

**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 102

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

6. INDIAN ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT

RCVD SEP 7 '12
OIL CONS. DIV.

2. Name of Operator

EnerVest Operating, L.L.C.

SEP 07 2012

Farmington Field Office

3. Address

1001 Fannin Street Ste. 800, Houston, Tx 77002

Bureau of Land Management
Phone No. (include area code)
713-495-5355

8. FARM OR LEASE NAME

DIST. 3

Jicarilla Apache 102 #7N

9. API WELL NO

30-039-30068

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

At surface

845' FNL & 1980' FWL, Sec 03 T26N R04W (UL C)

At top prod. Interval reported below

At total depth

Same (vertical well)

10. FIELD NAME

Basin Dakota

11. SEC. T, R, M., OR BLOCK AND SURVEY
OR AREA Sec 03, T26N, R04W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

NM

14. Date Spudded

6/27/2012

15. Date T.D. Reached

7/9/2012

16. Date Completed 08/28/2012

D & A X Ready to Prod.

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

7203' GL ; 7214' KB

18. Total Depth:

MD

8410'

TVD

8410'

19. Plug back T.D.:

MD

8380'

TVD

8380'

20. Depth Bridge Plug Set:

MD

TVD

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

GR/CCL/CBL

GR/DEN/NEU/RES

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	513'		225 sx Type III	56 bbls	Surf (circ)	
8 3/4"	7" J-55	23#	0	4182'	3633'	404 sx Type III	160 bbl	Surf (circ)	
6 1/4"	4 1/2" P-110	11.6#	0	8398'		510 sx Type III	184 bbl	1000' (CBL)	

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"	8307"							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf. Status
A) Dakota			8178' - 8330'	0.40"	34	Open, producing
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8178' - 8330'	861 gal. 15% HCL and 60 0.875" Bio Sealers, frac w/104406# 20/40 mesh sand and 3585 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
8/21/2012	8/24/2012	24	→	76	217	73			Flowing, rate calc from Dak/MV flow test using subtraction method
Choke Size	Tbg. Press Flwg. SI	NA Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	Producing
32/64		180	→	76	217	73			

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	
			→						

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

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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	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.)

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

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	3649'		Sandstone / water	Pictured Cliffs	3969'
Pictured Cliffs	3969'	4082'	Sandstone / gas and water	Point Lookout	6160'
Lewis	4082'	5670'	Shale	Greenhorn	8092'
Mesa Verde	5670'	6248'	Sandstone / shale / gas	Dakota	8185'
Mancos	6248'	8092'	Shale / sandstone gas and oil		
Dakota	8092'	8185'	Sandstone / Gas and Oil		

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)*

Name (please print) Loren Diede

Title Contract Agent

Signature



Date 9/6/2012

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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At surface

845' FNL & 1980' FWL, Sec 03 T26N R04W (UL C)

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 03, T26N, R04W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

14. Date Spudded

6/27/2012

15. Date T.D. Reached

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18. Total Depth:

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TVD 8410'

19. Plug back T.D.:

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TVD 8380'

20. Depth Bridge Plug Set:

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Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	8307"							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Mesa Verde	5670'	6248'	5749' - 6236'	0.40"	66	Open, producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5749' - 5780'	750 gal 15% HCL, frac w/76466# 20/40 mesh sand and 2401 bbls N2 foam;
6150' - 6236'	750 gal 15% HCL, frac w/122170# of 20/40 mesh sand and 3179 bbls N2 foam

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
8/17/2012	8/19/2012	24	→	0	825	39			Flowing
Choke Size	Tbg. Press Flwg. SI	NA	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status
32/64	SI	NA	160	→	0	825	39		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 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 page 2)

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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	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	

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