

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

AUG 11 1981

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

Carter Foundation Production Company

3. ADDRESS OF OPERATOR

P. O. Box 900, Kermit, Texas 79745

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

At surface 990' FNL & 660' FEL, Section 34, T-23S, R-37E,
Lea County, New MexicoAt proposed prod. zone
Same

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

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 990'
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED

TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, 1320' West of
OR APPLIED FOR, ON THIS LEASE, FT. Hill "D" Fed. #3

19. PROPOSED DEPTH

7255'

20. ROTARY OR CABLE TOOLS

-

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

3273' DF

22. APPROX. DATE WORK WILL START*

Immediately

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#	323'	300 sx.-circulated
12-1/4"	9-5/8"	32.30# & 36#	2902'	2000 sx., Top @ 500'
8-3/4"	7"	23# & 26#	9399'	265 sx., Top @ 6200'

Present Productive Zone:

T.D. - 9400'

Perforations - 9120'-40', 9150'-90', 9224'-44', 9252'-9310' (138' with 552 holes).

Attempt to repair well in April and May 1981 unsuccessful. Unable to get sufficient gas to lift well.

Proposal - Recomplete in Devonian Zone:

Set cement retainer @ 9000' and cement McKee section with 200 sacks.

Perforate at the following depths with 2 holes per interval: 7148', 52', 56', 60', 64', 72', 76', 80', 84', 88', 92', 96', 7202' and 06' (14 intervals with 28 holes).

Acidize well using 20,000 cubic feet nitrogen pad, 10,000 gals. 20% retarded acid with recommended nitrogen mix in acid. Acidize in 2 stages with minimum of 500# benzoic acid flakes in each stage.

Swab well until acid treatment recovered. Rerun tubing with rods & pump (if necessary).

Blowout preventer to be installed and well equipped with choke when swabbing.

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

Agent

DATE 8-10-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

DATE

AUG 12 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*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.

★ U.S. GOVERNMENT PRINTING OFFICE: 1963-O-711-396

RECEIVED

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GIL CONSERVATION DIV