

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029395B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.

2. Name of Operator
APACHE CORPORATION
Contact: FATIMA VASQUEZ
E-Mail: fatima.vasquez@apachecorp.com

8. Lease Name and Well No.
LEE FEDERAL 83

3. Address 303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 432-818-1015

9. API Well No.
30-015-41902-00-S1

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

At surface SWSE 865FSL 2125FEL 32.815184 N Lat, 103.890251 W Lon

At top prod interval reported below SWSE 865FSL 2125FEL 32.815184 N Lat, 103.890251 W Lon

At total depth SWSE 865FSL 2125FEL 32.815184 N Lat, 103.890251 W Lon

10. Field and Pool, or Exploratory
CEDAR LAKE

11. Sec., T., R., M., or Block and Survey
or Area Sec 20 T17S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
02/21/2014

15. Date T.D. Reached
03/04/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/16/2014

17. Elevations (DF, KB, RT, GL)*
3704 GL

18. Total Depth: MD
TVD 6417

19. Plug Back T.D.: MD
TVD 6370

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SBGR-CCL BHCS BHPL HI-RESLL CN HNGR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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 |
|-----------|-------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 H-40 | 48.0 | 0 | 405 | | 574 | | 0 | |
| 11.000 | 8.625 J-55 | 32.0 | 0 | 3526 | | 1830 | | 0 | |
| 7.875 | 5.500 J-55 | 17.0 | 0 | 6417 | | 950 | | 0 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 6331 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|------|--------|---------------------|-------|-----------|--------------|
| A) GLORIETA-YESO | 4849 | 6248 | 4849 TO 5412 | 1.000 | 25 | PRODUCING |
| B) | | | 5502 TO 6232 | 1.000 | 31 | PRODUCING |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 4849 TO 5412 | 177,828 GALS 20#, 216,039# SAND, 3696 GALS ACID, 4704 GALS GEL |
| 5502 TO 6232 | 218,526 GALS 20#, 273,213# SAND, 4758 GALS ACID, 4074 GALS GEL |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 04/16/2014 | 06/15/2014 | 24 | → | 71.0 | 94.0 | 293.0 | 37.1 | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | SI | | → | 71 | 94 | 293 | 1324 | POW | |

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 | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | SI | | → | | | | | | |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #252639 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

RECLAMATION
DUE 10-16-14

ABV
Already
in
system

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 | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. 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 | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. 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 |
|--------------|------|--------|------------------------------|--------------|-------------|
| | | | | | Meas. Depth |
| RUSTLER | 316 | 502 | SANDSTONE / ANHYDRITE | RUSTLER | 316 |
| YATES | 1602 | 1889 | SANDSTONE | YATES | 1602 |
| SEVEN RIVERS | 1889 | 2532 | DOLOMITE / ANHYDRITE | SEVEN RIVERS | 1889 |
| GRAYBURG | 2869 | 3304 | SS* / DOLOMITE - GAS & WATER | GRAYBURG | 2869 |
| GLORIETA | 4849 | 4912 | SANDSTONE - OIL, GAS & WATER | GLORIETA | 4849 |
| PADDOCK | 4912 | 5294 | DOLOMITE - OIL, GAS & WATER | PADDOCK | 4912 |
| BLINEBRY | 5294 | 6248 | DOLOMITE - OIL, GAS & WATER | BLINEBRY | 5294 |
| TUBB | 6248 | | SANDSTONE - OIL, GAS & WATER | TUBB | 6248 |

32. Additional remarks (include plugging procedure):

Attachments - Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 06/17/2014.

* SS - Sandstone

Ogallala - Water formation above Rustler - not logged.

Tansill Salt - Sandstone / Anhydrite - 502'-1502'.

Bottom Salt - Sandstone / Anhydrite - 1502'-1601'.

Queen - Sandstone / Dolomite - Gas - 2532'-2869'.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)

2. Geologic Report

3. DST Report

4. Directional Survey

5. Sundry Notice for plugging and cement verification

6. Core Analysis

7 Other:

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

Electronic Submission #252639 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/11/2014 (14DW0167SE)

Name (please print) FATIMA VASQUEZ

Title REGULATORY ANALYST II

Signature (Electronic Submission)

Date 07/11/2014

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 or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #252639 that would not fit on the form

32. Additional remarks, continued

San Andres - Carbonate - Oil, Gas & Water - 3304'-4849'.
Tubb - didn't drill far enough to get bottom depth of Tubb.