

UNITED STATES
DEPARTMENT OF THE INTERIORNM OIL & GAS
reverse side,
Artesia, NM 88210

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

Exxon Corporation

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

1980' FNL and 660' FEL of Section (irregular
section)

At proposed prod. zone

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

10 miles SE of Hope, NM

15. DISTANCE FROM PROPOSED*

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

660'

660'

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

None

19. PROPOSED DEPTH

8700'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320.1

20. ROTARY OR CABLE TOOLS

Rotary

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

3811' ± GR

22. APPROX. DATE WORK WILL START*

December 1981

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94.0#	40'	Readi-Mix to surface
17 1/2"	13 3/8"	54.4#	300'	475 sx (to surface)
12 1/4"	8 5/8"	32.0#	1750'	1100 sx (to surface)
7 7/8"	5 1/2"	14, 15.5, 17	8700'	915 sx (4300')

Mud Program:

Depth Interval (Ft)	Type	Weight (ppg)	Funnel Visc. (Sec/Ot)	PV	YP	WL	Solids	pH
0-300'	FWG	8.6-9.2	40-60	--	--	--	--	10.5+
300-1750'	FWG	8.4-8.6	28-32	--	--	--	--	10.5+
1750-4820'	FW	8.4	28	--	--	--	min	10.5+
4820-8000'	Cut BW	8.6-9.2	30	--	--	20	min	10.5+
8000-8700'	Cut BW	8.8-9.5	33	5-10	5-10	10	min	10.5+

Cl⁻ ppm 40m (4820-8700')

Gas is not dedicated to a purchaser.

Type II-C (3000 psi) BOP will be used on 8 5/8" and 5 1/2" csg.

Type V or VI (2000 psi) BOP will be used on 13 3/8" csg.

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

TITLE

Unit Head

DATE

November 13, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVED *

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DEC 11 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

TITLE

DATE

* THIS APPROVAL DOES NOT
CONSTITUTE AUTHORITY TO
COMMUNITIZE.