

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 460, Hobbs, New Mexico 88240

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

At surface

660'
330' FNL & 1750' FNL of Sec. 30

At proposed prod. zone

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

10. 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

184.1

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

19. PROPOSED DEPTH

4,315'

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

3,157' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 3/8" H-40	20 ^{lb}	1,000' 400	300
7 7/8"	5 1/2" J-55	14 ^{lb}	4,315'	300 Sacks

It is proposed to drill a straight hole to a TD of 4,315' and complete as a Delaware Oil Well.

Mud Program - 0' - 1,000' (8.5" - 9.0" Spud mud) and 1,000' - 4,315' (10" Salt Sol).

See attached for blowout preventer program.

ATTENTION:

All litter and extra material will be removed from the operating area. The well shall be plugged and abandoned in accordance with the minimum cover of 24 inches of soil.

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

TITLE

DATE

(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-6, File

NEW! CO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-228
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Continental Oil Company		Lease Russell 30 Federal		Well No. 2
Unit Letter D	Section 30	Township 26 South	Range 32 East	County Lea
Actual Footage Location of Well:				
330	feet from the	North	line and	660
			feet from the	West
Ground Level Elev. 3157'	Producing Formation Delaware		Pool Mesa Albarran, North	Dedicated Acreage 40

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

NOTE: Location elevation is 4.8 feet higher than Russell 19 Federal #3, Unit M, Sec. 19, T-26-S, R-32-E

CERTIFICATION

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

[Signature]
Alternate for
Division Office Manager
Continental Oil Company
Date
November 29, 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

November 23, 1973

Registered Professional Surveyor
National Land Surveyor

[Signature]
John W. West

Development Plan For Surface Use

Russell 30 Federal No. 2

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 - *12' x 900'*
- 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*
- b. Drilling pad ~~—— compacted or surfaced~~

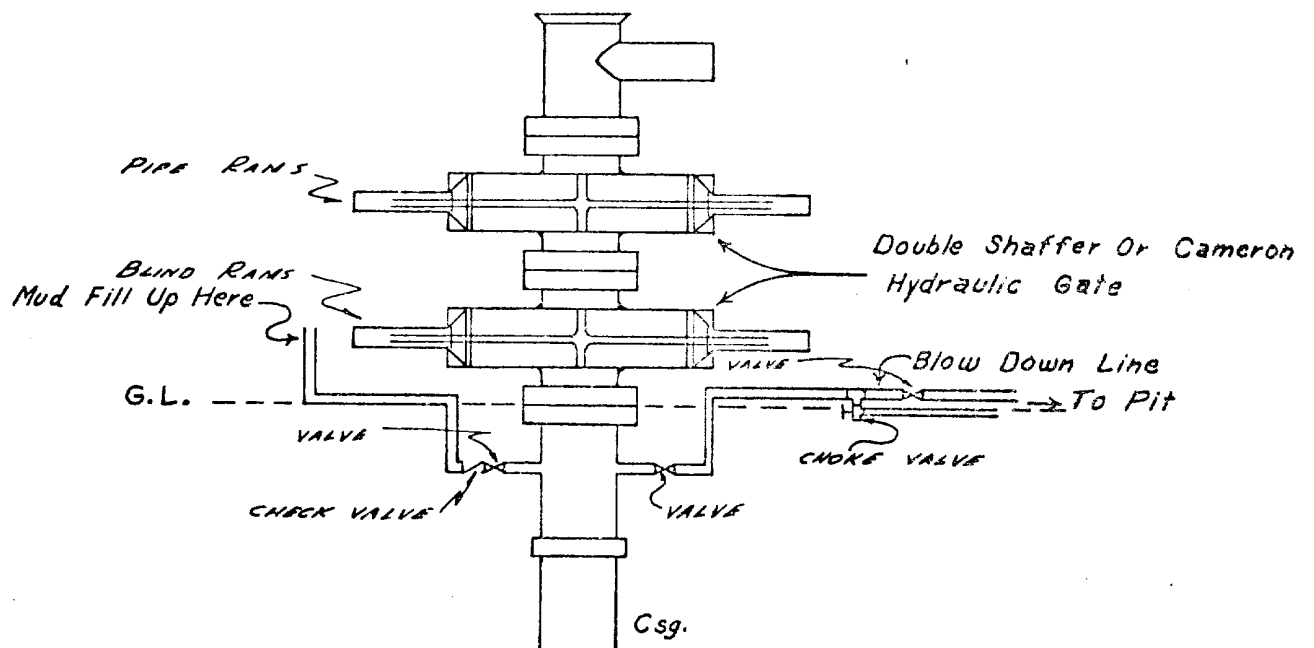
11. Plans for restoration of the surface

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



NOTE:

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

HOUSE
8' x 15'

EAST TO WEST 167'
NORTH TO SOUTH 163' (INCL RESERVE PITS)

WELL

PUMP
8' x 21'

STRUCTURE
16' x 33'

DOG HOUSE
9' x 16'

PUMP
6' x 11'

CATCHMENT 41' x 56'

TANK
6' x 11'

OFFSHORE
STAND

CESSE
TANK
8' x 30'

WATER
TANK
12' x 22'

SUCTION PIT
8' x 34'

WORKING PIT
8' x 27'

70'

160' RESERVE PIT

40' CENTER HOLE
TO PITS

PIPE
RACKS
57'

PIPE
RACKS
53'

N

RIG 59