

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

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

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 110

NOV 05 2012
Farmington Field Office
Bureau of Land Management

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other _____

b. Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff. Reservoir

Other Amended (see box 32 for remarks)

6. INDIAN ALLOTTEE OR TRIBE NAME
Jicarilla Apache Tribe

7. UNIT AGREEMENT

2. Name of Operator
EnerVest Operating, L.L.C.

8. FARM OR LEASE NAME
Jicarilla A #4M

3. Address 1001 Fannin Street Ste. 800, Houston, Tx 77002

3a. Phone No. (include area code) 713-495-5355

9. API WELL NO.
30-039-29928

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1,780' FSL & 580' FWL, Sec 19 T26N R05W (UL L)

10. FIELD NAME
Basin Dakota

11. SEC. T, R, M., OR BLOCK AND SURVEY OR AREA
Sec 19, T26N, R05W

At top prod. Interval reported below

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

At total depth Same (vertical well)

14. Date Spudded 7/7/2012

15. Date T.D. Reached 8/19/2012

16. Date Completed 08/28/2012
D & A ☒ Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)*
6612' G.L., 6625' K.B.

18. Total Depth: MD 7585'
TVD 7585'

19. Plug back T.D.: MD 7538'
TVD 7538'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & other Logs Run (Submit a copy of each)
CBL/GR/CC
GR/DEN/NEU Triple Combo

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"	9 5/8" J-55	36#	0	502'		225 sx Type III	55.70 bbl	Surface (circ)	
8 3/4"	7" J-55	23#	0	3227'	2436'	354 sx Type III	123.47 bbl	Surface (circ)	
6 1/4"	4 1/2" N-80	11.6#	0	7585'		317 sx Type III	114.57 bbl	3850' CBL	

RCVD NOV 30 '12
OIL CONS. DIV.
DIST. 3

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"	7411'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Basin Dakota	7227'		7230' - 7504'	0.40"	66	Open, producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7230' - 7258'	acidize w/17.9 bbls 15% HCL and 54 bio-balls, frac w/66,293# 20/40 mesh sand and 2,219 bbls of slickwater.
7364' - 7504'	acidize w/17.9 bbls 15% HCL and 54 bio-balls, frac w/132,522# 20/40 mesh sand and 3,715 bbls of slickwater.

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
10/18/2012	10/26/2012	8	→	2.5 bbl	198 mcf	15 bbl			Flowing
Choke Size	Tbg. Press	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
32/64	n/a	120 psi	→	7.5 bopd	593 mcf/d	45 bwpd		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	Tbg. Press	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						

* See instructions and spaces for additional data on page 2)

NOV 28 2012

NMOCD IV

FARMINGTON FIELD OFFICE
BY TL Salyers

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.	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.	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.)

Gas sold with "Test Allowable" C-104 using green completion

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
Mesa Verde	4317'	4668'	Sandstone/Shale	Menefee	4741'
Cliffhouse	4668'	4741'	Sandstone	Point Lookout	5239'
Menefee	4741'	5239'	Sandstone/Shale	Dakota	7227'
Point Lookout	5239'	5423'	Sandstone		
Base Point Lookout/ Top Mancos	5423'	6399'	Shale/Sandstone		
Gallup	6399'	7145'	Sandstone		
Greenhorn	7145'	7200'	Limestone		
Graneros	7200'	7227'	Sandstone		
Dakota	7227'		Sandstone		

32. Additional remarks (include plugging procedure):

The following list contains shallow formation top picks from the well logs of the subject well based on correlations to nearby well control.

Olo Alamo	2390'	2623'	Pictured Cliffs	2989'	3099'
Kirtland	2623'	2823'	Lewis Shale	3099'	3907'
Fruitland	2823'	2989'	Chacra Sand	3907'	4317'

Amended Box # 11: previous form dated 10/30/2012 read "S 30 T 26N R 05W", corrected to "S 19 T 26N R 05W"

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

<input checked="" type="checkbox"/> Electrical/ Mechanical Logs (1 full set required)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input checked="" type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input type="checkbox"/> Other:	

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) Bart Trevino

Title Regulatory Analyst

Signature



Date 11/2/2012

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.

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Jicarilla Contract 110

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Other

b. Type of Completion

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

Other

Amended (see box 32 for remarks)

6. INDIAN ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT

2. Name of Operator

EnerVest Operating, L.L.C.

8. FARM OR LEASE NAME

Jicarilla A #4M

3. Address

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3a. Phone No. (include area code)

713-495-1563

9. API WELL NO.

30-039-29928

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

At surface

1,780' FSL & 580' FWL, Sec 19 T26N R05W (UL L)

At top prod. Interval reported below

At total depth

Same (vertical well)

10. FIELD NAME

Blanco Mesaverde

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

Sec 19 T26N R05W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

14. Date Spudded

7/7/2012

15. Date T.D. Reached

8/19/2012

16. Date Completed 08/28/2012

D & A x Ready to Prod.

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

6612' G.L., 6625' K.B.

18. Total Depth:

MD

7585'

TVD

7585'

19. Plug back T.D.:

MD

7538'

TVD

7538'

20. Depth Bridge Plug Set:

MD

TVD

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

CBL/GR/CC

GR/DEN/NEU Triple Combo

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)

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12 1/4"	9 5/8" J-55	36#	0	502'		238 sx Type III	55.70 bbl	Surface (circ)	
8 3/4"	7" J-55	23#	0	3227'	2436'	366 sx Type III	123.47 bbl	Surface (circ)	
6 1/4"	4 1/2" N-80	11.6#	0	7585'		310 sx Type III	114.57 bbl	3850' CBL	

RCUD NOV 30 '12
OIL CONS. DIV.
DIST. 3

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"	7411'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Blanco Mesa Verde	4317'	5423'	5244' - 5418'	0.40"	38	Open, producing
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5244' - 5418'	acidize w/18 bbls 15% HCL & 79 bio-balls, frac w/147,222# 20/40 mesh sand and 885 bbls of gelwater, foam with 1,564 MSCF N2 @ 60 bpm foam rate.

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
10/15/2012	10/18/2012	8	→	7.5 bbl	113 mcf	7			Flowing
Choke Size	Tbg. Press	Csg. Press. Flwg.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
32/64	n/a	100 psi	→	22.5 bopd	340 mcf	21 bwpd		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	Tbg. Press	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
			→						

* See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

NOV 28 2012

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BY TL Salyers

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.	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.	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.)

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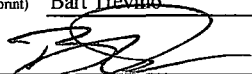
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