

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 110
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 A No. 8M
3a. Phone No. (include area code) 713-495-6537		9. API Well No. 30-039-29848-00-C1
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UL B 750' FNL & 2240' FEL Lat 36.492361 Long 107.381444 At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Basin Dakota
14. Date Spudded 4/27/11		11. Sec., T., R., M., or Block and Survey or Area UL B, Sec 17, 26N, 05W
15. Date T.D. Reached 6/17/11		12. County or Parish Rio Arriba
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 7/22/11		13. State NM
17. Elevations (DF, RKB, RT, GL)* 6,665' GL		

18. Total Depth: MD TVD	7,675	19. Plug Back T.D.: MD TVD	7,624	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Spec Den/Array Comp/True Resis				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)	

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8"	36	0	408		200			
	J55 STC								
8 3/4"	7"	23	0	3570		510			
	N80 LTC								
6 1/4"	4 1/2"	11.6	3550	7665		390			
	N80 LTC								

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7,543'							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Basin Dakota	7402		7402 to 7628	0.400	114	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc	
Depth Interval	Amount and Type of Material
7402 to 7628	80,000# 20/40 Brown Sd plus 3172 BFF.

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
7/23/11	7/27/11	24	→	12	122	7			Flows from well
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
64/64	580	841	→	12	122	7		PGW	ACCEPTED FOR RECORD

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
			→						AUG 01 2011
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						FARMINGTON FIELD OFFICE BY <u>scw</u>

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

NMOC 4

RCD AUG 4 '11
OIL GVS. DIV.
JIC 110

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	4103		Siltstone		
Mesaverde	4880		Coal, Sandstone, Shale		
Mancos Shale	5582		Shale		
Gallup	6612		Siltstone, Shale		
Dakota	7402		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 7/29/11

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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BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

AUG 01 2011

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry Other		Farmington Field Office							
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		Bureau of Land Management							
2 Name of Operator EnerVest Operating, LLC									
3 Address 1001 Fannin St Ste 800 Houston, Tx 77002		3a Phone No. (include area code) 713-495-6537							
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UL B 750' FNL & 2240' FEL Lat 36.492361 Long 107.381444 At top prod. interval reported below At total depth									
14. Date Spudded 4/27/11		15. Date T.D. Reached 6/17/11							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 7/22/11		17. Elevations (DF, RKB, RT, GL)* 6,665' GL							
18. Total Depth: MD TVD 7,675		19. Plug Back T.D.: MD TVD 7,624							
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Spec Den/Array Comp/True Resis							
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	408		200			
	J55 STC								
8 3/4"	7"	23	0	3570		510			
	N80 LTC								
6 1/4"	4 1/2"	11.6	3550	7665		390			
	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"	7,543'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Blanco Mesaverde	4880		5284 to 5532	0.400	104	Open			
B)									
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
5284 to 5532	135.675# 20/40 Brown Sd plus 3675 BFF.								
PCUD AUG 4 '11									
OIL CONS. DIV.									
DIST. 3									
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
7/23/11	7/27/11	24	→	24	231	12			Flows from well
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
64/64	580	841	→	24	231	12		PGW	
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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BY SW

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	4103		Siltstone		
Mesaverde	4880		Coal, Sandstone, Shale		
Mancos Shale	5582		Shale		
Gallup	6612		Siltstone, Shale		
Dakota	7402		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
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34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

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3a. Phone No. (include area code) 713-495-6537		9. API Well No. 30-039-29848-00-C2							
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14. Date Spudded 4/27/11		11. Sec., T., R., M., or Block and Survey or Area UL B, Sec 17, 26N, 05W							
15. Date T.D. Reached 6/17/11		12. County or Parish Rio Arriba							
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17. Elevations (DF, RKB, RT, GL)* 6,665' GL									
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2-3/8"	7,543'								
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Tapacito-Gallup	6612		6898 to 6923	0.400	36	Open			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material				RCUD AUG 4'11			
6898 to 6923		30,000# 20/40 Brown Sd plus 1071 BFF.				OIL CONS. DIV.			
						DIST. 3			
28. Production - Interval A									
Date First Produced 7/23/11	Test Date 7/27/11	Hours Tested 24	Test Production →	Oil BBL 29	Gas MCF 289	Water BBL 15	Oil Gravity Corr API	Gas Gravity	Production Method Flows from well
Choke Size 64/64	Tbg. Press Flwg SI 580	Csg. Press. 841	24 Hr. →	Oil BBL 29	Gas MCF 289	Water BBL 15	Gas Oil Ratio	Well Status PGW	
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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BY SCW

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	

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Dakota	7402		Sandstone, Shale, Coal		

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