

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
100' FSL and 150' FEL of Sec 22

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.)

16. NO. OF ACRES IN LEASE
7853

17. NO. OF ACRES ASSIGNED
TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
4150'

20. ROTARY OR CABLE TOOLS
rotary

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

22. APPROX. DATE WORK WILL START*

7. LEASE DESIGNATION AND SERIAL NO.
LC 058395
LC 02950966

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

9. UNIT AGREEMENT NAME
MCA

10. FARM OR LEASE NAME
MCA Unit

11. WELL NO.
341

12. FIELD AND POOL OR WILDCAT
Malg G-SA Reprss

13. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec 22, T-17S R-32E

14. COUNTY OR PARISH
Dea

15. STATE
N. Mexico

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" H40	20#	900'	450 sacks - Circ
7 7/8"	5 1/2" K55	14#	4150'	350 sacks

It is proposed to drill a straight hole to a TD of 4150' and complete as a Grayburg 50m andres oil well. Mud program (0-900' 8.5-9.5 Spud mud and 900'-4150' (9.5-10.5 Salt gel). Sufficient blowout preventer will be installed prior to commencement of drilling operations.

V-door of drilling rig will face to the east. The drilling pad 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

APPROVED

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

JUN 10 1973
ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-73
Supersedes G-12a
Effective 1-73

All distances must be from the outer boundaries of the Section.

OWNER CONTINENTAL OIL COMPANY		LEASE M C A		ACREAGE 341
TRACT NUMBER P	SECTION 22	TOWNSHIP 17 SOUTH	RANGE 32 EAST	COUNTY LEA
Actual Section Size in Acres 100 SOUTH 150 EAST				
Ground Level Elev. <i>Graybar 9 San Andres Maly' G-SA Repress 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 owners is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced-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.

NOTE: LOCATION IS 0.8' LOWER THAN
CONTINENTAL OIL COMPANY MCA #122

100' 150'

CERTIFICATION

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

Thy Dwyer
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 Surveyed

JUNE 8, 1973

Registered Professional Surveyor
No. 12345

John W. West

ENVIRONMENTAL 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.

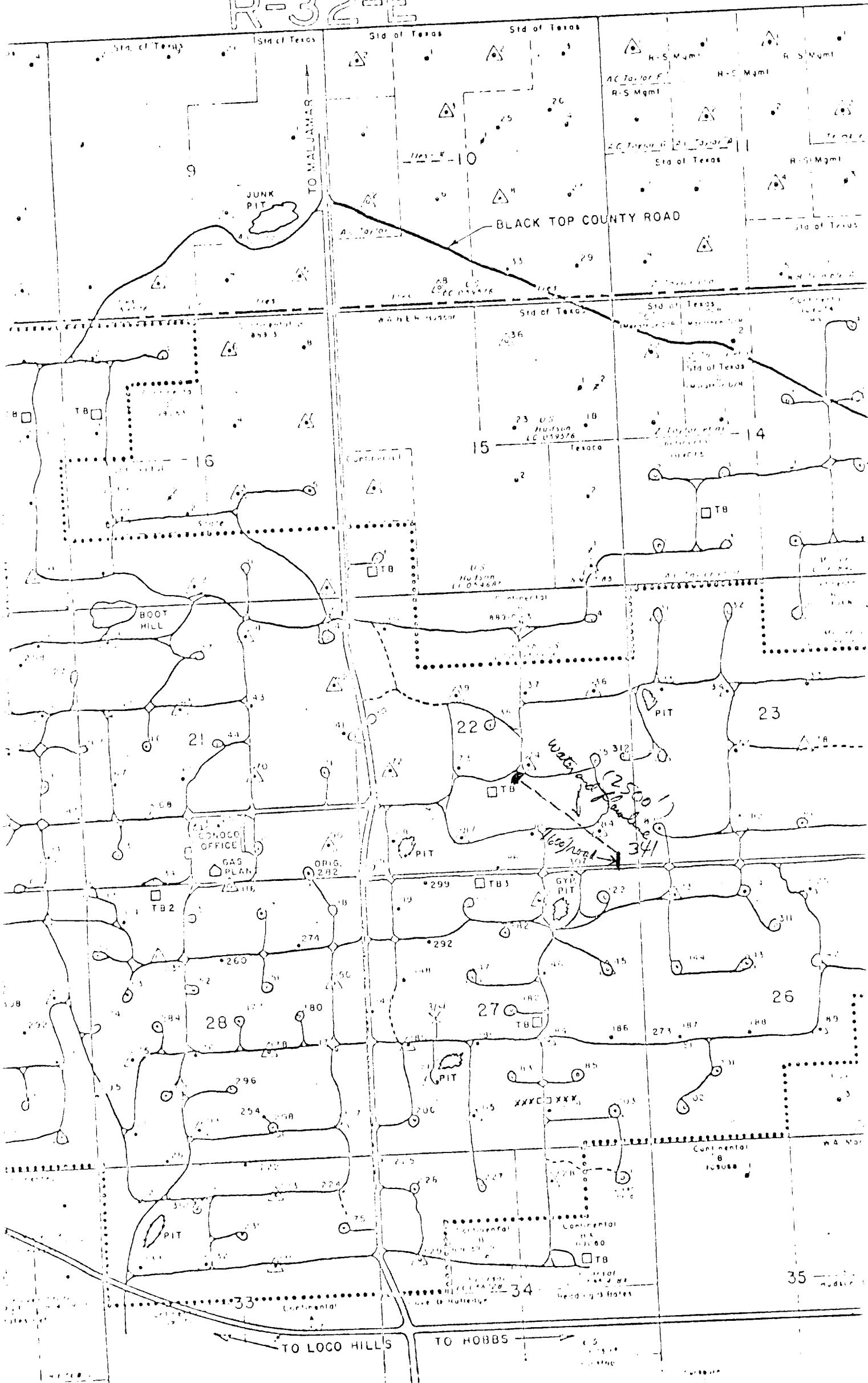
Litter, such as paper, scrap iron, etc., will be picked up and hauled away. Salt water and other undesirable liquids will be picked up for disposal in approved disposal wells. Mud, drill cuttings, and other inert material will be disposed of by burying in the reserve pit when it is abandoned and the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

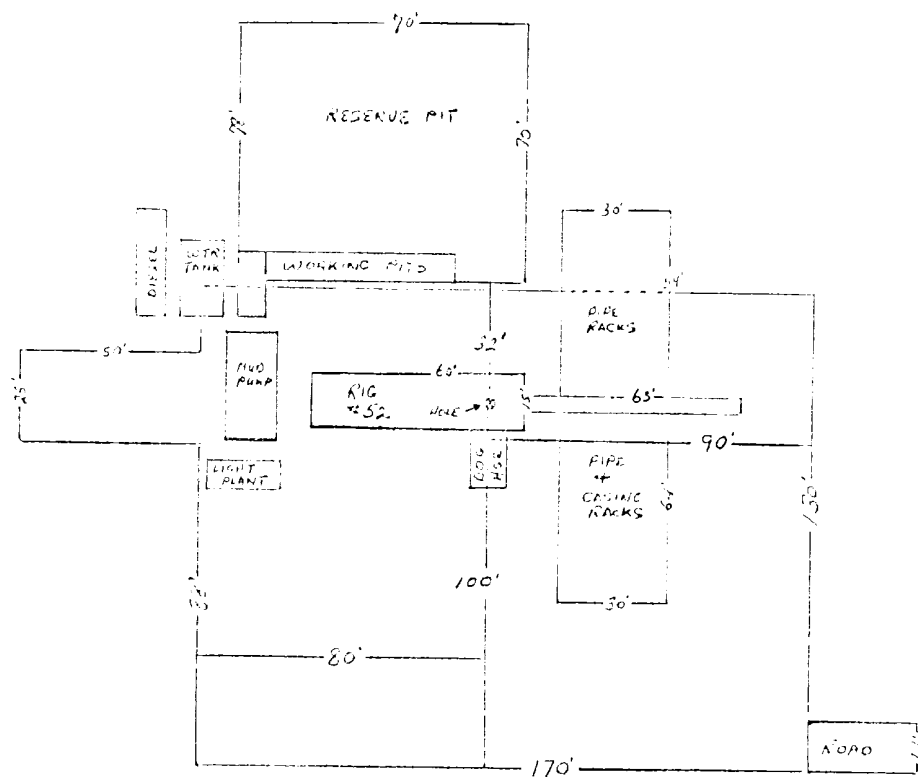
(X) A flowline will be laid _____ to the well and will be used to furnish water during drilling operations and then will be used to handle the wells' production following completion.

R-32-E



CACTUS DRILLING CO
RIG # 52

CONTINENTAL OIL CO.
MCA UNIT
MALJAHAR WATER FLOOD
LEA CO., NEW MEXICO



LOCATION:

130' - N to S
170' - E to W

HOLE: 30' FNL
25' FNL
100' FSL
90' FEL

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

$\frac{3}{16}$ INCH = 10 feet