

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

Clayton W. Williams, Jr.

3. ADDRESS OF OPERATOR

One Spring Drive, Ft. Stockton, TX 79735

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

At surface 1980' FSL & 1980' FWL, Section 15, T22S, R31E,
Eddy County, New Mexico
At proposed prod. zone

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

26 miles ESE from Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE

320*

17. NO. OF ACRES ASSIGNED

320

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

15,500

20. ROTARY OR CABLE TOOLS

Rotary

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

Will Furnish later

22. APPROX. DATE WORK WILL START*

June 20, 1973

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94 lb.	800	2410 Cu. Ft.
17½"	13 3/8"	61 & 68 lb.	4,300	5950 Cu. Ft.
12¼"	9 5/8"	47, 43.5, & 40	12,100	7600 Cu. Ft.
8½"	7 5/8"	46.1 & 39 lb.	15,030	995 Cu. Ft.

Drill 26" hole to 800: Set 20" csg & cement to surface.
Drill 17½" hole to 4,300: Log. Set 13 5/8" csg & cement to surface.
Drill 12¼" hole to 12,100: Log. Set 9 5/8" csg & cement to surface.
Drill 8½" hole to 15,030: Log. Set 7 5/8" liner 15,030 to 11,800: cement.
Drill 6½" hole to 15,500: Log. If production is indicated, set 5" liner
from 15,500 to 14,730: cement. Perforate and stimulate if necessary.

Blowout Preventers: 400 to 4,300; 20 Series 600 Double Hydraulic
4,300 to 15,500; 13 5/8 Series 1500 Double Hydraulic
with annular preventer and rotating head.

* Actual Cement volumes to be determined from caliper surveys, with
the exception of surface casing.

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

James R. O'Brien

TITLE

Geologist in Charge

DATE

June 5, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE
DISTRICT ENGINEER

APPROVED BY

James R. O'Brien

TITLE

DATE

JUN 11 1973

CONDITIONS OF APPROVAL, IF ANY: