

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
Collins & Ware, Inc.

3. ADDRESS AND TELEPHONE NO.
303 W. Wall, Ste. 2200, Midland, TX 79701 (915) 687-3435

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1980' FEL & 1980' FSL of Sec. 33
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
3 miles SW of Carlsbad, NM

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

16. NO. OF ACRES IN LEASE
240

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.
N/A

19. PROPOSED DEPTH
11,800'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3314.8 GR

22. APPROX. DATE WORK WILL START*
6/1/92

5. LEASE DESIGNATION AND SERIAL NO.
NMO331649(A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Ram Ewe Federal No. 1

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT
Happy Valley Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 33. T-22-S, R-26-E

12. COUNTY OR PARISH 13. STATE
Eddy NM

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17.5"	K-55 13.375"	48-68#	450'	400 sx CIRCULATE
12.25"	J-55 9.625"	36-47#	1650'	800 sx CIRCULATE
8.75"	J/S-55 7.0"	26-35#	9000'	1500 sx (tie back)
6.0"	S-95 4.5"	11.6-13.5#	8800-11800'	300 sx

Operator proposes to drill to the Morrow formation to test for possible commercial production of gas. If productive, a 4.5" liner will be set from 8800' 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 and Gas Order #1 are outlined in the following attachments:

- Well location and Acreage Dedication Plat
- Drilling Program
Exhibit #1 - Blowout Preventer (Exhibit 1A - Blowout Preventer)
- 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

Part ID-1
6-19-92
New loc + API

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 G. Thane Akins TITLE Agent DATE 5/18/92
(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 _____ TITLE _____ DATE 6-12-92

*See Instructions On Reverse Side