FORM 3160-4
(April 2004)

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

AUG 26 2014

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

5. LEASE DESIGNATION AND SERIAL NO.
**Jicarilla Contract 155**

1a. Type of Well [ ] Oil Well [X] Gas Well [ ] Dry Other

b. Type of Completion [X] New Well [ ] Workover [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.

Other

6. INDIAN ALLOTTEE OR TRIBE NAME
**Jicarilla Apache**

7. UNIT AGREEMENT

RCVD AUG 27'14

2. Name of Operator
**Enervest Operating, LLC**

8. FARM OR LEASE NAME
OIL CONS. DIV.
RCVD AUG 27'14
**Jicarilla Contract 155 #23E**

3. Address
**1001 Fannin Street, Suite 800 Houston TX 77002**

3a. Phone No. *(include area code)*
**713-659-3500**

9. API WELL NO.
**30-039-31216-0001 - 00C1**

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

At surface
**UL M, 671' FSL & 671' FWL, Sec. 32, T26N, R5W**

At top prod. Interval reported below
**Same as SHL**

10. FIELD NAME
**Basin Dakota**

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
**Sec. 32, T26N, R5W, UL M**

12. COUNTY OR PARISH
**Rio Arriba**

13. STATE
**NM**

| 14. Date Spudded | 15. Date T.D. Reached | 16. Date Completed 08/25/2014 | 17. ELEVATIONS (DF, RKB, RT, GR, etc.)* |
|---|---|---|---|
| 5/2/2014 | 5/10/2014 | D & A X Ready to Prod. | GL: 6508', KB: 6521' |

| 18. Total Depth: | MD | 7280' | 19. Plug back T.D.: | MD | 7221' |
|---|---|---|---|---|---|
| | TVD | 7280' | | TVD | 7221' |

21. Type Electric & other Logs Run (Submit a copy of each)
**GR/CCL/CBL/RMT**
**(previously submitted electronically)**

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [X] 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 | 523' | | 297 sx TypeIII cmt | 73 1/2 | Surf (circ) | |
| 7 7/8" | 4 1/2", N-80 | 11.6# | 0 | 7271' | 2202/4100 | 1201 sx | 431 | CBL/circ | |
| | | | | | | (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" | 7083' | | | | | | | |

25. Producing Intervals

| | Formation | Top | Bottom |
|---|---|---|---|
| A) | Dakota | 6941' | 7280' |
| B) | Dakota | 6941' | 7280' |
| C) | | | |
| D) | | | |

26. Perforation Record

| Perforated Inteval | Size | No. of Holes | Perf. Status |
|---|---|---|---|
| 6944-6972 | 0.40" | 56 | Open |
| 7025'-7174' | 0.40" | 41 | Open |
| | | | |
| | | | |

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

| Depth Interval | Amount and Type of Material |
|---|---|
| 6944'-6972' | 750 gal.15% HCl, frac w/89,305# 20/40 sand and 95,256 gal. 20# gel |
| 7025'-7174' | 1000 gal. 15% HCl w/ balls, frac w/183,335# 20/40 sand and 202,230 gal. 20# 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 |
|---|---|---|---|---|---|---|---|---|---|
| 8/18/2014 | 8/23/2014 | 12 | → | 0 | 174 | 6 | | | Flowing |

| Choke Size | Tbg. Press Flwg. SI | Csg Press. | 24 Hr. Rate | Oil Bbl | Gas MCF | Water Bbl | Gas: Oil Ratio | Well Status |
|---|---|---|---|---|---|---|---|---|
| 64/64 | NA | 210 | → | 0 | 349 | 12 | | Ready to produce |

ACCEPTED FOR RECORD

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 |
|---|---|---|---|---|---|---|---|---|
| | | | → | | | | | |

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FARMINGTON FIELD OFFICE
BY: William Tambekou

* *See instructionsand spaces for additional data on page 2)*

NMOCD
FV

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 - TA C104**

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** | **2166'** | **2357'** | | **Cliffouse** | **4408'** |
| **Kirtland** | **2357'** | **2645'** | | **Point Lookout** | **4904'** |
| **Fruitland Coal** | **2645'** | **2754'** | | **Greenhorn** | **6865'** |
| **Pictured Cliffs** | **2754'** | **2838'** | | **Dakota** | **6941'** |
| **Lewis Shale** | **2838'** | **3637'** | | | |
| **Chacra** | **3637'** | **4408'** | | | |
| **Cliffhouse** | **4408'** | **4477'** | | | |
| **Menefee** | **4477'** | **4904'** | | | |
| **Point Lookout** | **4904'** | **5088'** | | | |
| **Mancos Regulatory** | **5404'** | **6108'** | | | |
| **Gallup** | **6108'** | **6865'** | | | |
| **Greenhorn** | **6865'** | **6916'** | | | |
| **Graneros Shale** | **6916'** | **6941** | | | |
| **Dakota** | **6941'** | TD | | | |

32. Additional remarks (include plugging procedure):

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

[X] Electrical/ Mechanical Logs (1 full set required) [ ] Geologic Report [ ] DST Report [ ] Directional Survey

[ ] Sundry Notice for plugging and cement verification [ ] Core Analysis [ ] Other: **previously submitted**

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) **Michelle Doescher** Title **Regulatory Consultant**

Signature Michelle Doescher Date **8/26/2014**

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.