

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

File

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

P.O. Box 1600, Midland, TX 79702

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

At surface

1801' FNL and 963' FEL of Section

At proposed prod. zone

1801' FNL and 963' FEL of Section

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

17 miles East of Las Cruces

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 357'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. None

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

4,429' GR

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"	54.5	500	350 cu/ft. CIRCULATE
12 1/4"	10 3/4"	45.5	5500	1050 cu/ft. CIRCULATE
9 1/2"	7 5/8" liner*	26.4	5000'-9000'	700 cu/ft.
6 1/2"	5 1/2"	15.5	TD	300 cu/ft.

* 7 5/8 liner is on contingency basis and will be set if conditions warrant.

BOP's: 13 3/8" casing:IIB-3000psi
10 3/4" casing:IIB-3000psi

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

Meeva Knippling

TITLE

UNIT HEAD

DATE August 2, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

A. G. Lopez

TITLE

DATE

9/20/83

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Federal Lse. No. _____ All distances must be from the outer boundaries of the Section.

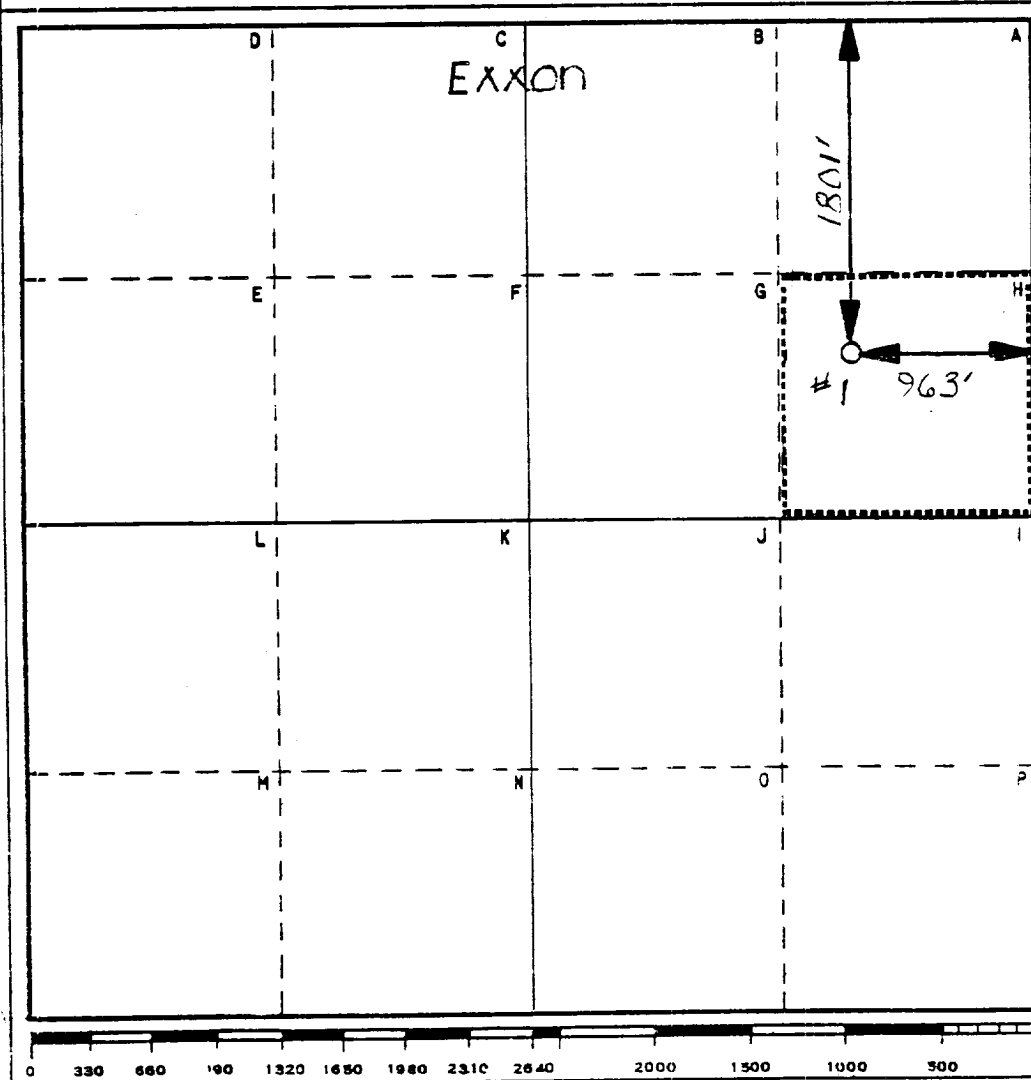
Operator Exxon Corporation			Lease MASON DRAIN FEDERAL		Well No. 1
Unit Letter H	Section 13	Township 23S	Range 4W	County DONA ANA	
Actual Footage Location of Well: 1801 feet from the NORTH line and 963 feet from the EAST line					
Ground Level Elev: 4429'	Producing Formation PENNSYLVANIAN	Pool WILDCAT-P	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 _____

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.

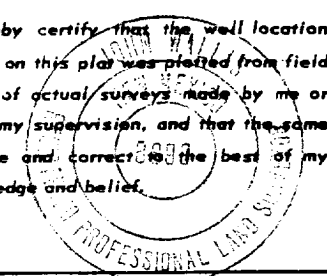


CERTIFICATION

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

Name
Meles Knippling
Position
UNIT HEAD
Company
Exxon Corporation
Box 1600 Midland, Texas
Date
8-3-83

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
1-27-83
Registered Professional Engineer and/or Land Surveyor
John Wallis
Certificate No.
8699

17 Miles EAST of LAS CRUCES, New Mexico

C.E. Sec. File No. WA-8197

10 POINT PLAN
Mason Draw Prospect
Section 13, T23S, T4W
Dona Ana County, New Mexico
July 26, 1983

1. The geologic name of the surface formation: Tertiary
2. The estimated tops of important geologic markers:

Permian : 6,275'
Silurian : 10,500'
Precambrian : 12,800'

3. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to occur:

Deepest FW : 500'
Primary Oil/Gas : 8,915'
Secondary Oil/Gas : 10,500'

4. Proposed casing program:

<u>STRING</u>	<u>SIZE</u>	<u>WEIGHT/GRADE</u>	<u>CONDITION</u>	<u>DEPTH INTERVAL</u>
Conductor	20"	94#/H-40	New	0- 80'
Surface	13-3/8"	54.5#/K-55	New	0- 500'
Intermediate	10-3/4"	45.5#/K-55	New	0-5500'
*Liner	7-5/8"	26.4#/K-55	New	5000-9000'
Production	5-1/2"	15.5#/K-55	New	0- TD

* Liner is on a contingency basis and will be run only if conditions warrant.

5. Minimum specifications for pressure control equipment:

- A. Wellhead equipment - Flanged type, 3000 psi WP for 13-3/8" x 10-3/4" x 5-1/2" casing program with 2-7/8" tubing hanger.
- B. Blowout preventers - Refer to attached drawings and lists of equipment titled "Type II-B" for description of BOP stacks and choke manifold.
- C. BOP actuation - Will be hydraulically operated and have at least two control stations.
- D. Testing - Upon installation, the Type II-B BOP's for the 13-3/8" surface casing and 10-3/4" intermediate casing will be tested to a low pressure of 300 psi and a high pressure of 3000 psi. Top ram door seals will be pressure tested when the casing rams are changed. An operational test of the blowout preventers will be performed on each round trip, but not more than once each day; the annular and pipe ram preventers will be closed on drill pipe and the blind rams will be closed while the pipe is out of the hole.

BLOWOUT PREVENTER SPECIFICATION TYPE II - B

