

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22936

5. LEASE DESIGNATION AND SERIAL NO.

NM-14124

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Marquardt Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

White City Penn

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

Sec. 12, T25S, R26E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

RECEIVED

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

GULF OIL CORPORATION

JUN 6 1979

3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

O. C. C.

4. LOCATION OF WELL (Report location clearly and in accordance with ARTESIA, OFFICE*)

At surface

1650' FNL & 1650' FWL

At proposed prod. zone

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

Approximately 16 miles South of Carlsbad, New Mexico

15. 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

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.

19. PROPOSED DEPTH

11,650'

20. ROTARY OR CABLE TOOLS

Rotary

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

3327' FL

22. APPROX. DATE WORK WILL START*

July 1, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	32.7#	2,100'	1300 sx - Circulate
9 1/2"	7-5/8"	26.4#	8,600'	625 sx - TOC 6000'
6 1/2"	5" liner	15.0#	11,650'	400 sx - Circ liner top

NOTE: See Attached BOP Drawing No. 4

Circulating Media: 0' - 2,100'
2,100' - 8,600'

8,600' - 11,000'

11,000' - 11,650'

Fresh water spud mud;
Brackish water with brine water as needed
to increase weight; Polymer as required for
samples & DST's;
Brine water polymer with 3-4% KCl; Weight
adjusted upwards from 10 ppg as well
conditions dictate; Viscosity, minimum;
Filtrate, 10-15 cc's;
Brine water polymer as above; Filtrate,
4 cc's or less.

NOTE: Gas is not dedicated

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

R. C. Anderson

TITLE

Area Production Manager

4-27-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

6-1-79

MAY 1 1979

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO