

Form 3160--5
(November 1983)
(Formerly 9--331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM - 85932

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

BW 31 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Livingston Ridge Delaware

11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA Undes.

Sec. 31, T-21-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE

NM

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Collins & Ware, Inc.

3. ADDRESS OF OPERATOR

303 W. Wall, Suite 2200, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

330' FSL and ~~110'~~ FWL of Section 31

330

14. PERMIT NO.

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

3601.6 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANE

(Other) intermediate casing

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled a 12 1/4" hole to 4518' K.B. on October 16, 1991. 8-5/8" 32 and 24#/ft., J-55 ST&C casing was run and set at 4518.97' K.B. Ran 10 Howco type centralizers (1) 5' above shoe, and on joints Nos. 2, 4, 6, 8, 10, 13, 14, 16, and 18. Cemented with 1600 sacks Howco lite cement with 15# salt/SK and 1/4# flocele/SK. (2.16 cu. ft./SK. yield, 12.7#/gallon). Tailed in with 250 sacks Premium Plus cement with 2% CACL2 (1.32 cu. ft./SK. yield, 12.7#/gallon). Plug down at 1:15 AM October 16, 1991. Circulated 300 sacks cement to pit. Bill McManus with the BLM witnessed the job. Waited on cement 19 3/4 hours. Tested BOP's to 3000 psig on October 17, 1991.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Agent

DATE 12/9/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: