

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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 109

APR 19 2013

1a. Type of Well  Oil Well  Gas Well  Dry  Other \_\_\_\_\_  
 b. Type of Completion  New Well  Workover  Deepen  Plug Back  Other \_\_\_\_\_  
 Other plug back Dakota (amended box 18, 19, 32)

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 B #4E

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

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

9. API WELL NO.  
30-039-22293

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 940' FSL & 880' FEL, Sec. 21 T26N R05W (UL P)

10. FIELD NAME  
Basin Dakota

11. SEC. T, R, M., OR BLOCK AND SURVEY OR AREA  
Sec. 21 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 10/21/1980	15. Date T.D. Reached 11/3/1980	16. Date Completed 3/8/13 D & A Ready to Prod.
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17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
6536' GR

18. Total Depth:	MD 7495'	19. Plug back T.D.:	MD 5495'	20. Depth Bridge Plug Set:	MD
	TVD 7495'		TVD 5495'		TVD

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

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" K-55	36#	0	296'		275 sxs		Surf (circ)	
7 7/8"	4 1/2"	10.5# & 11.6#	0	7494'		1697 sxs			

RCUD APR 24 '13  
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)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A)						
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	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	Producing
			→						

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

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FARMINGTON FIELD OFFICE  
BY T. L. 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. 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.)

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
Kirtland	1382'	1751'		Point Lookout	5087'
Fruitland Coal	1751'	2856'			
Pictured Cliffs	2856'	3050'			
Lewis Shale	3050'	4622'			
Cliffhouse	4622'	4807'			
Menefee	4807'	5087'			
Point Lookout	5087'	5350'			
Mancos	5350'	5800'			
Gallup	5800'	6898'			
Graneros	6898'	7007'			
Dakota	7007'				

32. Additional remarks (include plugging procedure):

Pump cmt plugs to plug back Dakota, and isolate Gallup & Mancos: 9.59 cu.ft cmt from ~ 6943' - 7050' estimated (Dakota), 18 cu.ft cmt from 6020' - 6220' estimated (Gallup). CBP @ 5700' , cmt 26 cu.ft. from 5408' - 5699' estimated. Tag PBD/TOC w/rig @ 5495' on 3/19/13.

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) Bart Trevino

Title Regulatory Analyst

Signature

Cami Campbell / Bart Trevino

Date 4/19/2013

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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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0137  
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 109

APR 19 2013

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

Farmington Field Office

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

Bureau of Land Management

6. INDIAN ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

Other add perms & complete Mesaverde (amended Box 19)

7. UNIT AGREEMENT

2. Name of Operator

EnerVest Operating, L.L.C.

8. FARM OR LEASE NAME

Jicarilla B #4E

3. Address

1001 Fannin Street Ste. 800, Houston, Tx 77002

3a. Phone No. (include area code)

713-495-5355

9. API WELL NO.

30-039-22293

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

At surface

940' FSL & 880' FEL, Sec. 21 T26N R05W (UL P)

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. 21 T26N R05W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

14. Date Spudded

10/21/1980

15. Date T.D. Reached

11/3/1980

16. Date Completed 3/25/2013

D & A  Ready to Prod.

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

6536' GR

18. Total Depth:

MD 7495'  
TVD 7495'

19. Plug back T.D.:

MD 5495'  
TVD 5495'

20. Depth Bridge Plug Set:

MD  
TVD

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

GR/CCL/CBL

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" K-55	36#	0	296'		275 sxs		Surf (circ)	
7 7/8"	4 1/2"	10.5# & 11.6#	0	7494'		1697 sxs			

RCVD APR 24 '13  
OIL CONST. 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"	5311'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Mesaverde			5090' - 5318'	0.40"	26	Open, producing
B)						
C)						
D)						

27. Acid Fracture Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5090' - 5318'	750 gal 15% HCL w/29 biosealers. Frac w/67308# 20/40 brown sand, 20436# 20/40 SLC sand, and 850 bbls 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
3/25/2013	3/17/2013	8	→	0	105.667	8			Flowing
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
8/64"	n/a	900	→	0	317	24		Producing	

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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.	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	SI		→						

APR 23 2013

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BY TL Salyers

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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.)

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
Kirtland	1382'	1751'		Point Lookout	5087'
Fruitland Coal	1751'	2856'			
Pictured Cliffs	2856'	3050'			
Lewis Shale	3050'	4622'			
Cliffhouse	4622'	4807'			
Menefee	4807'	5087'			
Point Lookout	5087'	5350'			
Mancos	5350'	5800'			
Gallup	5800'	6898'			
Graneros	6898'	7007'			
Dakota	7007'				

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) Bart Trevino

Title Regulatory Analyst

Signature

Cami Campbell / Bart Trevino

Date 4/19/2013

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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DEPARTMENT OF THE INTERIOR  
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OMB NO. 1004-0137  
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

APR 15 2013

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 109

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

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

Other add perms & complete Mesaverde (amended Box 16)

Farmington Field Office  
Bureau of Land Management

INDIAN ALLOTTEE OR TRIBE NAME  
Jicarilla Apache Tribe

7. UNIT AGREEMENT  
RCVD APR 18 '13  
OIL CONS. DIV.

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

8. FARM OR LEASE NAME  
DIST. 3  
Jicarilla B #4E

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

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

9. API WELL NO.  
30-039-22293

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 940' FSL & 880' FEL, Sec. 21 T26N R05W (UL P)  
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. 21 T26N R05W  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
NM

14. Date Spudded  
10/21/1980

15. Date T.D. Reached  
11/3/1980

16. Date Completed 3/25/2013  
D & A x Ready to Prod.  
17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
6536' GR

18. Total Depth: MD 7495'  
TVD 7495'

19. Plug back T.D.: MD 7461'  
TVD 7461'

20. Depth Bridge Plug Set: MD  
TVD

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

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. (#/R)	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" K-55	36#	0	296'		275 sxs		Surf (circ)	
7 7/8"	4 1/2"	10.5# & 11.6#	0	7494'		1697 sxs			

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"	5311'							

25. Producing Intervals

Formation	Top	Bottom
A) Mesaverde		
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. of Holes	Perf. Status
5090' - 5318'	0.40"	26	Open, producing

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

Depth Interval	Amount and Type of Material
5090' - 5318'	750 gal 15% HCL w/29 biosealers. Frac w/67308# 20/40 brown sand, 20436# 20/40 SLC sand, and 850 bbls 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
3/25/2013	3/17/2013	8	→	0	105.667	8			Flowing
Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
8/64"	n/a	900	→	0	317	24		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.	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
	S1		→						

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APR 16 2013

FARMINGTON FIELD OFFICE

\* 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 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
Kirtland	1382'	1751'		Point Lookout	5087'
Fruitland Coal	1751'	2856'			
Pictured Cliffs	2856'	3050'			
Lewis Shale	3050'	4622'			
Cliffhouse	4622'	4807'			
Menefee	4807'	5087'			
Point Lookout	5087'	5350'			
Mancos	5350'	5800'			
Gallup	5800'	6898'			
Graneros	6898'	7007'			
Dakota	7007'				

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) Bart Trevino Title Regulatory Analyst

Signature \_\_\_\_\_ Date 4/15/2013

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT **APR 10 2013**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**  
**Farmington Field Office**

5. LEASE DESIGNATION AND SERIAL NO.  
Jicarilla Contract 109

Bureau of Land Management

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

1b. Type of Completion  New Well  Workover  Deepen  Plug Back  Diff. Resvr.  
Other add perms & complete Mesaverde

6. INDIAN ALLOTTEE OR TRIBE NAME  
Jicarilla Apache Tribe

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

7. UNIT AGREEMENT  
*Report To Lease*

3. Address 1001 Fannin Street Ste. 800, Houston, Tx 77002  
3a. Phone No. (include area code) 713-495-5355

8. FARM OR LEASE NAME  
Jicarilla B #4E

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 940' FSL & 880' FEL, Sec. 21 T26N R05W (UL P)  
At top prod. Interval reported below  
At total depth Same (vertical well)

9. API WELL NO.  
30-039-22293-0052

10. FIELD NAME  
Blanco Mesaverde  
11. SEC. T, R, M, OR BLOCK AND SURVEY OR AREA  
Sec. 21 T26N R05W  
12. COUNTY OR PARISH Rio Arriba 13. STATE NM

14. Date Spudded 10/21/1980  
15. Date T.D. Reached 11/3/1980  
16. Date Completed 3/27/2013  
D & A  Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
6536' GR

18. Total Depth: MD 7495' TVD 7495'  
19. Plug back T.D.: MD 7461' TVD 7461'  
20. Depth Bridge Plug Set: MD 7461' TVD 7461'

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

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
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7 7/8"	4 1/2"	10.5# & 11.6#	0	7494'		1697 sxs			

**RCVD APR 12 '13**  
**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"	5311'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
Mesaverde			5090' - 5318'	0.40"	26	Open, producing
A)						
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5090' - 5318'	750 gal 15% HCL w/29 biosealers. Frac w/67308# 20/40 brown sand, 20436# 20/40 SLC sand, and 850 bbls slickwater.

28. Production- Interval A

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Choke Size	Tbg. Press Flwg.	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
8/64"	n/a	900	→	0	317	24		Producing	

**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.	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	

**FARMINGTON FIELD OFFICE**  
**BY William Tambekou**

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

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. Corod 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
Kirtland	1382'	1751'		Point Lookout	5087'
Fruitland Coal	1751'	2856'			
Pictured Cliffs	2856'	3050'			
Lewis Shale	3050'	4622'			
Cliffhouse	4622'	4807'			
Menefee	4807'	5087'			
Point Lookout	5087'	5350'			
Mancos	5350'	5800'			
Gallup	5800'	6898'			
Graneros	6898'	7007'			
Dakota	7007'				

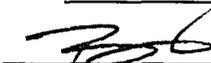
32. Additional remarks (include plugging procedure):

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) Bart Trevino Title Regulatory Analyst

Signature  Date 4/8/2013

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

APR 10 2013

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 109

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

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

Other plug back Dakota, complete as single (Mesaverde) well

Farmington Field Office  
Bureau of Land Management  
INDIAN ALLOTTEE OR TRIBE NAME  
Jicarilla Apache Tribe

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

7. UNIT AGREEMENT

8. FARM OR LEASE NAME

Jicarilla B #4E

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

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

9. API WELL NO.  
30-039-22293

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 940' FSL & 880' FEL, Sec. 21 T26N R05W (UL P)

10. FIELD NAME  
Basin Dakota  
11. SEC. T, R, M., OR BLOCK AND SURVEY OR AREA  
Sec. 21 T26N R05W

At top prod. Interval reported below

12. COUNTY OR PARISH 13. STATE

At total depth Same (vertical well)

Rio Arriba NM

14. Date Spudded 10/21/1980  
15. Date T.D. Reached 11/3/1980  
16. Date Completed 3/8/13  
D & A Ready to Prod.

17. ELEVATIONS (DF, RKB, RT, GR, etc.)\*  
6536' GR

18. Total Depth: MD 8410' TVD 8410'  
19. Plug back T.D.: MD 5495' TVD 8380'

20. Depth Bridge Plug Set: MD TVD

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

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" K-55	36#	0	296'		275 sxs		Surf (circ)	
7 7/8"	4 1/2"	10.5# & 11.6#	0	7494'		1697 sxs			

RCVD APR 12 '13  
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)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A)						
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas	Water	Gas: Oil Ratio	Well Status	Producing
			→						

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	
			→						

APR 10 2013

FARMINGTON FIELD OFFICE  
BY William Tambekou

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

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.)

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.

Formation	Top	Bottom	Descriptions Contents, Etc.	Name	Top
					Measured Depth
Kirtland	1382'	1751'		Point Lookout	5087'
Fruitland Coal	1751'	2856'			
Pictured Cliffs	2856'	3050'			
Lewis Shale	3050'	4622'			
Cliffhouse	4622'	4807'			
Menefee	4807'	5087'			
Point Lookout	5087'	5350'			
Mancos	5350'	5800'			
Gallup	5800'	6898'			
Graneros	6898'	7007'			
Dakota	7007'				

31. Formation (Log) Markers:

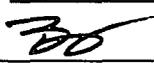
32. Additional remarks (include plugging procedure):

Pump cmt plugs to plug back Dakota, and isolate Gallup & Mancos: 9.59 cu.ft cmt from 6943' - 7050' (Dakota), 18 cu.ft cmt from 6020' - 6220' (Gallup). CBP @ 5700', cmt 26 cu.ft. from 5408' - 5699'.

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

- Electrical/ Mechanical Logs (1 full set required)
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  DST Report
  Directional Survey  
 Sundry Notice for plugging and cement verification
  Core Analysis
  Other:

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