

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

JUL 28 2011

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. Resvr., Other ☐

2. Name of Operator
EnerVest Operating, LLC

3. Address 3a. Phone No. (include area code)
1001 Fannin St Ste 800 Houston, Tx 77002 713-495-6537

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NW/4 SE/4 1420' FSL & 2475' FEL Lat 36.48375 Long 107.382222
At top prod. interval reported below
At total depth NW/4 SE/4 1432' FSL & 2563' FEL

5. Lease Serial No.
JIC 110

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

7. Unit or CA Agreement Name and No
Report to Lease

8. Lease Name and Well No.
Jicarilla A No. 8N

9. API Well No.
30-039-29839-0001

10. Field and Pool, or Exploratory
Basin Dakota

11. Sec., T., R., M., or Block and Survey or Area
UL J, Sec 17, 26N, 05W

12. County or Parish 13. State
Rio Arriba NM

14. Date Spudded 15. Date T.D. Reached 16. Date Completed
4/30/11 7/2/11 7/28/11 ☐ D & A ☒ Ready to Prod

17. Elevations (DF, RKB, RT, GL)*
6.665 GL

18. Total Depth: MD 7600 19. Plug Back T.D.: MD 7585 20. Depth Bridge Plug Set: MD
TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
RMT Elite Log

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"	36	0	393		200		surf	
	K-55 LTC								
8 3/4	7"	23	0	3510		510		surf	20 bbls
	N-80 LTC								
6 1/4	4 1/2"	11.6	0	7600		370		surf	0.5 bbls
	N-80 LTC								

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"	7452							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Dakota	7360'		7377' to 7546'	0.400	124	Open
B)						
C)						
D)						

26. Perforation Record

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

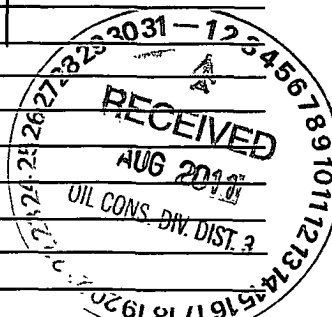
Depth Interval	Amount and Type of Material
7377' to 7546'	Acidize w/ 500 gals 15% HCl.
	Frac w/ 2121 bbls 3% KCl carrying 80,844 lbs of 20/40 sand.

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 →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

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 →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	



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JUL 29 2011

FARMINGTON FIELD OFFICE
BY 304

NMOCD A

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. →	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 →	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
					Meas. Depth
Fruitland	3015		Coal, Shale, Sandstone		
Pict. Cliffs	3184		Sandstone		
Chacra	4061		Siltstone		
Mesaverde	4880		Coal, Sandstone, Shale		
Menefee	4934		Coal, Sandstone, Shale		
Mancos	5557		Shale		
Gallup	6559		Siltstone, Shale		
Dakota	7360		Sandstone, Shale, Coal		

32. Additional remarks (include plugging procedure).

Attachments:

RMT Elite Log

Deviation Report

Standard Survey Report

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*) Bridget HelfrichTitle Regulatory Tech.Signature Bridget HelfrichDate 7/26/11

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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WELL COMPLETION OR RECOMPLETION REPORT AND LOG JUL 28 2011

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		Farmington Field	
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"/> Diff. Res. Man.		Jicarilla Apache	
2. Name of Operator EnerVest Operating, LLC		6. If Indian, Allottee or Tribe Name Jicarilla Apache	
3. Address 1001 Fannin St Ste 800 Houston, Tx 77002		7. Unit for CA Agreement Name and No Report to Lease	
3a. Phone No. (include area code) 713-495-6537		8. Lease Name and Well No. Jicarilla A No. 8N	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NW/4 SE/4 1420' FSL & 2475' FEL Lat 36.48375 Long 107.382222		9. API Well No. 30-039-29839-0002	
At top prod interval reported below		10. Field and Pool, or Exploratory Blanco Mesaverde	
At total depth NW/4 SE/4 1432' FSL & 2563' FEL		11. Sec., T., R., M., or Block and Survey or Area UL J, Sec 17, 26N, 05W	
14. Date Spudded 4/30/11		12 County or Parish Rio Arriba	
15. Date T.D. Reached 7/2/11		13. State NM	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 7/29/11		17. Elevations (DF, RKB, RT, GL)* 6,665 GL	

18. Total Depth: MD TVD 7600	19. Plug Back T.D.: MD TVD 7585	20. Depth Bridge Plug Set MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RMT Elite Log		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 checked="" type="checkbox"/> No <input 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"	36	0	393		200		surf	
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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"	7452								

25. Producing Intervals				26 Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status	
A) Blanco Mesaverde	4880'		4889' to 5513'	0.400	192	Open	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
4889' to 5513'	Stg 1: Acidize w/ 500 gals 15% HCl. Frac w/ 2362 bbls 3% KCl carrying 101,578 lbs of 20/40 sand.
	Stg 2: Acidize w/ 500 gals 15% HCl. Frac w/ 2261 bbls 3% KCl carrying 97,535 lbs of 20/40 sand.

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	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

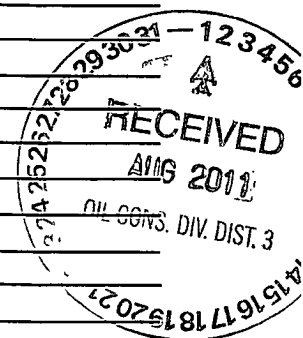
28a. Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

NMOCD A

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BY SAV

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 →	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. →	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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Menefee	4934		Coal, Sandstone, Shale		
Mancos	5557		Shale		
Gallup	6559		Siltstone, Shale		
Dakota	7360		Sandstone, Shale, Coal		

32. Additional remarks (include plugging procedure)

Attachments:

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 ☒ Directional Survey
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 ☐ Core Analysis
 ☒ Other:

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Name (please print) Bridget HelfrichTitle Regulatory Tech.Signature Bridget HelfrichDate 7/26/11

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