

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK x 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 1226 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-24-S, R-23-E, Eddy County, New Mexico At proposed prod. zone		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4285 D.F.		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS x
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		22. APPROX. DATE WORK WILL START*

Running 8-5/8' Casing

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
1. (5-2-68)	T.D. 2530.	Drilled 11' hole to 2530 feet.	Ran 80 jts. (2509 ft.) of 8-5/8' 24# New Seamless casing set at 2530 ft. KBM. Cemented with 600 sacks Halliburton Lite Wate W/10# gilsonite per sack and 200 sacks Incor Neat. Cement circulated. Plug down 8:30 P.M.	
2. (5-3-68)	WOC 24 hrs.	Nippled up 8-5/8" x 10" 600 National Bradenhead and 10" 900 BOP. Tested casing, bradenhead and BOP to 1500# for 30 min. Test okay. Resumed drilling.		

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U. 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 new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface conditions and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED R. W. Keener TITLE _____ DATE _____

(This space for Federal or State office use)

Production Superintendent

5-6-68

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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.