

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

Doyle Hartman

3. Address and Telephone No.

500 N. Main St., Midland, Texas 79701; 800-444-8093

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

1980' FNL & 1980' FWL (F)
Sec. 7, T-20-S, R-37-E, NMPM

5. Lease Designation and Serial No.
LC-031621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

H.M. Britt No. 1

9. API Well No.

30-025-05972

10. Field and Pool, or Exploratory Area

Eunice Monument

11. County or Parish, State

Lea County, New Mexico

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 Additional cement repair

- ☐ 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.)*

On 7-13-99, commenced additional cement repair work. Poured 130 sx of 12/20 frac sand down casing. Flushed sand with 25 bbls of 2% KCl water. Ran into hole with 6-5/8" Model "C" packer. Tagged top of sand fill at 2921'. Pulled packer to 2653'. Loaded hole with 2% KCl water. Spotted 300 gal of 15% MCA acid from 2590'-2654'. Pressured casing to 2000 psi. Established a pump-in rate of 2.5 BPM, at 2100 psi, through casing hole(s) 2590'-2654'.

Raised packer to 2423'. Squeeze cemented casing hole(s) 2590'-2654' with 600 sx of API Class-C cement containing 2% CaCl₂, at a rate of 3 BPM at 2300 psi. After mixing cement, shut down and washed up lines. Displaced cement from tubing in stages. After pumping 5.5 bbls of flush (in two stages), cementing pressure climbed to 2900 psi. Relieved pressure and observed no backflow. Reversed 17 sx of cement from tubing. Pulled packer. Ran 5-7/8" bit and (6) - 4-5/8" drill collars. Drilled cement from 2423'-2640'. Pressure tested wellbore from 0'-2921' to 2300 psi. Lost a total of 50 psi in 30 minutes.

Utilizing foam, unloaded water from hole. Lowered bit to 2921'. Cleaned out frac sand from 2921'-3552'. Rigged up Capitan Corp. Perforated 6 squeeze holes, with one shot each at 3449', 3451', 3473', 3489', 3495' and 3499'. Acidized squeeze holes with 400 gal 15% MCA acid.

Set 6-5/8" EZ Drill Type -SV CICR at 3410' RKB. Cemented squeeze holes 3449'-3499' with 400 sx of 12.0 lb/gal foamed API Class-C cement containing 2% CaCl₂, at a rate of 2 BPM, followed by 200 sx of 14.8 lb/gal API Class-C cement containing 2% CaCl₂, at a rate of 3 BPM. TP max = 2400 psi. ISIP = 2190 psi.

Ran 5-7/8" bit and (6) - 4-5/8" drill collars. Drilled cement from 3410'-3500'. Cleaned out to 3552' RKB. Additional cement repair work completed 7-17-99.

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

Signed

Title Executive Assistant

Date 08/02/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any: