

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21549

5. LEASE DESIGNATION AND SERIAL NO.
NM 20949

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
HAY HOLLOW UNIT

8. FARM OR LEASE NAME

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 12, T-26-S, R-27-E,
Unit Letter F

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

GREAT WESTERN DRILLING COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 1659, MIDLAND, TX 79701

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

At surface

Unit Letter F, 1980' FNL & 1980' FWL, Sec. 12, T-26-S, R-27-E
At proposed prod. zone

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

12 mi. S. of Malaga, NM on US285 Hwy., thence 6 miles west

15. DISTANCE FROM PROPOSED*

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

1980'

16. NO. OF ACRES IN LEASE

7,040

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

4,174'

19. PROPOSED DEPTH

12,900'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320(N/2 Sec. 12)

20. ROTARY OR CABLE TOOLS

Rotary

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

3176.1 GR

22. APPROX. DATE WORK WILL START*

May, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65.4	40'	40 sx
14"	10-3/4"	40.5	2320'	1160 sx
9-1/2"	7-5/8"	26.40 & 29.70 & 33.70 N-80 & P-110	9400'	740 sx
6-1/2"	5" FJ Liner	15#-N-80	9100'-12,900'	410 sx

OBJECTIVE : MORROW FORMATION

MUD PROGRAM: 0-2320' Spud mud consisting of Aquagel flocculated with lime

2320'-9400' cut brine 9.5#/gal.

9400'-11,400' brine 10#/gal.

11,400'-12,900' Dextrid-Drispac 10#/gal.

BLOWOUT PREVENTER: Shaffer LWS hydraulic double 10"x1500 series with Payne 4-valve accumulator closing unit. Manifold, 4"x1500 series flanged connections. One Shaffer spherical 10"x1500 series.

Pipe rams to be checked daily during daylight hours, and blind rams on each trip out of hole below 3,000'.

The requirements of the U.S.Dept. of the Int. in letter dated 6/22/73, shall be met.

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

General Superintendent

DATE 5-9-75

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

JUN 22 1975

TITLE

DATE

APPROVED BY

MAY 8 1975
L. BECKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RECORDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES AUG 22 1975

*See Instructions On Reverse Side

RECEIVED
MAY 12 1975
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO