

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.

FEB 05 2013

Jicarilla Contract 110

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

Other

**Farmington Field Office  
Bureau of Land Management**

6. INDIAN ALLOTTEE OR TRIBE NAME

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

Jicarilla Apache Tribe

Other amended box 24 (setting depth)

7. UNIT AGREEMENT

Report to Lease

2. Name of Operator

EnerVest Operating, L.L.C.

8. FARM OR LEASE NAME

Jicarilla A #5E

3. Address

1001 Fannin Street Ste. 800, Houston, Tx 77002

3a. Phone No. (include area code)

713-495-5355

9. API WELL NO.

30-039-22583 - 0662

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

At surface

1560' FSL &amp; 1610' FEL (UL J)

Sec. 20 T26N R05W

10. FIELD NAME

Blanco Mesaverde

At top prod. Interval reported below

11. SEC. T, R, M, OR BLOCK AND SURVEY  
OR AREA Sec. 20 T26N R05W

At total depth

Same (vertical well)

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

14. Date Spudded

7/11/1981

15. Date T.D. Reached

7/27/1981

16. Date Completed: 1/24/13

D &amp; A x Ready to Prod

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

6582' GL, 6595' KB

18. Total Depth:

MD

7494'

TVD

7494'

19. Plug back T.D.:

MD

7456'

TVD

7456'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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	345'				Surf (circ)	
7 7/8"	5 1/2" K-55/N-80	17#	0	5599'				Surf (circ)	
7 7/8"	5 1/2" N-80	23#	5599'	7494'				5060' (CBL)	

RCVD FEB 8 '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"	7389'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. of Holes	Perf. Status
A) Mesaverde	4695'	5385'	5134' - 5332'	0.40"	40	Open, producing
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4167' - 4382'	cmt sqz casing leak; 5 bbl balanced cmt plug & sqz 0.7 bbls Type III cmt
4504' - 4768'	cmt sqz casing leak; 9.5 bbl balanced cmt plug & sqz 6 bbls Type III cmt
5134' - 5332'	acidize w/19.8 bbls 15% KCL, frac w/80,256# 20/40 mesh sand & 446 bbls gelwater, & foam w/807.1 N2 MSCF @ 36.3 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
1/14/2013	1/20 & 1/21/13	8	→	0	60.3	0			Flowing
Choke Size	Tbg. Press	Csg. Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas: Oil Ratio	Well Status	
20/64"	N/A	95	→	0	181	0		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	
			→						

ACCEPTED FOR RECORD

FEB 06 2013

FARMINGTON FIELD OFFICE  
BY William Tambekou

## 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
Nacimiento	0	1060'	sand, shale	Menefee	4808'
Ojo Alamo	1060'	1610'	sand, shale	Point Lookout	5191'
Fruitland	1610'	2400'	shale		
Kirtland	2400'	2680'	water, sand, gas		
Pictured Cliffs	2680'	3060'	water, sand, gas		
Lewis Shale	3060'	4695'	shale		
Cliffhouse	4695'	4808'	sand, water		
Menefee	4808'	5191'	sand, shale, water		
Point Lookout	5191'	5385'	sand		
Mancos	5385'	5875'	shale		
Gallup	5875"	7150	sand, water		
Graneros	7150'	7175'	shale		
Dakota	7175'		sand, gas		

## 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 TrevinoTitle Regulatory AnalystSignature Date 2/4/2013

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

JAN 25 2011

FORM APPROVED

OMB NO. 1004-0137

Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RT AND LOG  
Farmington Field Office

LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 110

[illegible]

\* See instructions and sources for adjusted data on page 21.

MMOCD A

**PARMINGTON FIELD OFFICE**  
FBI

## 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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Mancos	5385'	5875'	shale		
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Name (please print) Bart TrevinoTitle Regulatory Analyst

Signature

Bonita Trevino for Bart TrevinoDate 1/25/2013

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