

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

David Fasken

3. ADDRESS OF OPERATOR

608 First National Bank Bldg., Midland, Texas 79701

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

At surface

4196.5' FNL & 660' FWL, Section 2, T-21-S, R-26-E

At proposed prod. zone

Same

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

6 mi. N. Carlsbad

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

3800'

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

3198.9' GL

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#	350'	300 sx.
12-1/4"	8-5/8"	24# & 32#	4300'	2000 sx.
7-7/8"	5-1/2"	17# & 20#	11100'	650 sx.

1. Drill 17-1/2" hole to 350' with spud mud. Set and cement 13-3/8" casing.
2. Install Shaffer 12" X 3000 W.P. Type "E" Hydraulic double ram B.O.P.
3. Drill 12-1/4" hole to 4300' with fresh water. Set and cement 8-5/8" casing.
4. Install 10" X 12" 5000 W.P. spool, choke manifold, 12" X 3000 W.P. Shaffer Type "E" Hydraulic double ram B.O.P., Hydril 10" X 3000 WP GK B.O.P. and Grant Rotating head.
5. Drill 7-7/8" hole to T.D. 11,100' using fresh water, 2% KCl brine, 10# brine and low solids polymer-starch mud. Pressure test B.O.P., stack and well head @ 8000' and install P.V.T. and flow sensor.
6. DST all pay zones - run electric logs.
7. Set and cement 5-1/2" casing at 11,100'.
8. Perforate and test pay zones.

RECEIVED

NOV 26 1973

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 interval depths. Give blowout preventer program, if any.

24.

SIGNED

James B. Henry

TITLE

Agent

DATE 10-15-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

NOV 1 1973

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DISTRICT ENGINEER

DATE