

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

20-013-21227

5. LEASE DESIGNATION AND SERIAL NO.

NM-027994-4

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mobil Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Carlsbad Morrow

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

25-T23S-R26E

12. COUNTY OR PARISH

13. STATE

Eddy

New Mexico

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

J.M. Huber Corporation ✓

3. ADDRESS OF OPERATOR

1900 Wilco Building, Midland, Texas 79701

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

At surface

1980' FN&NL Section 25-T23S-R26E, Eddy County, New

At proposed prod. zone Mexico

Morrow

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

8 miles south of Carlsbad, New Mexico

O. C. C.

15. DISTANCE FROM PROPOSED*

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

1980'

16. NO. OF ACRES IN

ARTESIA

OFFICE OF ACRES ASSIGNED
TO THIS WELL

320

320

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

2640'

19. PROPOSED DEPTH

12,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3226.7 GR

22. APPROX. DATE WORK WILL START*

June 1, 1974

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# & 61#	600'	700 sx or circulate
12-1/4"	9-5/8"	36#	5,400'	1800 sx (est. top @ 1200')
8-3/4"	4-1/2"	10.5# & 11.6#	12,000'	525 sx (est. top @ 10,000')

Drill 17½" hole to 600', set 520' 13-3/8" 48#, H-40, ST&C casing and 80' 13-3/8" 61#, K-55 ST&C casing. Cement 13-3/8" casing with 700 sx Class "C" cement and circulate cement to surface. W.O.C. 18 hours. Drill out 13-3/8" casing and test 13-3/8" casing to 500 psi. Drill 12½" hole to 5400' +, log intermediate hole and run 1250' 9-5/8" 36#, S-80, ST&C casing and 4150' 9-5/8" 36#, K-55, ST&C casing. Cement with 1500 sx Lite Water cement with 7½# salt/sack and ¼# celloflake/sack, tail-in with 300 sx Class "C" cement. Run temperature survey 8 hours after plug is down. Nipple up, install 5000 psi BOP, Hydril and Rotating Head. W.O.C. 18 hours. Yellowjacket BOP's, Hydril, Manifold, Kill Line and Kellycocks to 3000 psi. Pressure test 9-5/8" casing to 2000 psi. Drill 12¼" hole to PTD of 12,000'. Log and evaluate for 4½" production casing feasibility.

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

James R. Sutherland
James R. Sutherland

TITLE Dist. Prod. Manager

DATE April 16, 1974

(This space for Federal or State office use)

APPROVED
MAY 23 1974
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

TITLE

Subject to approval of
Committee Agreement
prior to producing this well.

DATE

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES AUG 23 1974

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.