

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21654

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

Exxon Corporation

3. ADDRESS OF OPERATOR

Box 1600, Midland, Texas 79701

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

At surface

1,980' FSL and 810' FWL

At proposed prod. zone

Same

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

5 miles Southeast of Artesia, New Mexico

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

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

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

19. PROPOSED DEPTH

9,600'

20. ROTARY OR CABLE TOOLS

Rotary

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

Later

22. APPROX. DATE WORK WILL START*

October 24, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48	200	*200 SX
12 1/4"	8 5/8"	32	2000	*900 SX
7 7/8"	4 1/2"	10.5-13.5	9500	350 SX

*cement to surface

Howco method of cementing to be used

See "Development Plan for Surface Use", "Plan for Equipment", "Blowout Preventer Equipment" and "Rig Layout" attached.

RECEIVED

OCT 20 1975

O. C. C.
ARTESIA, OFFICE

RECEIVED

SEP 26 1975

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

Melba Knippling

Melba Knippling

TITLE Proration Specialist

DATE September 25, 1975

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONDUIT

REQUIREMENTS DATED JUN 22 1973

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

U. L. BEEKHAWAN
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES

JAN 17 1976

See Instructions On Reverse Side

DECLARED WATER BASIN
CEMENT BEING THE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO WITHNESS CEMENTING THE CASING.

Exxon Lse. No. **231632**

NEW MEXICO OIL CONSERVATION COMMISSION

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

State Lse. No. _____

WELL LOCATION AND ACREAGE DEDICATION PLAT

Federal Lse. No. **LC 069274**

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

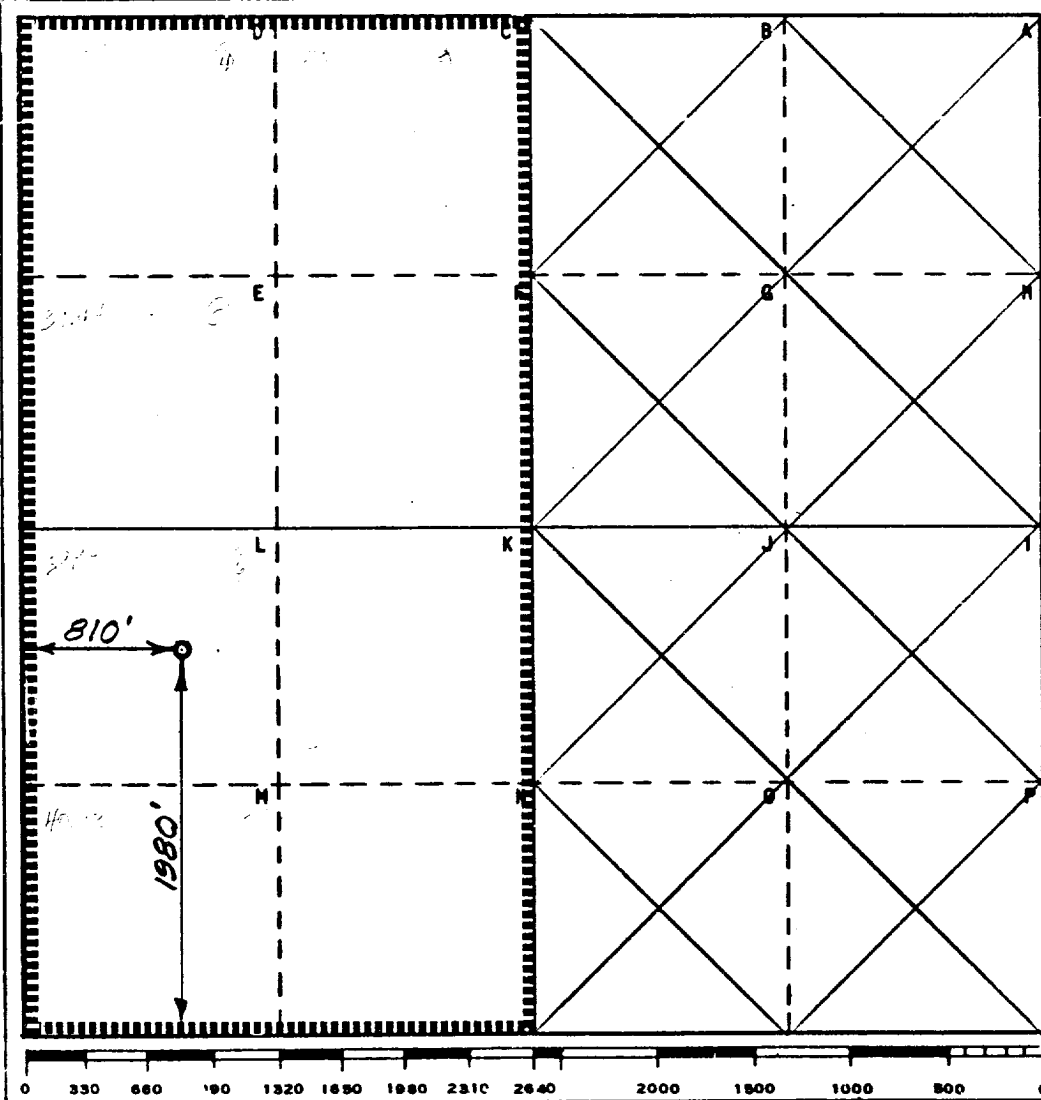
Operator Exxon Corporation		Lease Red Lake Fed. Com.		Well No. 1	
Unit Letter "L"	Section 6	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 1980 feet from the South line and 810 feet from the West line					
Ground Level Elev:	Producing Formation Pennsylvanian	Pool Red Lake - Pennsylvanian Gas		Dedicated Acreage: 318.80 - 320 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 Communitization Pending

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

Meeba Knippling

Position

Proration SpecialistCompany Exxon CorporationBox 1600 Midland, Texas

Date

9-23-75

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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.

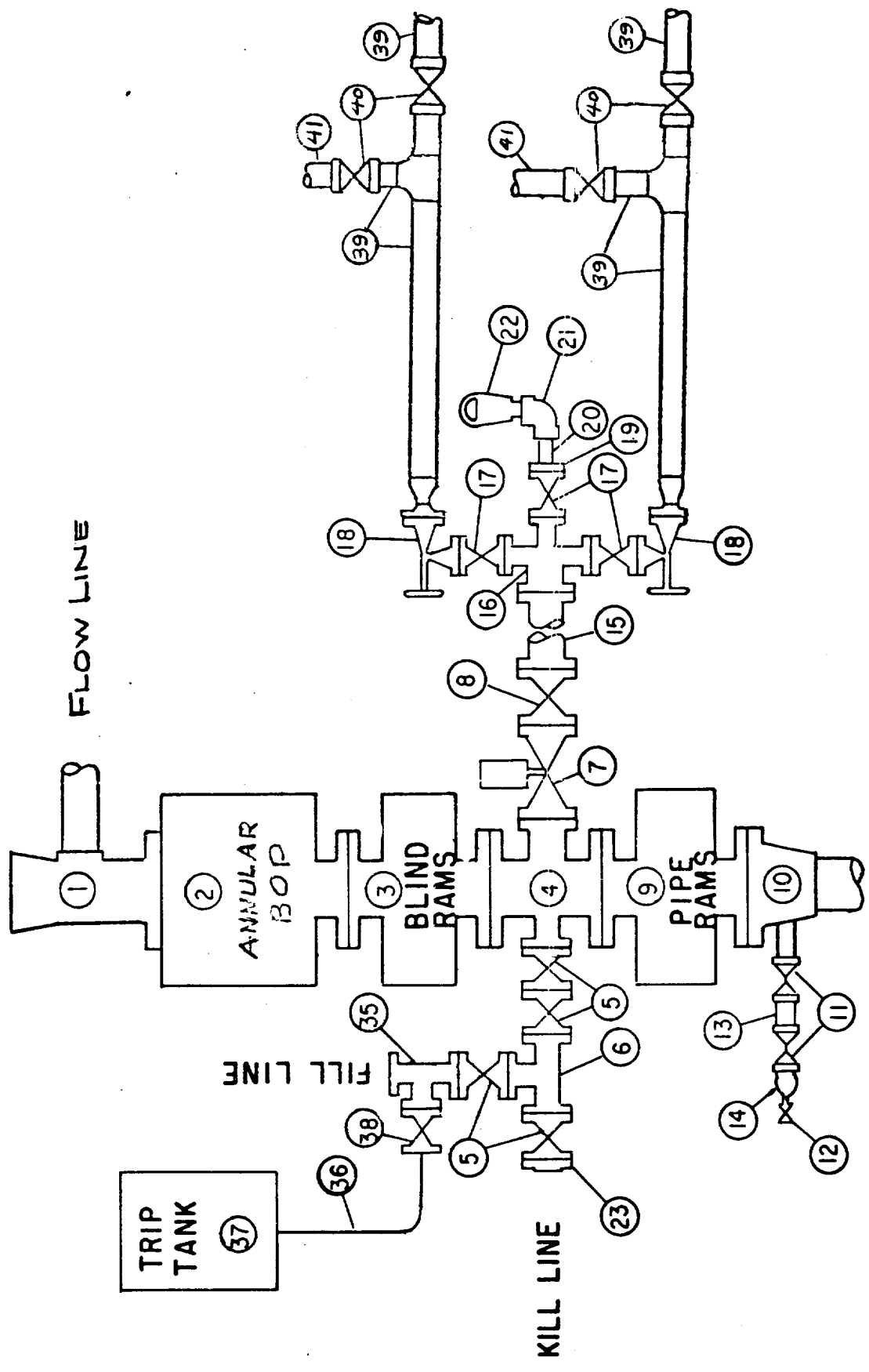
Date Surveyed

9-22-75Registered Professional Engineer
and/or Land SurveyorH. S. Hunterfeld

Certificate No.

13825 Miles S.E. of Artesia, New MexicoC.E. Sec. File No. A-6874

MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - C



BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 2,000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 4-inch pressure operated gate valve.
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.

35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

PLAN FOR EQUIPMENT

RED LAKE FED. COM. WELL NO. 1

1. Conductor casing: 200' of new 13 3/8" 48 ppf H-40 EW STC
2. Casinghead: 13 3/8" STC X 12" 3000 psi flange
3. Surface casing:
 - a. 2,000' of new 8 5/8" 24 or 32 ppf J-55 STC
4. Blowout Preventers:
 - a. On conductor casing: 2000 psi bag type of 2 ram type (one set each of pipe and blind rams). 2000 psi fill and kill connections and choke manifold.
 - b. On surface casing: 2-10" 3000 psi: ram type, (one set each of pipe and blind rams). 10" 3000 psi bag type. 3000 psi fill and kill connections and choke manifold.
5. Auxiliary Equipment
 - a. Upper and lower kelly cocks
 - b. Back pressure valve available to install in drill string
 - c. Safety valve in floor ready to use if needed.
 - d. Trip tank
6. Approximate Bottomhole pressure at 9,500': 3,500 psi (7.1 ppg)
7. Drilling Fluid:

0-200'	Spud Mud
200-6000'	Fresh Water Mud
6000-TD	Brine Water

DEVELOPMENT PLAN FOR SURFACE USE ON RED LAKE FED. COM.

WELL NO. 1

Attached is a segment of a map in Eddy County, New Mexico showing the location of the proposed Red Lake-Pennsylvanian Gas Pool well. Also attached are the following listed items as requested by the U.S.G.S.

1. Existing roads. (See U.S.G.S. map)
2. Planned access to the location. (See U.S.G.S. map - approx. 9,000' of 12' wide graded road.)
3. Offsetting Pool wells. (See Ownership map)
4. Lateral roads to other wells. (See Ownership and U.S.G.S. maps)
5. Location of tank battery and flow line will be furnished at a later date.
6. Water will be hauled from off the lease if a source near the location is not readily available to furnish water for drilling.
7. The drilling contractor will be required to comply with OSHA requirements. There will be a separate burn pit for trash and junk disposal.
8. No camps are involved.
9. No airstrips are involved.
10. A sketch of the proposed location layout is attached showing the position of the rig, pipe rack and reserve pit, as well as the size of the location.
11. The location will be restored to the satisfaction of the Bureau of Land Management.
12. This area lies east of the Pecos River and is poor pasture land, hilly, with very sparse vegetation. This location is in a fairly level area and will not adversely affect the environment.

For inspection of location, contact W. R. Wardroup, Division Drilling Manager for Exxon Corporation in Midland, Texas, 915-684-4411, Ext. 263.

[illegible]

SPEED LETTER

TO New Mexico Oil Conservation Commission

Drawer DD

Artesia, New Mexico 88210

FROM Exxon Corporation

Attn: Oil & Gas Accounting
Box 1600

Midland, Texas 79701

SUBJECT API Unique Well No.

FIG. 9 & 10 FOLD

MESSAGE

DATE _____ 19__

Please furnish the API Unique Well Number for the attached well and return it in the enclosed stamped self-addressed envelope.

SIGNED Melba Knipling Melba Knipling

REPLY

DATE 10-20-75 19__

Exxon Corp. Red Lake Fed. Com

#1- 19805-810'W-6-18-27

API * 30-015-21654

FIG. 9 FOLD

FIG. 10 FOLD

SIGNED W. A. Grasset