

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other face shows on reverse side)

30-015-20914

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

Charles A. Dean ✓

3. ADDRESS OF OPERATOR

825 Midland Tower, Midland, Texas 79701

JUL 27 1973

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

At surface 1980' FSL & 1980' FWL of Section 28

At proposed prod. zone Same

O. C. C.
ARTESIA, OFFICE

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

20 mi. Southwest of Artesia, N.M.

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

9200

20. ROTARY OR CABLE TOOLS

Rotary

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

GR-4229

22. APPROX. DATE WORK WILL START*

July 21, 1973

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	40'	50 sx
12-1/4	8-5/8	32	2000'	1100 sx
7-7/8	4-1/2	11.6	9400'	1000sx

It is proposed to drill the 17-1/2" hole with a Rat Hole machine and set & cement the 13-3/8" conductor casing-cementing with adequate volume to fill the annulus. The 12-1/4" surface hole will be air & mist drilled to approximately 2000 ft.; the 8-5/8" casing run & cement circulated to surface. The surface hole will be drilled with a Hydril BOP plus a rotating head. After WOC a minimum of 18 hours, the casing will be tested to 1000 psi. A double blow out preventer plus hydril plus rotating head will be nipped up and tested to 3000 psi. The 7-7/8 hole will be air & mist drilled to total depth or to such point as excessive fluid entry into well bore is encountered. If later is the case, a fresh water mud of gel, Benex CMC will be put in well. At total depth, if production is encountered 4-1/2" 11.6#/ft. casing will be run & cemented with 1000 sx.

RECEIVED

JUL - 31 1973

J. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed casing and cementing program. 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

7/2/73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUL 25 1973

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

JUL 25 1973

CONDITIONS OF APPROVAL, IF ANY:

Attached Well Control Requirements dated 6-22-73

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 8 7/8" CASING.

*See Instructions On Reverse Side

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.