

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LC 029400 (a)  
5. LEASE DESIGNATION AND SERIAL NO.  
~~LC-058698(a)~~  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 Co.

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' FSL and 125' FWL of Sec 23  
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 drig. 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  
4200'

20. ROTARY OR CABLE TOOLS  
Rotary

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

22. APPROX. DATE WORK WILL START\*  
2-18-73

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 7/8"	8 5/8" H-40	20 #	900'	Circ - 400 sacks
7 7/8"	5 1/2" J-55	14 #	4200'	425 sacks

It is proposed to drill a straight hole to a TD of 4200' and complete as a Grayling Son and res producer. Sufficient blowout preventer protection will be installed prior to work. Mud program - 0-900' (8.5-9.5 Spud mud) and 900'-4200' (9.0-10.5 Salt gel).

The v-dock of drilling rig will face to the east. There will be 1320' of new road built. Water line (750') and flowline (1500') will be laid as shown in attached plat. Drilling pad will be 180' x 130' and the pits 200' x 200'.

24. 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.

SIGNED M. E. Mackley TITLE Admin Supervisor DATE 1-26-73

(This space for Federal or State office use)  
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

USGS 15 MCA-2 E.O.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 10-17  
Supersedes 10-126  
Effective 10-1-65

All distances must be from the outer boundaries of the Section

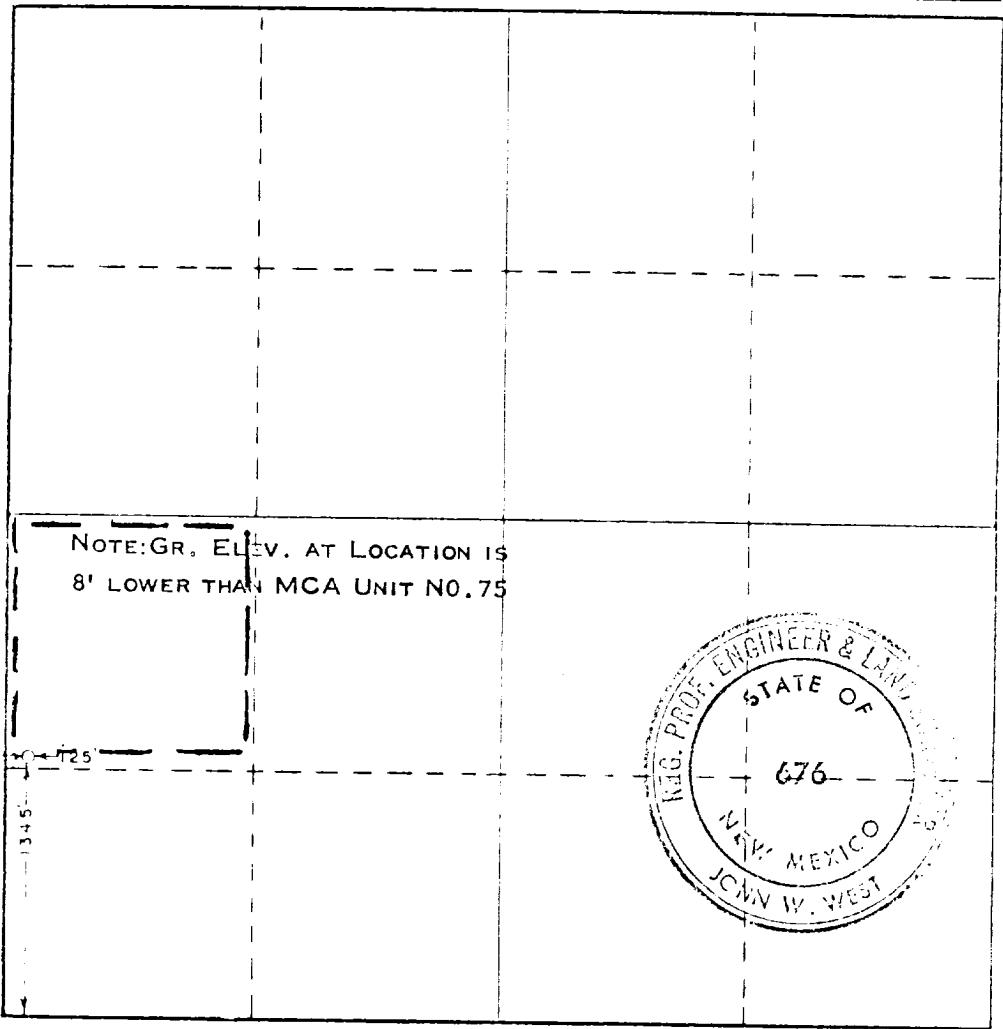
Operator <b>CONTINENTAL OIL COMPANY</b>			Lease <b>MCA UNIT</b>			Well No. <b>336</b>
Tract Letter <b>L</b>	Section <b>23</b>	Township <b>17 SOUTH</b>	Range <b>32 EAST</b>	County <b>LEA</b>		
Actual Footage Location of Well: <b>1345</b> feet from the <b>SOUTH</b> line and <b>125</b> feet from the <b>WEST</b> line						
Ground Level Elev.	Producing Formation <i>Hayden Sandstone</i>		Depth <i>125</i>	Well Name <i>MCA G-5A Repress</i>		Estimated Acreage <b>40</b>

- 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 \_\_\_\_\_



CERTIFY

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

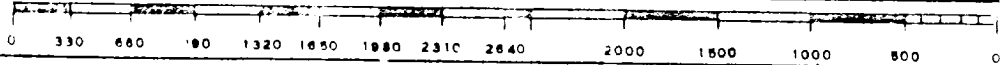
*M. E. Spalding*  
Admin. Supervisor  
Continental Oil Co.  
Jan 26, 1973

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 Plotted  
**DECEMBER 31, 1972**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. **676**



## ENVIRONMENT CONSIDERATION STATEMENT

### Application to Drilling 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 flowlines. 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.

# R-32-E

