

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

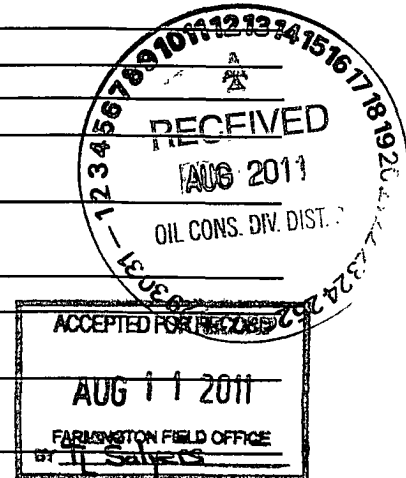
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

AUG 11 2011

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		Bureau of Land Management							
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"/> Other		Jicarilla Apache							
2. Name of Operator EnerVest Operating, LLC		8. Lease Name and Well No. Jicarilla B No. 2M							
3. Address 1001 Fannin St Ste 800 Houston, Tx 77002		9. API Well No. 30-039-29914-00-C3							
3a. Phone No. (include area code) 713-495-6537		10. Field and Pool, or Exploratory Blanco Mesaverde							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UL 0 1190' FSL & 2630' FEL Lat 36.483111 Long 107.364583 At top prod. interval reported below At total depth		11. Sec., T, R, M., or Block and Survey or Area UL 0, Sec 16, 26N, 05W							
14. Date Spudded 5/12/11		15. Date T.D. Reached 7/11/11							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 8/5/11		17. Elevations (DF, RKB, RT, GL)* 664' GL							
18. Total Depth. MD TVD 7,540		19. Plug Back T.D. MD TVD 7,525							
20. Depth Bridge Plug Set TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Compact Triple Combo/Quicklook log; CBL							
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	411		200			8 bbls
	J55 LTC								
8 3/4"	7"	23	0	3464		160			35 bbls
	J55 LTC					340			50 bbls
6 1/4"	4 1/2"	11.6	3886	7538		420		3886	
	N80 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"	7,405'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Blanco Mesaverde	4991		4991 to 5441	0.400	136	Open			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
4991 to 5441	1000 gals 15% HCL; 140,000# 20/40 Sd; 1,936,322 scf N2 foamed w/1057 bbls 3% KCL								
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)

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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 →	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
Chacra	4009		Siltstone		
Mesaverde	4788		Coal, Sandstone, Shale		
Mancos Shale	5494		Shale		
Gallup	6471		Siltstone, Shale		
Dakota	7303		Sandstone, Shale, Coal		

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 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 8/10/11

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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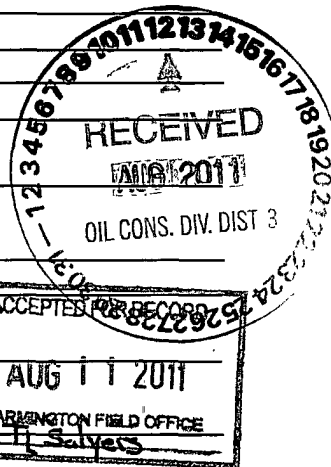
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

AUG 11 2011

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No JIC 109							
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 Resrv. Other		6 If Indian, Allottee or Tribe Name Jicarilla Apache							
2. Name of Operator EnerVest Operating, LLC		7 Unit or CA Agreement Name and No							
3 Address 1001 Fannin St Ste 800 Houston, Tx 77002		8 Lease Name and Well No Jicarilla B No. 2M							
3a Phone No (include area code) 713-495-6537		9 API Well No 30-039-29914-00-C2							
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UL 0 1190' FSL & 2630' FEL Lat 36.483111 Long 107.364583 At top prod interval reported below At total depth		10 Field and Pool, or Exploratory Tapacito-Gallup							
14. Date Spudded 5/12/11		15 Date T D Reached 7/11/11							
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 8/5/11		11 Sec, T, R., M., or Block and Survey or Area UL 0, Sec 16, 26N, 05W							
18 Total Depth MD TVD 7,540		19 Plug Back T D MD TVD 7,525							
20 Depth Bridge Plug Set MD TVD		12 County or Parish Rio Arriba							
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) Compact Triple Combo/Quicklook log; CBL		13 State NM							
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)		17 Elevations (DF, RKB, RT, GL)* 6614' 6,626' GL							
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	411		200			8 bbls
	J55 LTC								
8 3/4"	7"	23	0	3464		160			35 bbls
	J55 LTC					340			50 bbls
6 1/4"	4 1/2"	11.6	0 3886	7538		420		3886'	
	N80 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"	7,405'								
25 Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Tapacito-Gallup	6820		6820 to 6831	0.400	48	Open			
B)									
C)									
D)									
26 Perforation Record									
27 Acid, Fracture, Treatment, Cement Squeeze, Etc									
Depth Interval		Amount and Type of Material							
6820 to 6831		1000 gals 15% HCL; 30,000# 20/40 Sd; 1,138,000 scf N2 foamed w/ 578 bbls 3% KCL.							
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)

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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. →	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
Chacra	4009		Siltstone		
Mesaverde	4788		Coal, Sandstone, Shale		
Mancos Shale	5494		Shale		
Gallup	6471		Siltstone, Shale		
Dakota	7303		Sandstone, Shale, Coal		

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 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 8/10/11

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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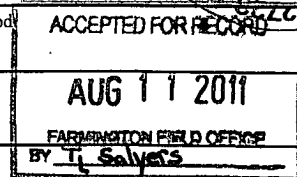
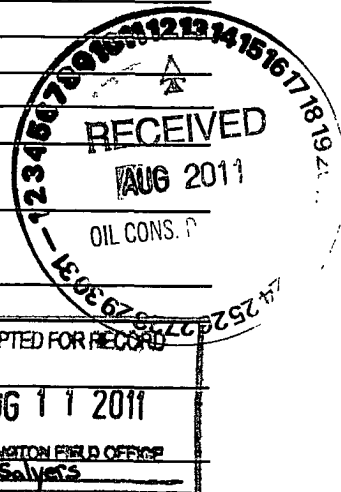
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b. Type of Completion. <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other		6. If Indian, Allottee or Tribe Name Jicarilla Apache							
2. Name of Operator EnerVest Operating, LLC		7. Unit or CA Agreement Name and No							
3. Address 1001 Fannin St Ste 800 Houston, Tx 77002		8. Lease Name and Well No. Jicarilla B No. 2M							
3a. Phone No. (include area code) 713-495-6537		9. API Well No 30-039-29914-00-C1							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UL 0 1190' FSL & 2630' FEL Lat 36.483111 Long 107.364583 At top prod interval reported below At total depth		10. Field and Pool, or Exploratory Basin Dakota							
14. Date Spudded 5/12/11		11. Sec., T., R., M., or Block and Survey or Area UL 0, Sec 16, 26N, 05W							
15. Date T.D. Reached 7/11/11		12. County or Parish Rio Arriba							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 8/5/11		13. State NM							
17. Elevations (DF, RKB, RT, GL)* 6614' 6,626' GL									
18. Total Depth. MD TVD 7,540		19. Plug Back T.D.: MD TVD 7,525							
20. Depth Bridge Plug Set: MD TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Compact Triple Combo/Quicklook log; CBL		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)							
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	J55 LTC					340			50 bbls
6 1/4"	4 1/2"	11.6	3886	7538		420		3886'	
	N80 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"	7,405'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Basin Dakota	7326		7326 to 7468	0.400	120	Open			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
7326 to 7468	1000 gals 15% HCL; 80,000# 20/40 Sd; 2,105,600 scf N2 foamed w/ 871 bbls 3% KCL.								
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	



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):

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