

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 25 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

- 1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resyr.,

Other: _____

2. Name of Operator
EnerVest Operating, L.L.C.3. Address 1001 Fannin St., Suite 800
Houston, TX 770023a. Phone No. (include area code)
713-659-3500

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

2425' FSL & 255' FWL (UL L), Sec. 3 T26N R04W

At surface

At top prod. interval reported below

At total depth 2421' FSL & 243' FWL (UL L), Sec. 3 T26N R04W

14. Date Spudded
06/03/201315. Date T.D. Reached
06/14/201316. Date Completed 10/21/2013
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6960' GL18. Total Depth: MD 8946' 8190' 246
TVD 8940' 8190' 24619. Plug Back T.D.: MD 8124'
TVD 8124'20. 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 Cement 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"				3886'					
7 7/8"	4 1/2" N-80	11.6#	0	8183'		1305 sxs cmt (1204 sx Pr. Lt & 101sx Type III)	476 bbls (3 stg cmt job)	Surf (circ)	

RCVD OCT 29 '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"	7964'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	5387'	6377'	5386' - 5948'	0.40"	69	Open, producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5386' - 5486' (39 holes)	37.9 bbls 15% HCl & 59 bio-balls, frac w/140,000# 20/40 sand, 840 bbls gelwater, and N2 @ avg rate of 35434 scfm
5878' - 5948' (30 holes)	19.8 bbls 15% HCl & 45 bio-balls, frac w/95,000# 20/40 sand, 678 bbls gelwater, and N2 @ avg rate of 25325 scfm

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
10/10/13	10/20/13	24	➡	0	272.22	0			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. na	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
0/64"			➡	0	272.22	0		Producing (C-104 Test Allowable expires 10/30/13)	

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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OCT 28 2013

FARMINGTON FIELD OFFICE
BY William Tambora

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. St.	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. St.	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 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
					Meas. Depth
Ojo Alamo Kirtland	3214' 3380'	3380' 3528'		Cliffhouse Point Lookout	5387' 5877'
Fruitland Coal Pictured Cliffs	3528' 3702'	3702' 3798'		Dakota	7884'
Lewis Shale Cliffhouse	3798' 5387'	5387' 5522'			
Monofee Point Lookout	5522' 5877'	5877' 6377'			
Mancos (Regulatory) Gallup	6377' 7058'	7058' 7804'			
Greenhorn Graneros Shale	7804' 7862'	7862' 7884'			
Dakota	7884'	TD			

32. Additional remarks (include plugging procedure):

NSL-6766-A

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: Wellbore Diagram & C-102 (as-drilled)

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 TreviñoTitle Regulatory AnalystSignature Date 10/25/2013

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.

(Continued on page 3).

(Form 3160-4, page 2)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 25 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RT AND LOG
Bureau of Land Management

5 Lease Serial No.
Jicarilla Contract 102

1a. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Ditt. Resrv., Other: _____		6. If Indian, Allocated or Tribe Name Jicarilla Apache Tribe 7. Unit or CA Agreement Name and No. <i>Report To Lease</i> 8. Lease Name and Well No. Jicarilla Apache 102 #8M	
2. Name of Operator EnerVest Operating, L.L.C.		9. API Well No. 30-039-31175 - ooc1	
3. Address 1001 Fannin St., Suite 800. Houston, TX 77002		3a. Phone No. (include area code) 713-659-3500	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 2425' FSL & 255' FWL (UL L), Sec. 3 T26N R04W At surface At top prod. interval reported below At total depth 2421' FSL & 243' FWL (UL L), Sec. 3 T26N R04W		10. Field and Pool or Exploratory Basin Dakota 11. Sec., T., R., M., on Block and Survey or Area Sec. 3 T26N R04W 12. County or Parish Rio Arriba 13. State NM	
14. Date Spudded 06/03/2013		15. Date T.D. Reached 06/14/2013	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6960' GL	
18. Total Depth: MD 8910' 8910' 8190' 8190' TVD 8910' 8190'		19. Plug Back T.D.: MD 8124' TVD 8124'	
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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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)	
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7 7/8"	4 1/2" N-80	11.6#	0	8183'		1305 sxs cmt	476 bbls	Surf (circ)	
						(1204 sx Pr. Lt	(3 stg cmt job)		
						& 101sx Type III)			

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"	7964'							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	7884'	TD	7886' - 8074'	0.40"	54	Open, producing
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval	Amount and Type of Material
7886' - 7938' (30 holes)	18.1 bbls 15% HCl & 45 bio-balls, frac w/140,000# 20/40 sand & 3280 bbls slickwater
8026' - 8074' (24 holes)	19.5 bbls 15% HCl & 36 bio-balls, frac w/64,293# 20/40 sand & 2190 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
10/10/13	10/20/13	24	➡	0	425.78	0			Flowing
Choke Size	Tbg. Press. Flwg. Si	Csg. Press. na	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
0/64"				0	425.78	0		Producing (C-104 Test Allowable expires 10/30/13)	

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)

ACCEPTED FOR RECORD

MEMOCDR

OCT 28 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	
			→						

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(Continued on page 3).

(Form 3160-4, page 2)