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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Collins & Ware, Inc.

3. ADDRESS AND TELEPHONE NO.
303 W. Wall, Ste 2200, Midland, TX 79701 (915) 6873435

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
2310' FSL & 330' FWL of Sec. 31
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
11 miles SE of Carlsbad, NM

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
330'

16. NO. OF ACRES IN LEASE
960

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
N/A

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3147' GR

22. APPROX. DATE WORK WILL START
12/26/92

5. LEASE DESIGNATION AND SERIAL NO.
NM 61349

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Quahada Ridge Federal #1 No. 1

9. AM WELL NO.
30-015-27666

10. FIELD AND POOL, OR WILDCAT
Herradura Bend, East, OFC

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
L
Sec. 31, T-22-S, R-29-E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

RECEIVED
SEP - 3 1993

O.C.D.

PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash / R-111-P Potash

| SIZE OF HOLE | GRADE SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------------|-----------------|---------------|--------------------|
| 12.25" | J-55, 8.625" | 24# | 600' | 450 SX CIRCULATE |
| 7.875" | J-55, 5.5" | 15.5# | 6500' | 1500 SX CIRCULATE |

Operator proposes to drill to the Delaware Formation to test for possible commercial production of oil. If productive, a 5.5" production string of casing will be run to TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal and State regulations and according to good engineering practice. Specific programs according to Onshore Oil & Gas Order #1 are outlined in the following attachments:

1. Well Location and Acreage Dedication Plat
2. Drilling Program
Exhibit 1 - Blowout Preventer
3. Surface Use and Operating Plan
Exhibit 2 - Existing Roads
Exhibit 2A - Planned Access Roads
Exhibit 3 - One Mile Radius Map with Lease Boundary
Exhibit 3A - Well Status
Exhibit 4 - Drilling Rig Layout
Exhibit 5 - Production Facilities Layout

*NOTE: See attachment dated 8/11/93 for amended csq. design. (SS)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on test 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 C. Thane Akins TITLE Agent DATE 12/7/92
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ Jack Splendoria TITLE Acting State Director DATE 8-27-93
*See Instructions On Reverse Side