

RECEIVED

N. M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 3160-3
(June 1990)

MAY 10 47 AM '93

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Collins & Ware, Inc.

3. Address and Telephone No.

303 W. Wall, Suite 2200, Midland, Texas 79701 (915) 687-3435

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL & 1980' FWL of Sec. 6, T-20-S, R-34-E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
NM 40406

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Quiet Man Federal No. 1

9. API Well No.

30-025-31714

10. Field and Pool, or Exploratory Area

Quail Ridge (Morrow)

11. County or Parish, State

Lea

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Squeeze & Perforate the
Morrow Formation
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. 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.)

Recompletion operations began March 11, 1993 to squeeze the existing Morrow Perforations and perforate additional Morrow Pay.

Set Halliburton Cement Retainer at 13,365' K.B. Mixed and spotted to 5 barrels above retainer, 30 sacks Micro-Matrix cement with 1% CFR-3, 0.5% Halad 344, 0.25% D-AIR at 0.075 gal./sk. retarder and 70 sacks Class "H" with 0.6% Halad 344 and 0.4% CFR-3. Squeezed to 4000 psig and bled back to 3800 psig with 22 sacks of cement below retainer. Picked up tubing from retainer and reversed out 78 sacks cement.

Spotted 250 gallons 10% MSA acid at 13,294'.

Set Baker lok-set packer at 13,023'. Tested packer and casing to 1500 psig.

Perforated with 2-1/8" Enerjet, zero phase, decentralized from 13,255' to 13,274' and 13,280' to 13,284' with 48 holes Acidized with 3600 gallons 7.5% Morflo BC acid with Pen-88, Cla Sta XP, HAI 85 and 45 ball sealers. 1000 scf N2/barrel in acid and flush. Last swab test on March 23, 1993: Made five swab runs, initial fluid level 7400'. Recovered 20 barrels water and 5 barrels condensate. 64 barrels over load.

See reverse side for continuation

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

Signed

Sheryl S. Jones

Title Agent for Collins & Ware, Inc.

Date May 3, 1993

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

March 26, 1993: Went in the hole with 5.5" 13-23* SV- EZ-Drill retainer and set at 13,230'. Mix and spot cement to within 5 barrels of retainer, 30 sacks Micro Matrix with 1% CFR-3, 0.1% Halad 344, 0.25% D-AIRS, 0.075 gal./sk. retarder and 50 sacks Class "C" with 0.5% Halad 344, 0.4% CRFR-3, displaced with 53 barrels fresh water, sling into retainer with 1500 psig on annulus. Squeeze perforations to 5000 psig, maximum and holding, 25.6 sacks cement below retainer, 23 sacks cement in formation. Squeezed at 9:52 AM. Reverse out 54.4 sacks cement.

Drilled out retainer and 52' of cement, PBTD 13,365'. Pressure tested 5.5" casing sand squeeze with 2000 psig for 15 minutes, O.K. Go in the hole and set Baker 5.5" B.B. packer at 12,990'. Test packer and tree to 1500 psig, O.K.

Perforate Morrow Formation with 2-1/8" Enerjet through tubing gun, 0 phase, decentralized 2 SPF from 13,083' to 13,355' (77 holes) with 0.36 EHD.

Acidize with 3000 gallons 7.5% NEFE acid with Lo Surf 300, HAI 85, Pen 88, Cla-Sta XP, FE-1A, FE-2A and 550-21. Dropped 72 ball sealers with 1000 scf/barrel N2 in acid and flush.

Turned well over to pumper April 3, 1993.

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JUN 21 1993

OLD HOBBS
OFFICE