

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB NO 1004-0137

Expires: March 31, 2007

RECEIVED

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 LEASE DESIGNATION AND SERIAL NO

Jicarilla Contract 108

6 INDIAN ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7 UNIT AGREEMENT

RCVD OCT 1 '12  
OIL CONS. DIV.

8 FARM OR LEASE NAME

Jicarilla C #2M

9 API WELL NO

30-039-29927

10 FIELD NAME

Basin Dakota

11 SEC. T, R, M., OR BLOCK AND SURVEY  
OR AREA

Sec 14 T26N R05W

12 COUNTY OR PARISH

Rio Arriba

13. STATE

NM

17. ELEVATIONS (DF, RKB, RT, GR, etc)\*

6962' GL, 6975' KB

2 Name of Operator

EnerVest Operating, L.L.C.

3 Address

1001 Fannin Street Ste. 800, Houston, Tx 77002

3a Phone No (include area code)

713-495-5355

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

At surface

150' FSL &amp; 275' FWL, Sec 14 T26N R05W (UL M)

At top prod. Interval reported below

At total depth

Same (vertical well)

14 Date Spudded

7/12/2012

15. Date T D Reached

7/22/2012

16 Date Completed 08/28/2012

D &amp; A X Ready to Prod

18 Total Depth.

MD

7916'

TVD

7916'

19 Plug back T D

MD

7895'

TVD

7895'

20 Depth Bridge Plug Set.

MD

TVD

21 Type Electric &amp; other Logs Run (Submit a copy of each)

GR/CCL/CBL  
GR/RMT (neutron)

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	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" J-55	36#	0	515'		225 sx Type III	56 bbls	Surf (circ)	
8 3/4"	7" J-55/N-80	23#	0	3865'	3189'	408 sx Type III	143 bbls	Surf (circ)	
6 1/4"	4 1/2" P-110	11.6#	0	7916'		327 sx Type III	118 bbls	3060' CBL	

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"	7714'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf. Status
Dakota	7655'		7656' - 7872'	0.40"	60	Open
B)						
C)						
D)						

26 Perforation Record

27 Acid/Fracture Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7656' - 7693'	17.9 bbl 15% HCL, frac w/88627# 20/40 mesh sand, N2 foam using 2905 bbls slickwater
7776' - 7872'	17.9 bbl 15% HCL, 101000# 20/40 sand, N2 foam using 4143 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
9/16/2012	9/24/2012	12	→	6	16	24			Flowing
Choke Size	Tbg Press Flwg	Csg Press	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
48/64	NA	90 psi	→	12	31	48		Producing	

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	Csg Press	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
	SI		→						

\* See instructions and spaces for additional data on page 2)

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FARMINGTON FIELD OFFICE

NMOCD

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	

29 Disposition of Gas (Sold, 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 Measured Depth
Mesa Verde	4823	5198	Sandstone/Shale	Cliffhouse	5198'
Cliffhouse	5198	5239	Sandstone	Point Lookout	5672'
Menefee	5239	5672	Sandstone/Shale	Greenhorn	7563'
Point Lookout	5672	5827	Sandstone	Dakota	7655'
Mancos	5827	6817	Shale/Sandstone		
Gallup	6817	7563	Sandstone		
Greenhorn	7563	7621	Limestone		
Graneros	7621	7655	Sandstone		
Dakota	7655		Sandstone		


32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes

<input checked="" type="checkbox"/> Electrical/ Mechanical Logs (1 full set required)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input checked="" type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input type="checkbox"/> 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) Bart Trevino Title Associate Regulatory Analyst

Signature  Date 9/28/2012

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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DEPARTMENT OF THE INTERIOR  
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5 LEASE DESIGNATION AND SERIAL NO

Jicarilla Contract 108

SEP 28 2012

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

Farmington Field Office

6 INDIAN ALLOTTEE OR TRIBE NAME

b Type of Completion

☒ New Well☐ Workover☐ Deepen☐ Plug Back☐ Diff. Reserv.

Other

Jicarilla Apache Tribe

7. UNIT AGREEMENT

RCVD OCT 1 '12

OIL CONS. DIV.

2 Name of Operator

EnerVest Operating, L.L.C.

8 FARM OR LEASE NAME

DIST. 3

Jicarilla C #2M

3 Address

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3a. Phone No (include area code)

713-495-5355

9 API WELL NO.

30-039-29927

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At surface

150' FSL &amp; 275' FWL, Sec 14 T26N R05W (UL M)

At top prod. Interval reported below

At total depth

Same (vertical well)

10. FIELD NAME

Blanco Mesaverde

11. SEC. T, R, M., OR BLOCK AND SURVEY  
OR AREA

Sec 14 T26N R05W

12 COUNTY OR PARISH

13 STATE

Rio Arriba

NM

14 Date Spudded

7/12/2012

15 Date T.D. Reached

7/22/2012

16. Date Completed 08/28/2012

D & A ☒ Ready to Prod

17 ELEVATIONS (DF, RKB, RT, GR, etc)\*

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7895'

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GR/RMT (neutron)

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Was DST run?

☒ No☐ Yes (Submit report)

Directional Survey?

☐ No☒ Yes (Submit copy)

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Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7714'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No of Holes	Perf. Status
A) Mesa Verde	4823'	5827'	5202' - 5690'	0.40"	66	Open
B)						
C)						
D)						

26 Perforation Record

27 Acid Fracture Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5202' - 5232'	17.9 bbl 15% HCL, frac w/83162# 20/40 mesh sand, N2 foam using 550.8 bbl gel water & 778 mscf N2
5563' - 5690'	17.9 bbl 15% HCL, 120430# 20/40 mesh sand, N2 foam using 1014.6 bbl gel water & 1398.4 mscf N2

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
9/12/2012	9/16/2012	12	→	0	297	12			Flowing
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
24/64	NA	170 psi	→	0	594	24		Producing	

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	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	
	SI		→						

\* See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

OCT 01 2012

FARMINGTON FIELD OFFICE

NMOC D PV

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	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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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

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					Measured Depth
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Mancos	5827	6817	Shale/Sandstone		
Gallup	6817	7563	Sandstone		
Greenhorn	7563	7621	Limestone		
Graneros	7621	7655	Sandstone		
Dakota	7655		Sandstone		

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

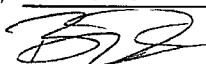
☒ Electrical/ Mechanical Logs (1 full set required)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

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Name (please print) Bart Trevino

Title Associate Regulatory Analyst

Signature



Date 9/28/2012

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