

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 Building, Midland, Texas 79701 D

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

At surface

1980' FNL & 660' FEL

At proposed prod. zone

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

Two miles south of White City, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

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.

None

19. PROPOSED DEPTH

11,800'

20. ROTARY OR CABLE TOOLS

Rotary

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

3512' Grd.

22. APPROX. DATE WORK WILL START*

12-20-72

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48# H-40	350'	300 SXS.
11"	8-5/8"	32# J-55	5300'	2200 SXS.
7-7/8"	4-1/2"	Various	11800'	450 SXS.

1. Drill 17½" hole to 350' with spud mud, set 13-3/8" casing and cement with sufficient cement to circulate. NOTE: B.O.P. 12" Ser. 900 on surface casing, 10" Ser. 900 on intermediate casing plus Hydril.
2. Drill 11" hole to 5300' with fresh water, run flow meter, set 8-5/8" csg., cement with sufficient cement to circulate and run temperature survey on cement job.
3. Install 12", 3000# WP x 10", 5000# WP casinghead spool. Test casing, head, BOP and choke manifold to 2500 psig with Yellow Jacket Service.
4. Drill 7-7/8" hole to T.D. of 11,800' with fresh water to 8000', 2% KCl water to 9500' and 10# brine to T.D. Weight drilling fluid as necessary to control hole.
5. DST all shows - test each Morrow Sand individually and run electric logs.
6. Set and cement 4½" production casing, cement and run temperature survey.
7. Install 5000# WP tubinghead and Christmas tree and 6" 5000# WP B.O.P.
8. Perforate pay zones. Test and/or stimulate well as needed and run potential test.

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

12-12-72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE

APPROVED
12-15-1972
L. L. BEEKMAN
ADJUTANT DISTRICT ENGINEER

THIS APPROVAL IS RECEIVED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES
DEC 15 1973
*See Instructions On Reverse Side

DECLARED WATER BASIN
CEMENT AND THE
CASING MUST BE CIRCULATED
1.3 3/8"

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.