

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

Jake L. Hamon

3. ADDRESS OF OPERATOR

908 Vaughn Building, Midland, Texas 79701

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

At surface

1980' FEL & 1780' FNL Section 34, T-23-S, R-24-E.

At proposed prod. zone Eddy County, New Mexico

ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.

NM 0556770

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Terra Federal Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Rock Tank (Lower Morrow Gas)

11. SEC. T. R. M., OR BLK.

Section 34, T-23-S,
R-24-E, NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

17 miles Southwest of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

1780'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

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

None

19. PROPOSED DEPTH

11,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3938' GR.

22. APPROX. DATE WORK WILL START*

March 26, 1973

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#	30'	2 cu. yds. readimix
12-1/4"	8-5/8"	24#	2500'	1000 sks & circulate to surface
7-7/8"	4-1/2"	10.5 & 11.6#	T.D.	300 Sacks

Operator proposes to drill to the lower Morrow formation anticipated at or above 10,800'. Any significant shows of oil or gas will be drill stem tested. If oil or gas production is indicated in any zone penetrated, 4-1/2" casing will be set and cemented and the productive zone perforated. If necessary, the productive zone will be acidized or hydraulically fractured.

Fresh water gel mud will be used on the surface hole to 2500'. Fresh water will be used as drilling fluid from 2500' to 8200'. Low solids fresh water mud will be used from 8200' to total depth.

Two hydraulic blowout preventors of at least 3000 psi working pressure will be set on the surface casing and used throughout the drilling program. BOP's to be tested when installed and operated daily. A Hydril Preventer of at least 3000 working pressure will also be installed.

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 Petroleum Engineer

DATE March 9, 1973

(This space for Federal or State office use)

PERMIT NO.

MAR 14 1973

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

ACTING DISTRICT

TITLE

DATE

DECLARED WATER BASIN

*See Instructions On Reverse Side
C-MENT REVERSE SIDE
CASING MUST BE CIRCULATEDNOTIFY USGS IN ADVANCE OF TIME TO
WITNESS CEMENTING THETHIS APPROVAL IS VALID IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JUN 14 1973