



## 28b. Production - Interval C

|                     |                          |                 |                 |         |         |           |                       |             |                   |
|---------------------|--------------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date                | Hours Tested    | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tubing Pressure Plwg. SI | Casing Pressure | 24 Hour Rate    | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |

## 28c. Production - Interval D

|                     |                          |                 |                 |         |         |           |                       |             |                   |
|---------------------|--------------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date                | Hours Tested    | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tubing Pressure Plwg. SI | Casing Pressure | 24 Hour Rate    | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, Etc. | Name       | Top Measured Depth |
|-----------|-----|--------|------------------------------|------------|--------------------|
|           |     |        |                              | Rustler    | 1306               |
|           |     |        |                              | Yates      | 2618               |
|           |     |        |                              | Queen      | 3440               |
|           |     |        |                              | Grayburg   | 3768               |
|           |     |        |                              | San Andres | 4032               |

32. Additional remarks (include plugging procedure):

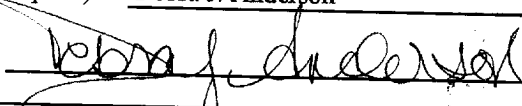
## 33. Mark enclosed attachments:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice / Plugging / Cement Verification
 ☐ Core Analysis
 ☒ Other Deviation Report / C-104 / C-102

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Debra J. AndersonTitle Sr. Engineering Technician

Signature

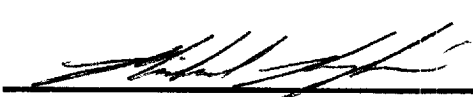

Date 1/8/2002

Title 18 U.S.C. Section 1001 and title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious fraudulent statements or representations as to any matter within its jurisdiction.

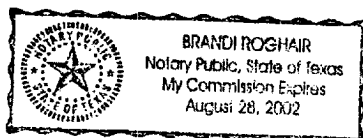
Apache Corporation  
Attn: Dennis Bickford  
2000 Post Oak, Suite 100  
Houston, Texas 77056

Hawk B-3 # 26  
Lea County, NM

|      |       |       |      |        |        |
|------|-------|-------|------|--------|--------|
| 470  | 4.70  | 3/4   | 1.31 | 6.17   | 6.17   |
| 994  | 9.94  | 3/4   | 1.31 | 13.05  | 13.05  |
| 1216 | 12.16 | 3/4   | 1.31 | 15.96  | 15.96  |
| 1709 | 17.09 | 1/2   | 0.88 | 14.95  | 14.95  |
| 2212 | 22.12 | 2     | 3.50 | 77.42  | 77.42  |
| 2306 | 23.06 | 2 3/4 | 4.81 | 110.98 | 110.98 |
| 2369 | 23.69 | 2 3/4 | 4.81 | 114.01 | 114.01 |
| 2401 | 24.01 | 2 3/4 | 4.81 | 115.55 | 115.55 |
| 2432 | 24.32 | 2 3/4 | 4.81 | 117.04 | 117.04 |
| 2463 | 24.63 | 2 1/2 | 4.38 | 107.76 | 107.76 |
| 2493 | 24.93 | 2 3/4 | 4.81 | 119.98 | 119.98 |
| 2563 | 25.63 | 2     | 3.50 | 89.71  | 89.71  |
| 2594 | 25.94 | 1 3/4 | 3.06 | 79.44  | 79.44  |
| 2626 | 26.26 | 1 1/4 | 2.19 | 57.44  | 57.44  |
| 2869 | 28.69 | 3/4   | 1.31 | 37.66  | 37.66  |
| 3295 | 32.95 | 1/4   | 0.44 | 14.42  | 14.42  |
| 3789 | 37.89 | 1     | 1.75 | 66.31  | 66.31  |
| 4450 | 44.50 | 2     | 3.50 | 155.75 | 155.75 |

  
Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 12<sup>th</sup> day of December, 2001 by Michael Roghair - General Manager, CapStar Drilling, Inc.



  
Notary Public

BUREAU OF LAND MGMT  
ROSWELL OFFICE

2002 JAN 11 AM 10:48

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240  
FORM APPROVED  
OMB NO. 1004-1037  
Expires: November 30, 2000

|   |  |                                    |                     |   |                      |  |                       |                   |                   |
|---|--|------------------------------------|---------------------|---|----------------------|--|-----------------------|-------------------|-------------------|
| 1a. Type of Well:<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other   |  |                                    |                     |   |                      | 6. If Indian, Allottee or Tribe Name   |                       |                   |                   |
| b. Type of Completion:<br><input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.<br><input type="checkbox"/> Other |  |                                    |                     |   |                      | 7. Unit or CA Agreement Name and No.   |                       |                   |                   |
| 2. Name of Operator<br>Apache Corporation   |  |                                    |                     |   |                      | 8. Lease Name and Well No.<br>Hawk B-3 # 26  |                       |                   |                   |
| 3. Address<br>2000 Post Oak Blvd, Ste. 100, Houston, Texas 77056-4400   |  |                                    |                     |   |                      | 9. API Well No.<br>30-025-35734  |                       |                   |                   |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface    3300' FSL & 1980' FEL, Lot 15   |  |                                    |                     |   |                      | 10. Field and Pool, or Exploratory<br>Penrose Skelly; Grayburg   |                       |                   |                   |
| At top prod. interval reported below  |  |                                    |                     |   |                      | 11. Sec., T., R., M., or Block and Survey or Area<br>Sec. 3, T-21S, R-37E  |                       |                   |                   |
| At total depth  |  |                                    |                     |   |                      | 12. County or Parish<br>Lea  |                       | 13. State<br>NM   |                   |
| 14. Date Spudded<br>11/27/01  |  | 15. Date T.D. Reached<br>12/06/01  |                     | 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Produce<br>12/19/01 |                      | 17. Elevations (DF, RKB, RT, GL) *<br>3466'    GL  |                       |                   |                   |
| 18. Total Depth: MD 4476<br>TVD   |  | 19. Plug Back T.D.: MD 4383<br>TVD |                     | 20. Depth Bridge Plug Set: MD<br>TVD  |                      |  |                       |                   |                   |
| 21. Type Electric & Other Mechanical Logs Run ( Submit copy of each )<br>GR-CNL / GR-DLL  |  |                                    |                     |   |                      | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy) |                       |                   |                   |
| 23. Casing and Liner Record (Report all strings set in well)  |  |                                    |                     |   |                      |  |                       |                   |                   |
| Hole Size   | Size/Grade                                 | Wt. (#/ft.)                        | Top (MD)            | Bottom (MD)   | Stage Cementer Depth | No. of Sks. & Type of Cement   | Slurry Vol. (BBL)     | Cement Top*       | Amount Pulled     |
| 12-1/4  | 8-5/8                                      | 24#                                | 0                   | 1218  |                      | 500  | 891 cu. ft.           | Surface           |                   |
| 7-7/8   | 5-1/2                                      | 17#                                | 0                   | 4476  |                      | 850  | 1493 cu. ft.          | Surface           |                   |
| 24. Tubing Record   |  |                                    |                     |   |                      |  |                       |                   |                   |
| Size  | Depth Set (MD)                             | Packer Depth (MD)                  | Size                | Depth Set (MD)  | Packer Depth (MD)    | Size   | Depth Set (MD)        | Packer Depth (MD) |                   |
| 2-7/8   | 4064                                       |                                    |                     |   |                      |  |                       |                   |                   |
| 25. Producing Intervals   |  |                                    |                     |   |                      |  |                       |                   |                   |
| Formation   | Top  | Bottom                             | Perforated Interval | Size  | No. Holes            | Perf Status  |                       |                   |                   |
| Grayburg  |  |                                    | 3914 - 4019         | 4"  | 269                  | Producing  |                       |                   |                   |
| 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.   |  |                                    |                     |   |                      |  |                       |                   |                   |
| Depth Interval  | Amount and Type of Material                |                                    |                     |   |                      |  |                       |                   |                   |
| 3914 - 4019   | Acidize w/ 3570 gals 15% HCL               |                                    |                     |   |                      |  |                       |                   |                   |
|   | Frac w/ 28500 gals gel & 60000# 16/30 sand |                                    |                     |   |                      |  |                       |                   |                   |
| 28. Production - Interval A   |  |                                    |                     |   |                      |  |                       |                   |                   |
| Date First Produced   | Test Date                                  | Hours Tested                       | Test Production     | Oil BBL   | Gas MCF              | Water BBL  | Oil Gravity Corr. API | Gas Gravity       | Production Method |
| 12/19/01  | 12/30/2001                                 | 24                                 | →                   | 63  | 97                   | 153  | 37.5                  |                   | Pumping           |
| Choke Size  | Tubing Pressure Flwg. SI                   | Casing Pressure                    | 24 Hour Rate        | Oil BBL   | Gas MCF              | Water BBL  | Gas : Oil Ratio       | Well Status       |                   |
|   |  |                                    | →                   |   |                      |  | 1540                  | Producing         |                   |
| 28a. Production - Interval B  |  |                                    |                     |   |                      |  |                       |                   |                   |
| Date First Produced   | Test Date                                  | Hours Tested                       | Test Production     | Oil BBL   | Gas MCF              | Water BBL  | Oil Gravity Corr. API | Gas Gravity       | Production Method |
|   |  |                                    | →                   |   |                      |  |                       |                   |                   |
| Choke Size  | Tubing Pressure Flwg. SI                   | Casing Pressure                    | 24 Hour Rate        | Oil BBL   | Gas MCF              | Water BBL  | Gas : Oil Ratio       | Well Status       |                   |
|   |  |                                    | →                   |   |                      |  |                       |                   |                   |

## 28b. Production - Interval C

| Date First Produced | Test Date                | Hours Tested    | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|--------------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                          |                 | →               |         |         |           |                       |             |                   |
| Choke Size          | Tubing Pressure Flwg. SI | Casing Pressure | 24 Hour Rate    | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |
|                     |                          |                 | →               |         |         |           |                       |             |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                | Hours Tested    | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|--------------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                          |                 | →               |         |         |           |                       |             |                   |
| Choke Size          | Tubing Pressure Flwg. SI | Casing Pressure | 24 Hour Rate    | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |
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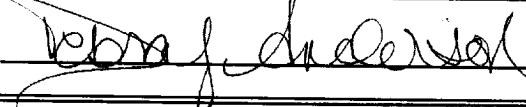
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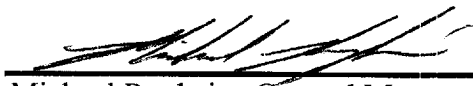

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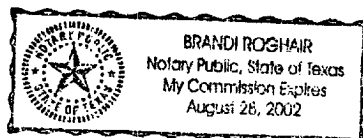
Apache Corporation  
Attn: Dennis Bickford  
2000 Post Oak, Suite 100  
Houston, Texas 77056

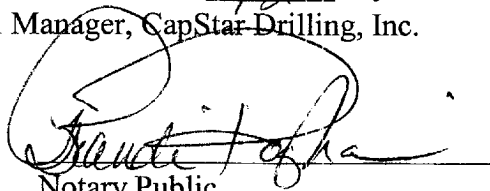
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Lea County, NM

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Michael Roghair - General Manager

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Notary Public

BUREAU OF LAND MANAGEMENT  
ROSWELL OFFICE

2002 JUN 11 AM 10:48

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