

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

P. O. Box 400 Hobbs, New Mexico

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

At surface

710' FSL and 660' FEL. Sec. 13-20-37, Lea County N.M.

At proposed prod. zone

Same

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

7 miles southeast Monument, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1980'

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

1320'

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

3950'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3555 EST

22. APPROX. DATE WORK WILL START*

November 1, 1966

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"	28#	300'	125 sk. CIRC
7 7/8"	5 1/2"	14#	3950'	285 sk.

It is proposed to drill a straight hole with rotary tools at the above location to a depth of 3950' and complete in the Skaggs Grayburg formation.

Your permission is respectfully requested.

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

Hal R. Stephens

TITLE

Staff Supervisor

DATE

10-26-66

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

USGS-(5), PAN AK., HOBBS-(2), ATL. ROS.-(2), Calif. Mid.-(3) FILE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

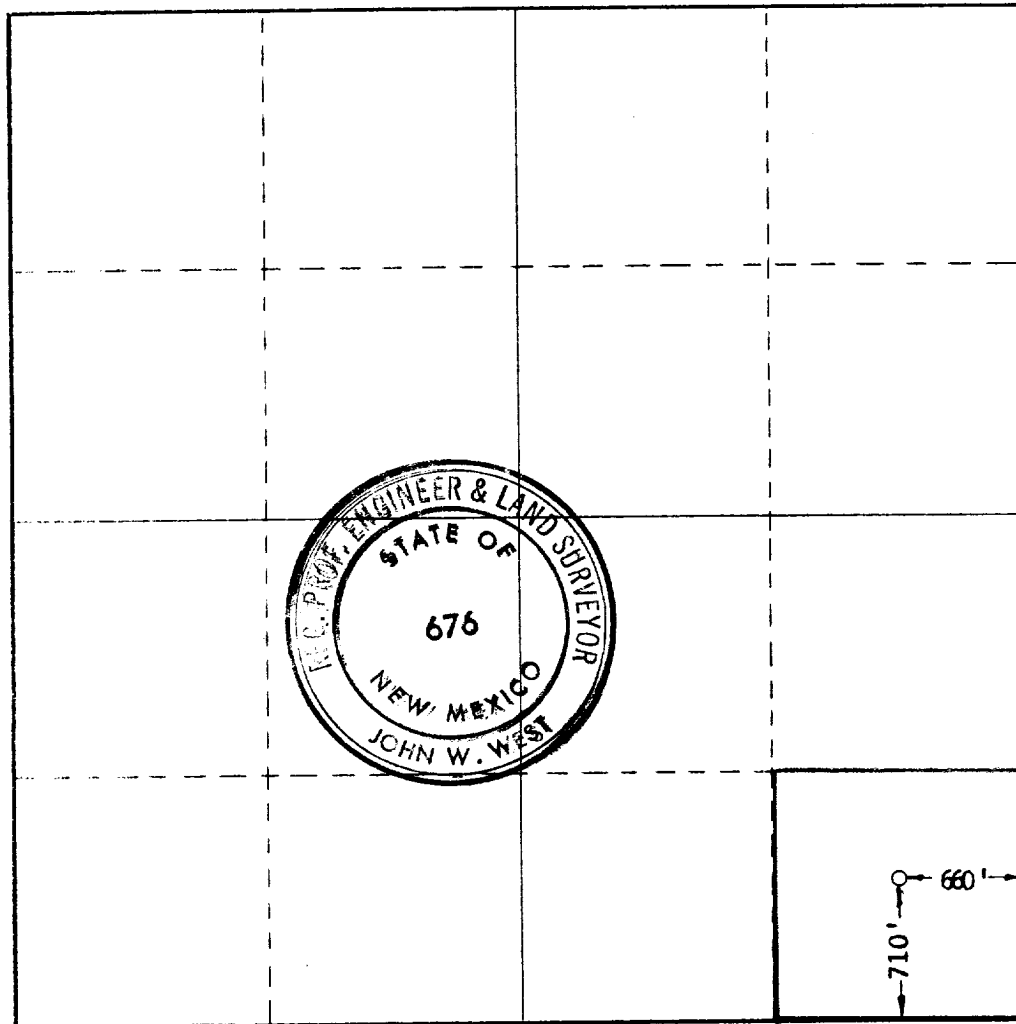
Operator CONTINENTAL OIL COMPANY			Lease SEMU PERMIAN		Well No. 89
Plot Letter P	Section 13	Township 20 SOUTH	Range 37 EAST	County LEA	
Actual Footage Location of Well:					
710		feet from the SOUTH	line and	660	feet from the EAST line
Ground Level Elev. 3555 Est.	Producing Formation Grayburg		Pool Slaggs	Dedicated Acreage: 40 Acres	

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 **MFPU**

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.

Name

Position

Staff Supervisor

Company

Continental Oil Company

Date

November 3, 1966

USGS (5) File

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

11/1/66

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

COUNTY	IFA	FIELD	Skaggs	STATE	NM
OPR	CONTINENTAL OIL COMPANY			MAP	
89 SEMU Permian					
Sec. 13, T-20-S, R-37-E				CO-ORD	
710' ESL, 660' FEL of Sec.				MN 21918	
Spd 11-17-66		CLASS			
Cmp 12-15-66		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
8 5/8"	304'	125			
5 1/2"	3950'	285			
LOGS EL GR RA IND HC A					
		TD 3950'			

IF Grayburg Perfs 3799-3902' Flwd 12 BOPD + 28 BLW. Pot. Based on 24 hr test thru open 2" tubg., TP 100#, CP 200#, Gravity 37.5, GOR 82,583.

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CONT. B&L Drlg. Co.	PROP DEPTH	3950'	TYPE
DATE			

F.R. 11-10-66
PD 3950' - Grayburg
Contr. - B&L Drlg. Co.
11-21-66 Drlg. 3045' anhy.
11-28-66 TD 3950', prep to run casing.
Cored 3719-69', rec 50' dolo & sd., w/scatt shows.
Cored 3769-3819', rec 50' dolo & sh., w/scatt poro & shows.
Cored 3819-69', rec 50' sd & dolo., w/scatt oil shows.
Cored 3869-3919', rec 50' dolo & sh., w/scatt shows.
12-5-66 TD 3950', SI.
12-12-66 TD 3950', SI.
12-16-66 TD 3950', tstg.
Perf @ 3799', 3805', 3810', 3815', 3825',
3830', 3842', 3848', 3854', 3862', 3872',
3880', 3884', 3887', 3895', 3902' W/1 SPI

12-16-66

Cont.

Acid (3799-3902') 500 gals.

Frac (3799-3902') 40,000 gals wtr +
40,000# sd.

Flwd 17 BO + 49 BLW in 17 hrs thru
32/64" chk., TP 150#, CP 300#.

12-30-66

TD 3950', prep potential.

Flwd 12 BO + 28 BLW in 24 hrs thru open
chk., TP 100#, CP 200#, GOR 82,583.

1-9-67

TD 3950', COMPLETE.

LOG TOPS: Rustler 1368', Salado 1460',
Tansill 2520', Yates 2664', Seven
Rivers 2911', Queen 3482', Penrose
3609', Grayburg Marker 3795'.