

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC-058098 (a)		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Continental Oil Company			7. UNIT AGREEMENT NAME MCA		
3. ADDRESS OF OPERATOR Box 460 Hobbs, New Mexico			8. FARM OR LEASE NAME MCA Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 75' FSL & 1295' FWL of Sec. 23 At proposed prod. zone SAME			9. WELL NO. 349		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Mali. G-SA Repress.		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T-17S, R-32E		
16. NO. OF ACRES IN LEASE 7853			12. COUNTY OR PARISH Lea		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE N. M.		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.)			22. APPROX. DATE WORK WILL START* 10-1-73		

## 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"	20#	950'	Circ - 500 sacks
7 7/8"	5 1/2"	14#	4250'	325 sacks

It is proposed to drill a straight hole to a TD of 4250' and complete as a Grayburg San Andres oil well. Mud Program: 8.5#-9.0# spud mud from 0'-950'; 9.0#-10.0# salt Gel from 950'-4250'.

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 9-20-73  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

SEP 29 1973

ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

11565 (1.) MCA-3 File

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION AT

Form 10-122  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

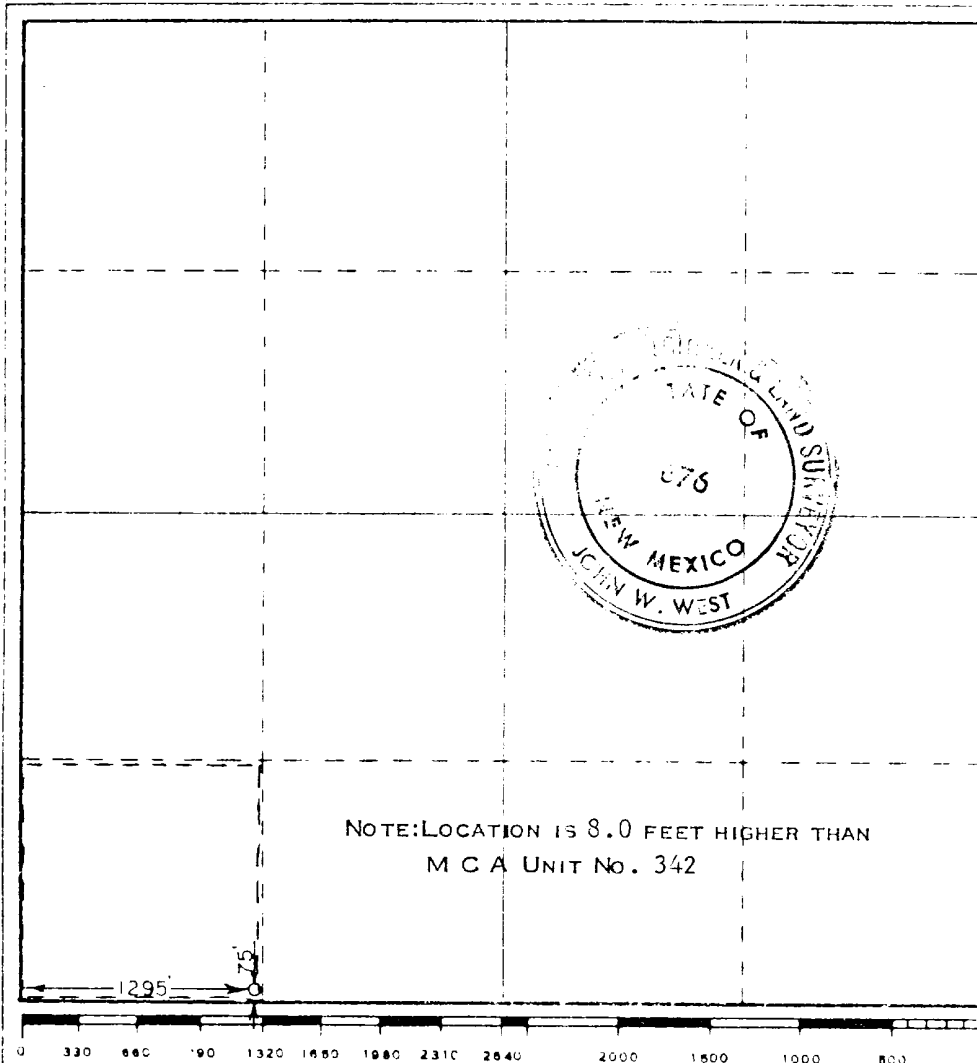
Operator <b>CONTINENTAL OIL COMPANY</b>			Lease <b>M C A UNIT</b>			Well No. <b>349</b>		
First Letter <b>M</b>	Section <b>23 26</b>	Township <b>17 SOUTH</b>	Range <b>32 EAST</b>	County <b>LEA</b>				
Actual Footage Location of Well: 75 feet from the <b>SOUTH</b> line and 1295 feet from the <b>WEST</b> line								
Ground Level Elev.	Producing Formation <b>Grayburg San Andres</b>		Foot <b>Mali G-SA Reprss</b>			Estimated Acreage <b>40</b>		

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

*John W. West*  
Sr. Analyst  
Continental Oil Co.  
9-20-73

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

AUGUST 22, 1973

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. 676

Development Plan For Surface Use

*MCA Unit # 349*

1. Existing roads including location of the exit from the main highway

See Attached Map

2. Planned access roads

See Below and Attached Map

a. Length and width of new road - *285' x 12'*

b. Roads will be compacted ~~or surfaced~~

3. Location of existing wells

See Attached Map

4. Lateral roads to well location

See Attached Map

5. Location of tank batteries and flowlines

See Attached Map

6. Location and type of water supply

( ) Water will be hauled to location

(☒) See attached map for location of proposed water lines

7. Methods for handling waste disposal

Litter, such as paper, scrap iron, etc., will be picked up and disposed of. Salt water and other undesirable liquids will be disposed of by approved methods. Drilling fluids, 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.

8. and 9. Location of camps and airstrips

There are no camps or airstrips contemplated to serve this lease.

10. Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.

See Below and Attached plat

a. Size of drilling pad - *SEE ATTACHED PLAT - 180' x 130'*

b. Drilling pad ~~—~~ compacted ~~or surfaced~~

11. Plans for restoration of the surface

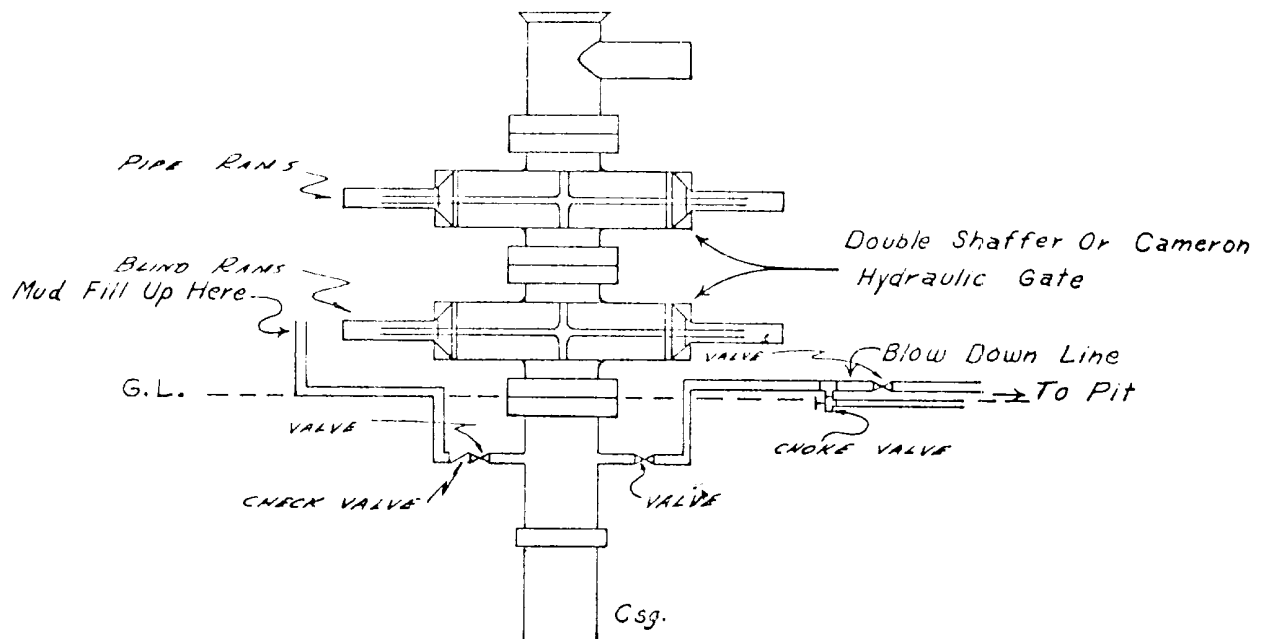
Surface will be levelled and properly conditioned.

12. Other information that may be used in evaluating the impact on environment

The terrain in this area is generally flat with very little vegetation. No streams or other major water sheds are located in this area.

CONTINENTAL OIL COMPANY  
Blow-out Preventer Specifications

MCP Unit #349



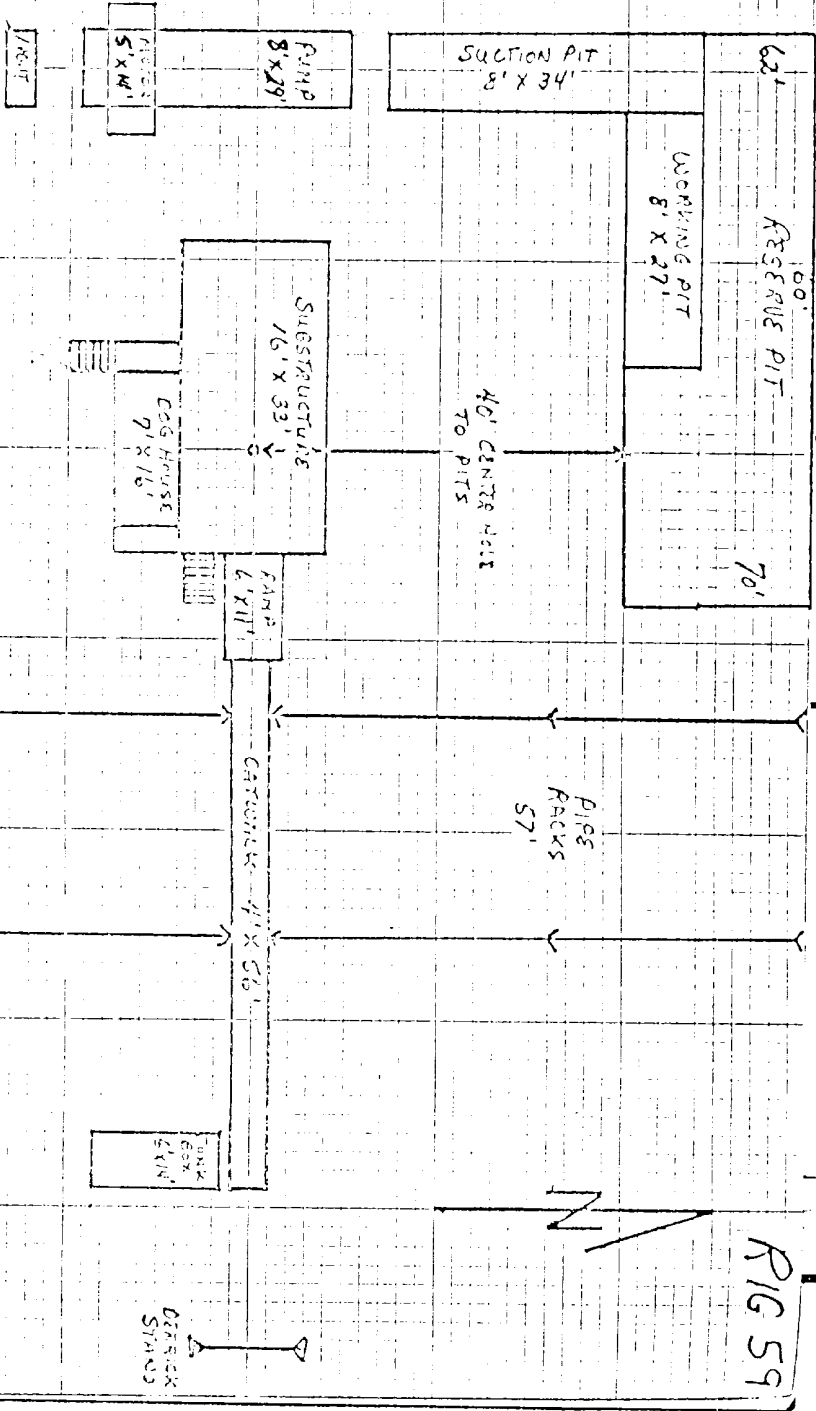
NOTE:

Manual and hydraulic controls with closing unit no less than 75' from well head.

MCA Unit  
#349

MISC HOUSE  
5' x 15'

EAST TO WEST 167'  
NORTH TO SOUTH 168' (INCL RESERVE PITS)



MCA Unit #349

