

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.

Hebbs, NM 88240

FORM APPROVED

OMB NO. 1004-1037

Expires: November 30, 2000

5. Lease Serial No.  
NM-90161

1a. Type of Well:

☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion:

☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
☐ Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Hawk B-1 #32

9. API Well No.

30-025-36158

10. Field and Pool, or Exploratory

Penrose Skelly; Grayburg

11. Sec., T., R., M., or Block and Survey or Area

Sec. 8, T-21S, R37E

12. County or Parish

Lea Co.

13. State

NM

2. Name of Operator

Apache Corporation

3. Address

6120 S. Yale, Suite 1500, Tulsa, OK 74136

3a. Phone No. (include area code)

918-491-4957

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1365' FSL, 1310' FWL, Unit I (NE/4, SE/4)

At top prod. interval reported below

E

At total depth

14. Date Spudded

2/22/2003

15. Date T.D. Reached

2/27/2003

16. Date Completed

☐ D & A

☒ Ready to Produce

03/17/03

17. Elevations (DF, RKB, RT, GL) \*

3517' GL

18. Total Depth:

MD 4200'

TVD

19. Plug Back T.D.:

MD 4153'

TVD

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & Other Mechanical Logs Run ( Submit copy of each )

DL/ML/GR, CZD-CNL-GR

22. Was well cored?

☒ No

☐ Yes (Submit analysis)

Was DST run?

☒ No

☐ Yes (Submit report)

Directional Survey?

☒ No

☐ 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        | 410         |                      | 325                          | 78                | Ci to surf  |               |
| 7-7/8     | 5-1/2      | 17#         | 0        | 4200        |                      | 750                          | 274               | Ci to surf  |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |

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 | 4058           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation | Top  | Bottom | Perforated Interval | Size | No. Holes | Perf Status |
|-----------|------|--------|---------------------|------|-----------|-------------|
| Grayburg  | 3740 |        | 3824-3996'          | 4"   | 168       | Producing   |
|           |      |        |                     |      |           |             |
|           |      |        |                     |      |           |             |
|           |      |        |                     |      |           |             |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material                 |
|----------------|---|
| 3824-3996'     | Acidized w/ 2.436 gals 15% HCL              |
|                |   |
|                | Frac w/ 38026 gals gel & 90,000# 20/40 sand |

ACCEPTED FOR RECORD

APR 29 2003

GARY COURLEY

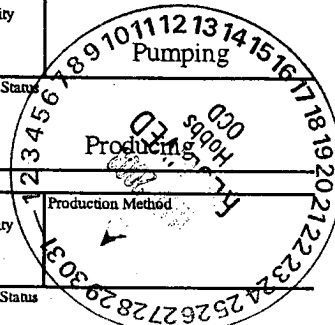
PETROLEUM ENGINEER

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 |
|---------------------|--------------------------|-----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 3/17/03             | 3/30/2003                | 24              | →               | 51      | 179     | 298       | 38.8                  |             | Pumping           |
| Choke Size          | Tubing Pressure Flwg. SI | Casing Pressure | 24 Hour Rate    | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |
|                     |                          |                 | →               |         |         |           | 3510                  |             | 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 |                   |
|                     |                          |                 | →               |         |         |           |                       |             |                   |



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## 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 |                   |
|                     |                          |                 | →               |         |         |           |                       |             |                   |

## 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      | 1304               |
|           |     |        |                              | Yates        | 2673               |
|           |     |        |                              | Seven Rivers | 2925               |
|           |     |        |                              | Queen        | 3467               |
|           |     |        |                              | Grayburg     | 3740               |
|           |     |        |                              | San Andres   | 4031               |

## 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 Rpt/NM-OCD C-104

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) Kara CodayTitle Sr. Engineering TechSignature Kara Coday

Date

4/14/2003

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.