

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

JAN 13 2012

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" 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		5. Lease Serial No. NMNM7993	
3. Address 1001 Fannin St Ste 800 Houston, Tx 77002		6. If Indian, Allottee or Tribe Name	
3a. Phone No. (include area code) 713-495-6537		7. Unit or CA Agreement Name and No. NMNM112633	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NW/SW 1490' FSL & 791' FWL  At top prod. interval reported below  At total depth SW/SE 802' FSL & 1641' FEL		8. Lease Name and Well No. Enervest Federal No. 1	
14. Date Spudded 11/02/10		9. API Well No. 30-039-30992	
15. Date T.D. Reached 12/26/10		10. Field and Pool, or Exploratory Gavilan-Mancos	
16. Date Completed <input checked="" type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 9/26/11		11. Sec., T., R., M., or Block and Survey or Area UL L, Sec 25, 26N, 2W	
17. Elevations (DF, RKB, RT, GL)* 7,725 GL		12. County or Parish Rio Arriba	
18. Total Depth: MD 10275 TVD 7541		13. State NM	
19. Plug Back T.D.: MD 10234 TVD		17. Elevations (DF, RKB, RT, GL)*	
20. Depth Bridge Plug Set: MD 7446 TVD 9508		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR-CCL-PNL. 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 Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13.375	54.5	0	314		390		surf	30
	J-55 LTC								
12.250	9.625	40.0	0	4200		930			90
	N-80 LTC								
8.750	7.0 P110	26.0		7842		660		3900	RCVD JAN 17 '12 OIL CONS. DIV.
6.125	4.5 P110	11.6		10257		315		7280	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)	
2.375	7119								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf Status
A) Gavilan-Mancos	6213			7150' - 7317'	0.37	96	Open
B) Gavilan-Mancos	6213			9578' - 9857'	0.390	36	Open
C) Gavilan-Mancos	6213			9941' - 10231'	0.390	24	Open
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
7150' to 7317'	
9578' - 9857'	1000gal 15%HCL;12,383gal FF;105.3tons CO2;2960# mesh SD;Flush w/196 bbl 4% KCL.
9941' - 10231'	5342galwtr;1000gal 15%HCL;97756gal FF;9500# mesh SD;218000# 20/40sd;3778g1 flush

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	
			→						

ACCEPTED FOR RECORD

JAN 12 2012

FARMINGTON FIELD OFFICE

AV jmr

NMOC

Ar

## 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
Ojo Alamo	3604		Sandstone		
Pict. Cliffs	3947		Sandstone		
Menefee	5800		Shale, Coal, Sandstone		
Pt. Lookout	6085		Sandstone		
Mancos	6213		Sandstone		
Gallup	7317		Sandstone, Shale		
Target @ Lnd	7560				
Target @ BHL	7540		Gallup Formation		

## 32. Additional remarks (include plugging procedure):

Attachments filed 8/5/11:

PNN/GR/CCL log

GR/CCL/Acoustic CBL

Standard Survey Report

Attachments filed 1/11/12:

GR/CCL/CN log

## 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 1/11/12

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.