

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
AUG 04 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 110

1a. Type of Well  Oil Well  Gas Well  Dry  Other \_\_\_\_\_

1b. Type of Completion  New Well  Workover  Deepen  Plug Back  Diff. Resvr.

Other \_\_\_\_\_

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 #1M

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

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

9. API WELL NO.  
30-039-31172-0001

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

At surface  
1807' FSL & 2527' FWL, Sec 18, T26N, R05W (UL K)

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 18, T26N, R05W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

14. Date Spudded  
5/11/2014

15. Date T.D. Reached  
5/20/2014

16. Date Completed 08/01/2014  
D & A  Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
6616' GL; 6629' KB

18. Total Depth: MD 7615' TVD 7615'

19. Plug back T.D.: MD 7574' TVD 7574'

20. Depth Bridge Plug Set: MD TVD

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

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 Cements 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 Type III	74 bbls	Surf (circ)	
7 7/8"	4 1/2" N-80	11.6#	0	7615'	2532'/4432'	1227 sx Type III It	338 bbls	Surf (circ)	

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"	7448'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Dakota			7313' - 7359'	0.40"	35	Open, producing
B) Dakota			7445' - 7540'	0.40"	38	Open, producing
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
7313' - 7359'	1000 gals 15% HCl, frac w/187351 # 20/40 mesh sand and 184234 gals 20# gel
7445' - 7540'	1000 gals 15% HCl, frac w/71593 # 20/40 mesh sand and 76003 gals 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
7/16/2014	7/27/2014	9	→	0	59	21			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	170	185	→	0	157	56		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	
			→						

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

NMOOD A

ACCEPTED FOR RECORD  
AUG 04 2014  
FARMINGTON FIELD OFFICE  
BY: J.L. Salinas

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 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
Ojo Alamo	2448'		sandstone	Pictured Cliffs	3052'
Kirtland	2683'		sandstone/shale	Cliffhouse	4394'
Fruitland	2913		coal	Point Lookout	5300'
Pictured Cliffs	3052'		sandstone	Dakota	7310'
Lewis Shale	3133'		shale		
Chacara	3986'		sandstone		
Cliffhouse	4394'		sandstone		
Menefee	4809'		sandstone/shale		
Point Lookout	5300'		sandstone		
Mancos	5460'		shale (regulatory top 5800')		
Gallup	6484		sandstone/shale		
Greenhorn	7225'		limestone		
Graneros	7284'		shale		
Dakota	7310'		sandstone		

32. Additional remarks (include plugging procedure):  
 ( Directional Survey and well logs previously submitted)  
*Production determined by WHL prorated %*

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:    well logs

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 8/4/2014

Title 18 U.S.C. Section 1007 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.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

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1b. Type of Completion  New Well  Workover  Deepen  Plug Back  Diff. Resrv.

Other \_\_\_\_\_ **OIL CONS. DIV DIST. 3**

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 #1M

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

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

9. API WELL NO.  
30-039-31172-0002

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

At surface 1807' FSL & 2527' FWL, Sec 18, T26N, R05W (UL K)

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 18, T26N, R05W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

14. Date Spudded 5/11/2014

15. Date T.D. Reached 5/20/2014

16. Date Completed 08/01/2014  
D & A  Ready to Prod.

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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	523'		297 sx Type III	74 bbls	Surf (circ)	
7 7/8"	4 1/2" N-80	11.6#	0	7615'	2532/4432'	1227 sx Type III lt	338 bbls	Surf (circ)	

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"	7448'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Mesa Verde			4782' - 5141'	0.40"	70	Open, producing
B) Mesa Verde			5179' - 5240'	0.40"	44	Open, producing
C) Mesa Verde			5318' - 5459'	0.40"	45	Open, Producing
D)						

26. Perforation Record

Perforated Interval	Size	No. of Holes	Perf. Status
4782' - 5141'	0.40"	70	Open, producing
5179' - 5240'	0.40"	44	Open, producing
5318' - 5459'	0.40"	45	Open, Producing

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

Depth Interval	Amount and Type of Material
4782' - 5141'	1000 gal 15% HCL, frac w/220153# 20/40 mesh sand and 153455 gals 70 - 60% N2 foam.
5179' - 5240'	1000 gals 15% HCL, frac w/144640# of 20/40 mesh sand and 90224 gals 70-60% N2 foam.
5318' - 5459'	1000 gals 15% HCL, frac w/161800# of 20/40 mesh sand and 105832 gals 70-60% 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
7/16/2014	7/27/2014	9	→	0	108	23			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	170	185	→	0	288	61		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 04 2014**  
FARMINGTON FIELD OFFICE  
BY: TL Sellers

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**WMOCD**

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.)

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Cliffhouse	4394'		sandstone		
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Mancos	5460'		shale (regulatory top 5800')		
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  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:     
 well logs

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 8/4/2014

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