

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

Re-Enter

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Malzer & Henderson

3. ADDRESS OF OPERATOR

Box 953, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface660' FSL and 1980' FEL
At proposed prod. zone

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

8 miles SW Jal, New Mexico

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.

1320/

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

3400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

Immediately

23. 2956.5 GL

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	593.49	400 sx circulated
7 7/8	5 1/2	14	3000	150 " "

Well originally drilled by Joseph I. O'Neill, Jr. to FSTD 3115'. Well P&A 12-11-73. We propose to re-enter (Upon Approval) immediately, weld 8 5/8" 8R thread on 8 5/8" surface pipe so that an adapter and blowout preventer can be installed. Drill thru 10 sx cement plug @ surface and drill out hole to OD of surface pipe. With 6 to 8 drill collars in hole to next cement plug, continue drilling plugs to top of 5 1/2" csg. @ 2017', clean out hole. Remove blowout preventer and adapter & install 8 5/8" female x 5 1/2" csg. head, run 5 1/2 x 2 3/8 csg. head on 5 1/2" (NEW) csg. Reinstall blowout preventer and pressure test csg. to make sure csg. patch pack off holds. Drill necessary cement plugs to desired TD. Swab old parfs for period long enough to determine potential. We will then plug back of set bridge plug @ 3030', perforate 2977-87, 91, 99, 3002, 16, 21, & 3023. Wash with 200 gal. mud acid, break down parf, inject ball sealers with a maximum pressure of 2000# on a packer set above 2970'. Frac with maximum of 2000# sand and 20,000 gal of gelled water and swab back and test. We expect a gas zone of 100 MCF/day or better.

TEN POINT PROGRAM: 1. Geologic name of surface formation is Tertiary Sand, 2. Estimated tops of geologic markers are: Top of Yates 2974', Base of Salt 2870', 3. Estimated depths at which anticipate water, oil, gas; Santa Rosa SS 350' wtr., Salado 1660' salt. 4. Csg. program, see above, 5. see attached diagram, 6. See above., 7. See above, 8. See above, 9. No abnormal pressure anticipated. 10. As soon as approved 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.

SIGNED

TITLE Owner

DATE 2-24-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

6-21-77 See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

NM 029050

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal P

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Jalmat Seven Rivers (Yates)

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

29, T-26-S, R-37 E

12. COUNTY OR PARISH

13. STATE

Lea

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 2: 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.

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RECEIVED

MAY 22 1977

OIL CONSERVATION COMM.
HOBBS, N. M.

FOROM CHAIRMAN

RECEIVED DISTRICT OFFICE