New Mexico ... 1625 N. ... Hobbs, NM ...

Form 3160-5
(June 1990)

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, TX 79701 (915) 684-4011

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
330' FNL & 1650' FEL (B) Section 7, T-20-S, R-37-E, NMPM

5. Lease Designation and Serial No.
LC 31621A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
~~H.~~ M. BRITT NO. 10

9. API Well No.
30-025-05997

10. Field and Pool, or Exploratory Area
MONUMENT BLINEBRY

11. County or Parish, State
LEA CO., NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Temporary Abandonment / Wellbore Repair	☐ 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 pertinet 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 markders and zones pertinent to this work.)*

In compliance with the BLM's notice of 7/24/2000, the following well operations, as described on page 2 of 4, 3 of 4 and 4 of 4 (attached hereto), have been performed corresponding to the H.M. Britt No. 10.

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7/11/01

cc: James A. Davidson

NMFU Partners: Conoco Inc.
Chevron USA Production Company
Arco Oil and Gas Company
BP Amoco Corporation
Apache Corporation

Burlington Resources
Union Texas

14. I hereby certify that the foregoing is true and correct
Signed Martha Starek Title Martha Starek, Production Analyst Date 07/09/01

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Details of Completed Operations

Moved in and rigged up well service unit. Pulled and laid down junk rods and junk 2-7/8" O.D. production tubing.

Ran 2-7/8" O.D., 6.5 lb/ft, N-80 work string, 5-1/2" Model "C" Packer, and 5-1/2" Model "C" RBP. Set RBP at 3014'. Pressure tested 5-1/2" O.D. casing, from 0' to 3014', to 1000 psi. Pressure held okay.

Bled gas pressure off of 8-5/8" O.D. casing and 13-3/8" O.D. casing.

Lowered and set 5-1/2" Model "C" RBP, at 4100'. Set 5-1/2" Model "C" Packer one joint above Model "C" RBP. Pressure tested Model "C" RBP, to 500 psi. Loaded 5-1/2" O.D. casing. Pulled 5-1/2" Model "C" Packer.

Rigged up Schlumberger. Logged well, from 3160' to 4100', with VDCBL-GR-CCL log. Found top of July, 1991 300-sx squeeze job, at 3490'. Found top of original 1954 cement job, at 3885' (cement top originally reported at 3280').

Ran and set 5-1/2" Model "C" Packer, at 3754'. Pressure tested 5-1/2" O.D. casing, from 3754' to 4100', to 500 psi. 15–sec SIP = 0 psi. Pumped into leak, at 1.5 BPM, at 1700 psi. 25-sec SIP = 0 psi.

Pressure tested 5-1/2" O.D. casing, from 0' to 3754', to 500 psi. Pressure held okay. Pulled 5-1/2" Model "C" Packer.

Perforated 5-1/2" O.D. casing, from 3470' to 3475', with (5) 0.44" x 23" squeeze holes. Acidized squeeze holes, from 3470' to 3475', with 650 gal of 15% NEFE acid. Did not achieve circulation, to surface, on outside of 5-1/2" O.D. casing.

Perforated 5-1/2" O.D. casing, from 3354' to 3388', with (10) 0.44" x 23" squeeze holes. Acidized squeeze holes, with 755 gal of 15% NEFE acid. Did not achieve circulation, to surface, on outside of 5-1/2" O.D. casing. Pulled 5-1/2" Model "C" Packer and 5-1/2" Model "C" RBP.

Perforated 5-1/2" O.D. casing, from 3268' to 3496', with (27) 0.44" x 23" squeeze holes.

Ran and set 5-1/2" O.D. packer, at 4100'. Performed injectivity test below packer (and into Blinebry perfs, from 5615' to 5700'), at 5 BPM, at 1600 psi. Pulled 5-1/2" Model "C" Packer.

Ran 5-1/2" Model "C" Packer and 5-1/2" Model "C" RBP. Acidized squeeze perfs, from 3268' to 3496' (42 holes), with 2350 gal of 15% NEFE acid and 70 ball scalers, at an average treating rate of 4.4 BPM and average treating pressure of 1300 psi. TPmx = 1500 psi.

Flushed acid with 130 bbls of water, at 5 BPM, at 500 psi. Achieved fluid returns out 8-5/8" x 5-1/2" casing annulus, after pumping 60 bbls of flush. First 10 bbls of returns consisted of oil and emulsion. Upon shutting down, well went on a hard vacuum. Pulled 5-1/2" Model "C" Packer and 5-1/2" Model "C" RBP.

Removed BOP and 5-1/2" x 2-7/8" tubinghead. Installed Halliburton cementing head. Squeeze cemented (down 5-1/2" O.D. casing), with 600 bbls (2800 sx) of cement slurry, consisting of 2200 sx of API Class "C" Neat cement and 600 sx of API Class "C" cement containing 2% $CaCl_2$, 3lb/sx Gilsonite, and 0.25 lb/sx Flocele.

After achieving circulation, of good quality cement, closed 8-5/8" x 5-1/2" annulus valve. Mixed and pumped remaining 310 bbls of cement slurry, at an average pump rate of 7 BPM and average wellhead pressure of 2000 psi.

Dropped wiper plug. Displaced cement to 3170', with 76 bbls of water. Final displacement rate was 1.6 BPM, at 3540 psi. ISIP = 3100 psi. 5–min SIP = 1740 psi. WOC, for 18 hours.

Ran 2-7/8" O.D. tubing and bottom-hole drilling assembly, consisting of 4-3/4" O.D. bit and (6) 3-1/2" O.D. drill collars. Drilled wiper plug, and cement, to 3480'.

Rigged up Schlumberger. Ran DS-CNL-GR-CCL log and followup VDCBL-GR-CCL log.

Ran 5-1/2" Model "C" Packer. Acidized squeeze perfs, from 3268' to 3480', with 1500 gal of 15% NEFE acid. Pulled 5-1/2" Model "C" Packer.

Rigged up Capitan Corporation wireline truck. Set 5-1/2" cementing packer, at 3247'.

Ran 2-7/8" O.D. tubing and cementing stinger. Pressured 5-1/2" O.D. casing, to 1500 psi. Cemented perfs, from 3268' to 3480', with an additional 565 sx of API Class "C" Neat cement. Displaced cement with 18.6 bbls of water. Final displacement rate was 0.2 BPM, at 4540 psi. Reversed out 1 bbl of cement.

Hooked pump truck to 13-3/8" x 8-5/8" casing annulus. Cemented previously-uncemented portion of 8-5/8" O.D. casing (0' to 700'), with 300 sx of API Class "C" cement. Final cementing pressure was 740 psi. Closed 13-3/8" x 8-5/8" annulus valve.

Tied pump truck to 5-1/2" O.D. casing. Pressure tested 5-1/2" O.D. casing, from 0' to 3247', to 2800 psi, for 35 minutes. Pressure held okay [Halliburton pressure chart (dated July 6, 2001) is herein enclosed].

Pulled and laid down 2-7/8" O.D. work string. Well now temporarily abandoned, pending evaluation of gas potential of the Yates-Seven Rivers portion of the Eumont Pool interval.

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