

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-20136

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

Mallard Petroleum, Inc.

3. ADDRESS OF OPERATOR

1206 V & J Tower, Midland, Texas 79701

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

At surface 330 FNL & 660 FNL Section 12, T-34-S, R-24-E,

Eddy County, New Mexico

At proposed prod. zone

Same

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

10 miles Northwest of White City

15. DISTANCE FROM PROPOSED*

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

330 ft.

16. NO. OF ACRES IN LEASE

400

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

9600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

4267 Gr.

22. APPROX. DATE WORK WILL START*

April 20, 1968

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#	300'	300 SX
11"	8-5/8"	24# & 32#	2500'	300 SX

1. Drill 17-1/2" surface hole to approximately 300 ft. Run 13-3/8" 48# H-40 casing to total depth. Cement with 300 sacks cement.
2. Nipple up National 13-3/8" x 12" 600 Bradenhead and double ram hydraulic blowout preventers. Test bradenhead, casing and blowout preventers to 1000# for 30 minutes before drilling out.
3. Drill 11" hole to approximately 2500 ft. Run 8-5/8" 24# J-55 casing to total depth and cement with 300 sacks cement.
4. Test casing and blowout preventer equipment to 1500# for 30 minutes.
5. Drill 7-7/8" hole to 9600 ft. or sufficient to test Strawn porosity

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depth. Give blowout preventer program, if any.

24.

SIGNED

R. W. Keenan

TITLE Production Superintendent

DATE April 8, 1968

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APR 17 1968

APPROVED BY

John A. Brant

TITLE

DISTRICT ENGINEER

DATE

APR 17 1968

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY USGS IN SUFFICIENT TIME TO

DECLARED WATER BARRIER

WITNESS CEMENTING THE CASING.

CEMENT BARRIER *858*
CASING MUST BE CIRCULATED

*See Instructions On Reverse Side

US APPROVAL IS RESEINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES 7-17-68RECEIVED
APR-9-1968
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 not 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.