

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 23 2013

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
 Other: _____

2. Name of Operator: EnerVest Operating, L.L.C.
 8. Lease Name and Well No.: Jicarilla A #2F

3. Address: 1001 Fannin Street, Ste. 800, Houston, TX 77002
 3a. Phone No. (include area code): 713-659-3500
 9. API Well No.: 30-039-31166 - 002

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: 1850' FNL & 1045' FEL (UL H), Sec. 18 T26N R05W
 At top prod. interval reported below:
 At total depth: 1881' FNL & 1062' (UL H), Sec. 18 T26N R05W

10. Field and Pool or Exploratory: Blanco Mesaverde
 11. Sec., T., R., M., on Block and Survey or Area: Sec. 18 T26N R05W

12. County or Parish: Rio Arriba
 13. State: NM

14. Date Spudded: 05/04/2013
 15. Date T.D. Reached: 05/08/2013
 16. Date Completed: 09/20/2013
 D & A Ready to Prod.
 17. Elevations (DF, RKB, RT, GL)*: 6689' GL

18. Total Depth: MD 7772' TVD 7772'
 19. Plug Back T.D.: MD 7720' TVD 7720'
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): GR/CCL/CBL & 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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" J-55	36#	0	523'		225 sx Type III	56 bbls	Surf (circ)	
8 3/4"			0	3418'					
7 7/8"	5 1/2"	17#	0	7767'		1159 sx Prem Lt (3 stg cmt job)	481 bbls	Surf (circ)	

RCVD SEP 27 '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 7/8"	7561'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	4421'	5887'	4910' - 5518'	0.40"	80	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4910' - 5296' (42 holes)	29.7 bbls 15% HCl & bio-balls, frac w/193,000# 20/40 sand, 1,218 bbls gelwater, and 1,604,100 scf N2
5412' - 5518' (38 holes)	19.3 bbls 15% HCl & bio-balls, frac w/170,000# 20/40 sand, 1,150 bbls gelwater, and 1,466,300 scf N2

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
08/30/13	09/15/13	24	→	0	374.1	0			Flowing
Choke Size	I'bg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64"	n/a	113 psi	→	0	374.1	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	I'bg. 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)

SEP 26 2013

NMOCDA

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 (Solid; used for fuel, vented, etc.)

Gas sold w/ "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
					Meas. Depth
Ojo Alamo	2562'	2795'		Menefee Point Lookout	4858'
Kirtland	2795'	3054'			5400'
Fruitland Coal	3054'	3171'		Dakota	7373'
Pictured Cliffs	3171'	3263'			
Lewis Shale	3263'	4087'			
Chacra	4087'	4822'			
Cliffhouse	4822'	4858'			
Menefee	4858'	5387'			
Point Lookout	5400'	5900'			
Mancos (Regulatory)	5900'	6565'			
Gallup	6565'	7294'			
Greenhorn	7294'	7350'			
Graneros	7350'	7373'			
Dakota	7373'	TD			

32. Additional remarks (include plugging procedure):

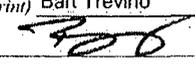
- GR/CCL/CBL & RMT log online in NMOCD log file.

- C-104 Test Allowable expired 9/18/2013, well shut in @ end of day 9/18/2013. Will be put back on production when C-104 for new well have been approved.

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

- Electrical/Mechanical Logs (1 full set req'd.)
 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 Treviño Title Regulatory Analyst
Signature  Date 09/23/2013

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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Bureau of Land Management

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 At top prod. interval reported below
 At total depth 1881' FNL & 1062' (UL H), Sec. 18 T26N R05W

5. Lease Serial No.
Jicarilla Contract 110

6. If Indian, Allottee or Tribe Name
Jicarilla Apache Tribe

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Jicarilla A #2F

9. API Well No.
30-039-31166-0001

10. Field and Pool or Exploratory
Basin Dakota

11. Sec., T., R., M., on Block and Survey or Area
Sec. 18 T26N R05W

12. County or Parish
Rio Arriba

13. State
NM

14. Date Spudded 05/04/2013

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7 7/8"	5 1/2"	17#	0	7767'		1159 sx Prem Lt (3 stg cmt job)	481 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 7/8"	7561'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Dakota	7373'	TD	7377' - 7599'	0.40"	62	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7377' - 7421' (26 holes)	21 bbls 15% HCl & bio-balls, frac w/66,000# 20/40 sand and 2,280 bbls slickwater
7502' - 7599' (36 holes)	23.9 bbls 15% HCl & bio-balls, frac w/159,000# 20/40 sand and 4,300 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
08/30/13	09/15/13	24	→	0	270.9	0			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"	n/a	113 psi	→	0	270.9	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	
			→						

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

RCV SEP 27 13
OIL GINS. DIV.
DIST. 3

ACCEPTED FOR RECORD

SEP 26 2013

NMOCDA

WILLIAM TAMBORON

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 (Solid, used for fuel, vented, etc.)

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