

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
AUG 14 2014

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 155

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐  
b. Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other OIL CONS. DIV DIST. 3

6. INDIAN ALLOTTEE OR TRIBE NAME  
Jicarilla Apache Tribe

7. UNIT AGREEMENT

2. Name of Operator

EnerVest Operating, LLC

AUG 15 2014

8. FARM OR LEASE NAME

Jicarilla Contract 155 #20M

3. Address

1001 Fannin Street, Suite 800 Houston, TX 77002

3a. Phone No. (include area code)

713-659-3500

9. API WELL NO.

30-039-31215-0002 - DDC 2

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

At surface

1201' FSL & 762' FWL Unit M, Sec. 29, T26N, R5W

At top prod. Interval reported below

At total depth

1275' FSL & 671' FWL, Unit M, Sec 29, T26N. R5W

10. FIELD NAME

Blanco Mesa Verde

11. SEC. T, R, M., OR BLOCK AND SURVEY

OR AREA Sec. 29, T26N, R5W, ULM

12. COUNTY OR PARISH

Rio Arriba County

13. STATE

NM

14. Date Spudded

4/22/2014

15. Date T.D. Reached

4/29/2014

16. Date Completed 08/12/2014

D & A ☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*

GL=6492', KB=6505'

18. Total Depth:

MD 7320'

TVD 7316'

19. Plug back T.D.:

MD 7275'

TVD 7271'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & other Logs Run (Submit a copy of each)

GR/CCL/CBL/RMT

(previously submitted electronically to OCD)

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 | Slurry Vol. (Bbl) | Cement Top* | Amount Pulled |
|-----------|---------------|-------------|----------|------------|----------------------|-----------------------|-------------------|-------------|---------------|
| 12 1/4"   | 8 5/8", J-55, | 24#         | 0        | 525'       |                      | 297 sx Type III cmt   | 73 1/2            | Surf (circ) |               |
| 7 7/8"    | 4 1/2 N-80    | 11.6#       | 0        | 7319'      |                      | 2241'/4141'           | 431               | CBL         |               |
|           |               |             |          |            | (log depth)          | (2422 cf.)            |                   |             |               |
|           |               |             |          |            |                      | Pr. Lite &            |                   |             |               |
|           |               |             |          |            |                      | Type III              |                   |             |               |
|           |               |             |          |            |                      | 3 stages              |                   |             |               |

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 3/8" | 7175'          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation     | Top   | Bottom | Perforated Interval | Size  | No. of Holes | Perf. Status |
|---------------|-------|--------|---------------------|-------|--------------|--------------|
| A) Mesa Verde | 4453' | 5515'  | 5052'-5215'         | 0.40" | 49           | Open         |
| B)            |       |        |                     |       |              |              |
| C)            |       |        |                     |       |              |              |
| D)            |       |        |                     |       |              |              |

26. Perforation Record

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 5052'-5215'    | 1,000 gl. 15% HCl w/balls, Frac w/ 112,000 gl 70-60%N2 foam and 153,080 #20/40 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 |
|---------------------|---------------------|--------------|-----------------|---------|---------|-----------|-----------------------|------------------|-------------------|
| 8/5/2014            | 8/9/2014            | 6            | →               | 0       | 52      | 3.3       |                       |                  | Flow-casing       |
| Choke Size          | Tbg. Press Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil Bbl | Gas MCF | Water Bbl | Gas: Oil Ratio        | Well Status      |                   |
| 62                  | N/A                 | 136          | →               | 0       | 206     | 13.2      |                       | Ready to produce |                   |

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 |                   |
|                     |                     |              | →               |         |         |           |                       |             |                   |

ACCEPTED FOR RECORD

AUG 14 2014

NMOCD

RV

FARMINGTON FIELD OFFICE  
BY: [Signature]

## 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: With TA C-104 while awaiting C-104 approvals.

## 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 |
| Ojo Alamo         | 2162' | 2417'  |                             | Cliffhouse    | 4453'          |
| Kirtland          | 2417' | 2692'  |                             | Point Lookout | 5015'          |
| Fruitland Coal    | 2692' | 2824'  |                             | Greenhorn     | 6917'          |
| Picture Cliffs    | 2824' | 2891'  |                             | Dakota        | 6998'          |
| Lewis Shale       | 2891' | 3706'  |                             |               |                |
| Chacra            | 3706' | 4453'  |                             |               |                |
| Cliffhouse        | 4453' | 4502'  |                             |               |                |
| Meneffee          | 4502' | 5015'  |                             |               |                |
| Point Lookout     | 5015' | 5515'  |                             |               |                |
| Mancos Regulatory | 5515' | 6181'  |                             |               |                |
| Gallup            | 6181' | 6917'  |                             |               |                |
| Greenhorn         | 6917' | 6973'  |                             |               |                |
| Graneros Shale    | 6973' | 6998'  |                             |               |                |
| Dakota            | 6998' | TD     |                             |               |                |

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey

☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

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

her Michelle DoescherTitle Regulatory Consultant

Signature

Michelle DoescherDate 8/14/2014

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.