

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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, Summit, Texas 79745

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

At surface 1,980 feet from North line, and 1,900 feet from East line
of Section 34, T-29-S, R-37-E, Lea County, New Mexico.
At proposed prod. zone Same

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

13 miles North East of Jol, New Mexico.

15. DISTANCE FROM PROPOSED*

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

18. DISTANCE FROM PROPOSED LOCATION*

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

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

3,270 GR. 3,280 LF

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7" OD	23, 26, & 29	9,521	670 sacks

Propose to pull tubing and packer. Cement bottom back to 9,270 with 200 feet cement to cover
Mace perforations at 9,320 to 9,470. Put 70 barrels 10% and 7,400 to 9,270. Put cement plug
from 6,670 to 7,480. Test casing with 1,500#. Set cement retainer at 5,800' and cement below
retainer, with 250 sacks cement. Run Census Ray - Houston Survey from 4,800 to 5,800'. Correlate
with present log and perforate with 2 holes at 5,598; 5,623; 19; 38; 43; 53; 60; 67; 75; 88;
5,703; 14; 24; 36; 45; 61; 72; 80; and 97. Acidize with 2,000 gallons 12% acid and fracture
with 30,000 gallons gelled water and 37,500# 20/40 sand. Perforate with 2 holes at 5,267; 95;
5,309; 16; 24; 33; 42; 52; 60; 70; 80; 88; 5409; 33; 43; 50; 61; 70; 82; 92; 96; 5,503; 12; 20;
and 29. Run tubing, packer and bridge plug, set bridge plug at 5,540 and acidize with 3,000
gallons regular acid. Then fracture with 30,000 gallons gelled water and 40,500# 20/40 sand.
Run tubing and packer in well and test for production.

ILLEGIBLE

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

E. L. Smith

TITLE

Production Superintendent

DATE

7-18-1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
JUL 24 1974
ARTHUR R. BROWN
DISTRICT ENGINEER

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.