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 [Signature] TITLE Sr. Analyst DATE 6-11-73

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED

JUN 19 1973
ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-172
Supersedes O-172
Effective 1-1-65

All distances must be from the outer boundaries of the Section

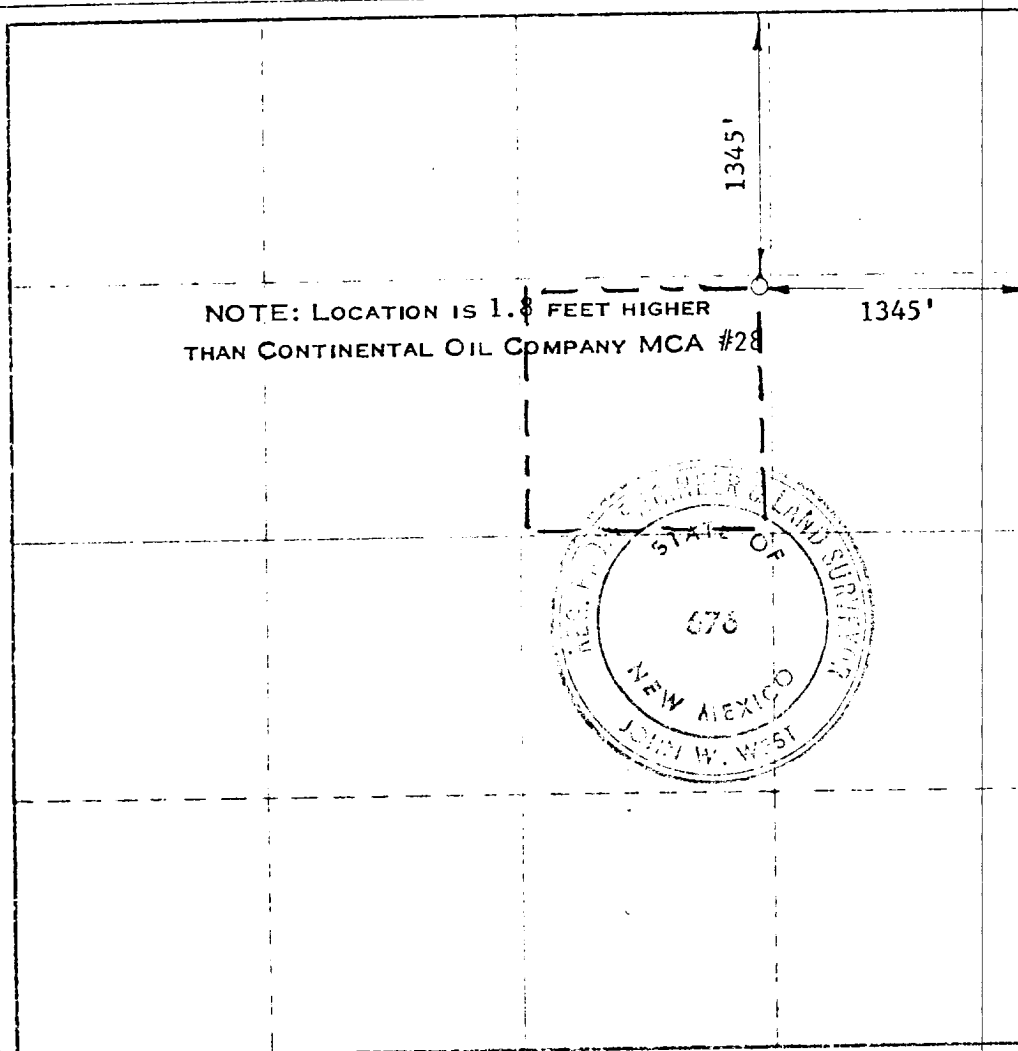
Lessor CONTINENTAL OIL COMPANY			Lessee M C A		Well No. 340
Unit Letter G	Section 21	Township 17 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 1345 feet from the NORTH line and 1345 feet from the EAST line					
Ground Level Elev.	Producing Formation <i>Grayburg San Andres</i>			Post <i>Maly' G-SA Repruss</i>	Dedicated Acreage <i>40</i>

- 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 W. West
Sr. Analyst
Continental Oil Co.
June 11, 1973

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 Received

JUNE 8, 1973

Registered Professional Engineer
and Land Surveyor

John W. West
Certificate No. 676

ENVIRONMENT CONSIDERATION STATEMENT

Application to Drill on Federal Leases

The attached plat shows the existing roads and, by red coloring, the proposed roads to service the proposed well. The plat also shows the location of tank battery and flowline. There are no camps or airstrips contemplated to serve this lease.

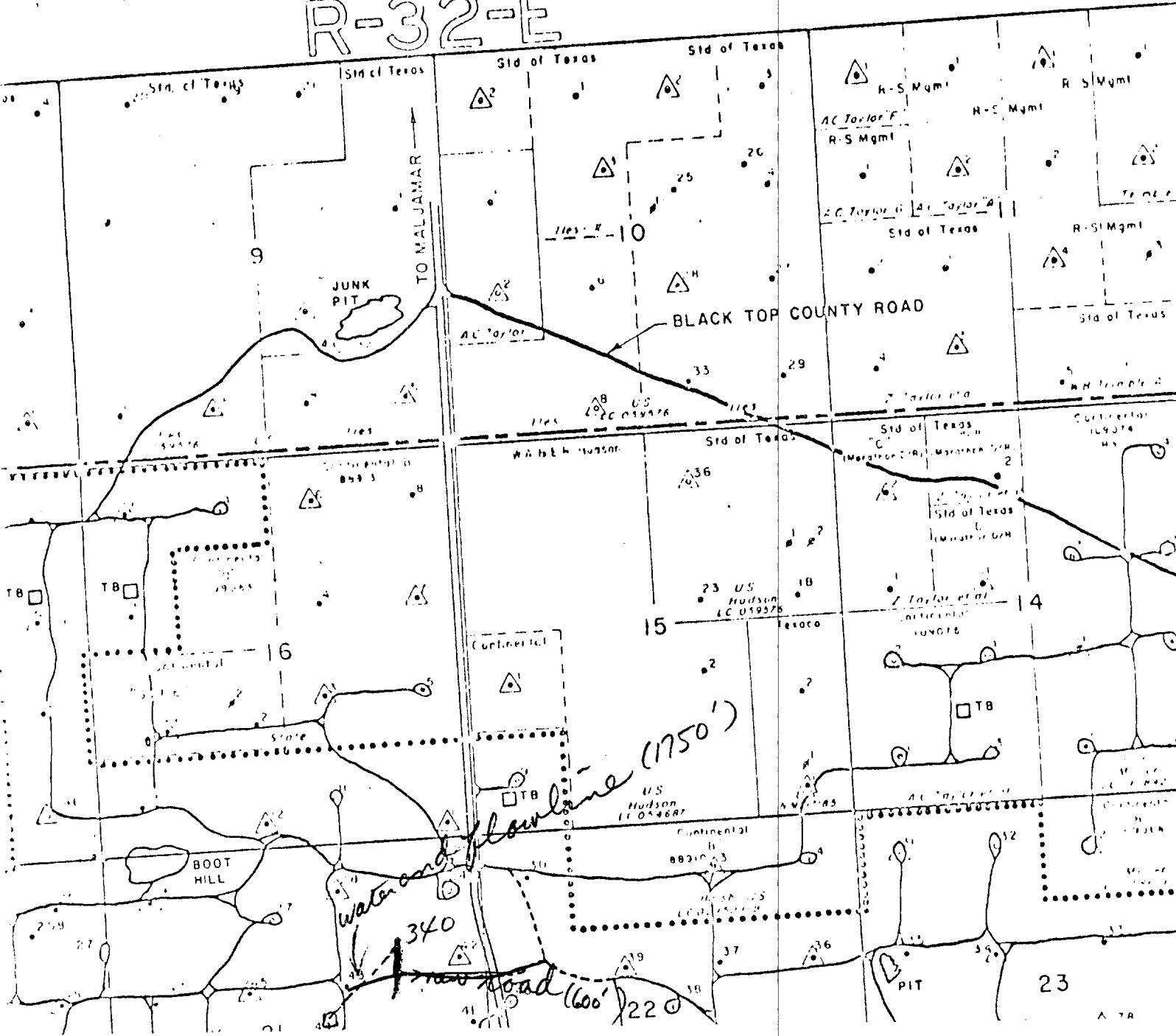
Litter, such as paper, scrap iron, etc., will be picked up and hauled away. Salt water and other undesirable liquids will be picked up for disposal in approved disposal wells. Mud, drill cuttings, and other inert material will be disposed of by burying in the reserve pit when it is abandoned and the surface restored to level condition.

The second plat shows the proposed layout of the drilling rig in relation to the pad and shows the location of mud tanks, reserve pits, pipe racks, etc.

() Water will be hauled to the location.

(X) A flowline will be laid to furnish water during drilling operations and then will be used to handle the wells' production following completion.

R-32-E



CACTUS DRILLING CO.

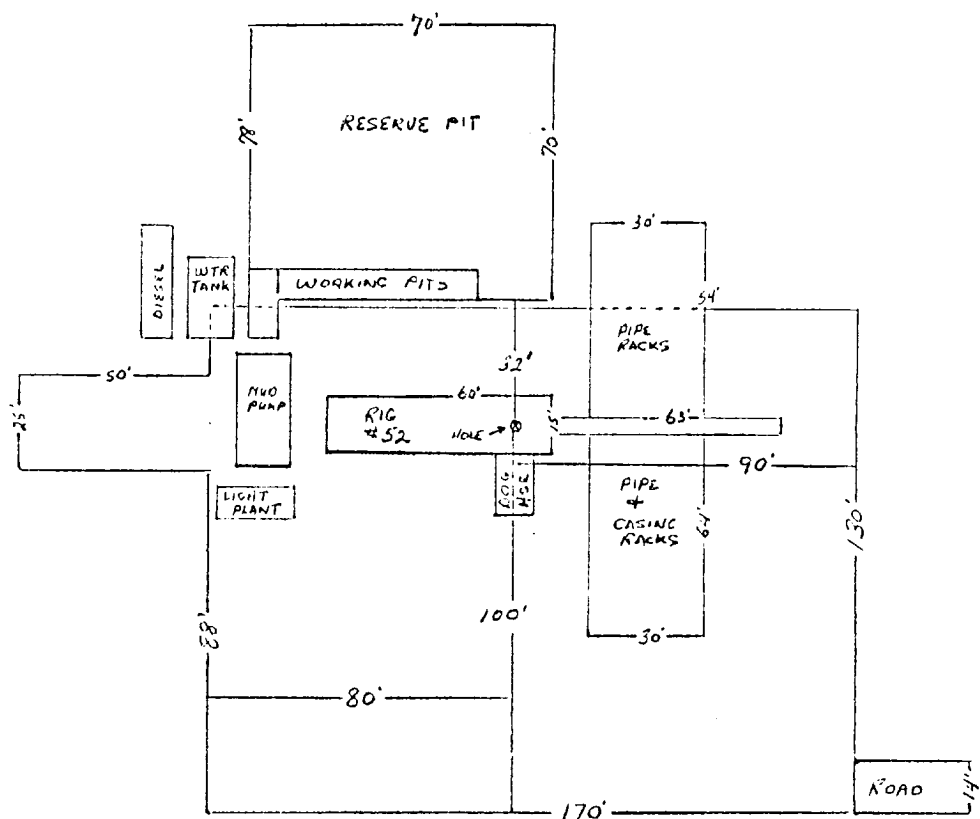
RIG # 52

CONTINENTAL OIL CO.

MCA UNIT

MALJAMAR WATER FLOOD

LEA CO., NEW MEXICO



LOCATION:

130' - N to S

170' - E to W

HOLE: 30' FNL

80' FNL

100' FSL

90' FEL

25' X 50' STINGER ON WEST SIDE
OF LOCATION FOR TRAILER MTD RIG.

3/16 INCH = 10 FOOT