

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

LC 035715

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hordages

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Eunice-Monument

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

Sec. 33, T-19-S, R-37-E

12. COUNTY OR PARISH

13. STATE

Lee

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

Post Office Box 1639

Midland, Texas 79702

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

At surface

760' FWL, 1780' FWL, Sec. 33, T-19-S, R-37-E

Unit Letter C

At proposed prod. zone

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

One-half mile east of Monument, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

750' southwest

16. NO. OF ACRES IN LEASE

120 ac. Sec. 33

40 ac. Sec. 28

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

Queen gas well

#1 - 1512' west

19. PROPOSED DEPTH

3950'

20. ROTARY OR CABLE TOOLS

rotary

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

3584.6' GR

22. APPROX. DATE WORK WILL START*

Approval & rig availability

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24	375'	250 ex Class "C"
7-7/8"	4-1/2"	9.5	3,950'	600 ex Class "C"

OBJECTIVE: Grayburg San Andres

MUD PROGRAM: 0-375' spud mud consisting of Aquagel flocculated with lime.

375'-3200' Cut brine 9.5 + #/gal.

3200-3950' T. D., Sea mud, Vis 36-38, WL 8-10 CC

BLOWOUT PREVENTER: 10" 900 series double ram hydro with hydril. Pipe rams to be checked daily during daylight hours, and blind rams on each trip out of hole below 2000'.

EST. FORMATION TOPS: T-Anhydrite 1300'
T-Salt 1404'
B-Salt 2558'T-Yates 2597' T-Grayburg 3710'
T-Seven Rivers 3250' T-San Andres 3848'
T-Queen 3422'

RECEIVED

NOV 28 1979

U. S. GEOLOGICAL SURVEY

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

M. B. Myers

M. B. Myers

TITLE

Assistant General Superintendent

DATE 11-27-79

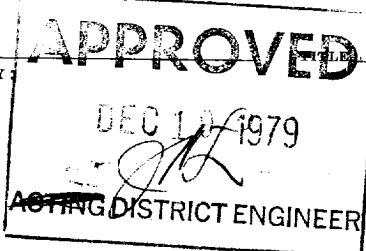
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY



DATE

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.