

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 88115	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Collins & Ware, Inc. ✓			7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 303 W. Wall, Ste. 2200, Midland, TX 79701			8. FARM OR LEASE NAME, WELL NO. Dall Federal #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface: 1980' FSL & 660' FWL At proposed prod. zone			9. AP WELL NO. 30-015-27642	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3.9 miles SW of Carlsbad, NM			10. FIELD AND POOL, OR WILDCAT Happy Valley (Delaware)	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA L Sec. 33, T22S, R26E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'			12. COUNTY OR PARISH Eddy	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3332' Gr.			13. STATE NM	
16. NO. OF ACRES IN LEASE 80			17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
19. PROPOSED DEPTH 5050'			20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* Upon Approval				

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17.5"	13 3/8 K-55	44-61#	350'	400 SXS CIRCULATE
11.0"	8 3/8 J-55	24#	1650'	650 SXS
7.875"	5 1/2 K-55	15.5#	5000'	650 SXS - SEE STIPS.

Operator proposes to drill to the Delaware formation to test for possible commercial production of oil and gas. If non-productive, the well will be plugged and abandoned in a matter consistent with Federal and State regulation and according to good engineering practice. Specific programs according to on-shore Oil and Gas Order #1 are outlined in the following attachments:

- Well Location and Acreage Dedication Plat
- Drilling Program
Exh. #1-BOP
- Surface Use & Operating Plan
Exh. #2- Existing Roads
2A- Planned Access Roads
3- One Mile Radius Map with lease boundary
4- Well Status
- Drilling Rig Layout
- Prod. Fac. Layout

Approval Subject to
General Requirements and
Special Regulations
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 Max Guerry TITLE Regulatory Manager DATE 7-16-93
(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 (ORIG. SGD.) RICHARD L. MANVIS TITLE _____ DATE AUG 2 1993

*See Instructions On Reverse Side