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MAY 15 9 11 AM '95

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
O. BOX 1980
DOBBS, NEW MEXICO 88040

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

5. Lease Designation and Serial No.
LC 034711

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Baylus Cade Federal #6

9. API Well No.

30-025-32720

10. Field and Pool, or Exploratory Area

Teague Simpson

11. County or Parish, State

Lea Co., NM

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

PLAINS PETROLEUM OPERATING COMPANY

3. Address and Telephone No.

415 WEST WALL, SUITE 1000, MIDLAND, TEXAS 79701

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

2000' FSL & 1700' FWL

Sec 35, T23S, R37E, Unit K

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 _____
- ☐ 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.)*

04-20-95 TD @ 4449', TIH open ended to 4200'. RU Western. Mix & spot 200 sx 'H' + 10% Thixset + 1% CaCl₂ + 10#/sx Gilsonite + 1/4#/sx celloseal. TOOH to 3000' & WOC. Attempt to fill hole w/no returns. TIH & tag @ 4284' w/DP.

04-21-95 14-1/4 hrs WOC. Mix & pump 200 sx 'H' + 10% Thixset + 1% CaCl₂ + 10#/sk Gilsonite + 1/4 #/sk celloseal. TOOH to 3000' & WOC. Attempt to fill hole w/no returns. Ordered 300 sx 'C' + 15% Thixset + 2% CaCl₂. TIH to 4270' & tagged. PU & mix 100 sx, spot balanced plug & TOOH to 3000'. WOC 1 hr. TIH & tag @ 4240'. PU & mix 100 sx, spot balanced plug & TOOH to 3000'. WOC 1 hr. TIH & tag @ 4235'. PU & began mixing cmt, pumped 3-1/2 BBLS & DP pressured up. RD Western. TOOH. Found btm 3 jts plugged with cmt. Filled hole with mud & hole circ'd. WOC 8 hrs.

J. Lara
6 1995

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

Signed Dominic J. Bazile Title Area Engineer

Date May 12, 1995

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Baylus Cade Federal #6
LC 034711
30-025-32720
2000' FSL & 1700' FWL
Sec 35, T23S, R37E, Unit K
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CARD

AREA

04-22-95 Drill cmt 4190' - 4420', lost returns. Shut down, mix pill & pump. Recover 20% - 30% returns. Pump @ 4485' increased to 80% returns. Lost approx 1200 BBL in last 24 hrs. Drlg w/90% - 95% returns.

04-23-95 Drlg w/70% - 90% returns. Lost 700 BBLs last 24 hrs.

04-24-95 Lost 1300 BBL last 24 hrs. Drlg w/70% returns.

04-25-95 Losing 70 BBLs/hr. Drlg w/70-80% returns.

04-26-95 Pick up to 4300' and mix 125 bbl plug w/cut brine water, 50 sx FW gel, 25 sx lime, spot at 4300'. TOH to csg shoe - wait 6 hrs. TIH, drill plug @ 4310'-4335' finish in hole, drill ahead w/95% returns.

04-27-95 Drilling w/100% returns - well loses 15-20 bbls on each connection.

04-28-95 Drilling w/100% returns - hole is static on connections.

05-01-95 DST #1 - Test interval 7405' - 7460', 55' test.

Surface Action - Open tool for 15 min pre-flow w/weak blow increased to btm bucket in 2-1/2 min. 2 psi in 5 min, open 1/4" choke, 7 psi in 10 min, 8 psi in 15 mins. Close in tool for 1 hr ISI. Btm hole recorder indicated ISIP 2285 psi after 60 mins. Reopen for 60 min. Final flow w/weak blow, 4" in 5 mins, btm bucket in 8-1/2 mins, open 1/4"choke, 4 psi in 10 mins, GTS in 19 mins (94 mins into test), 4 psi in 20 - 40 mins, 18-1/2 MCF, 3-1/2 psi in 45 - 60 mins, 17.1 MCF.

Recovery - 798' (5.7 BBL) recovered 2.8 BBLs mud & 2% oil. Recovered 2.9 BBLs formation water 2.9 BBLs. BHT 113°F, Chl 30,000 ppm, Rw .16 @ 60°F.

Sample Chamber - 1200 psi, 3.82 ft³/gas. 1400 cc water, Chl 30,000 ppm, Rw .16 @ 60°F, trace oil.

Pressure - IHYD 3377, FHYD 3419, PFP 269 - 207 psi in 15 mins, ISIP 1962 psi, FFP 311 - 331 psi in 60 mins, FSIP 2191 psi in 120 mins.