

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

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: Amended (box 4, 18, 19, 23, 25, 28)

2. Name of Operator: EnerVest Operating, L.L.C.

3. Address: 1001 Fannin St., Suite 800 Houston, TX 77002  
 3a. Phone No. (include area code): 713-659-3500

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: 1164' FNL & 2548' FWL (UL C) Sec 19 T26N R05W

At top prod. interval reported below  
 At total depth: <sup>1154</sup>4474' FNL & 2478' FWL (UL C), Sec 19 T26N R05W

14. Date Spudded: 04/26/2013  
 15. Date T.D. Reached: 05/01/2013  
 16. Date Completed: 07/08/2013  
 D & A  Ready to Prod.

18. Total Depth: MD 7570' TVD 7568'  
 19. Plug Back T.D.: MD 7502' TVD 7500'  
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): GR/CCL/CBL & Pulsed Neutron Logs  
 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" J-55	36#	0	523'		225 sx Type III	55.70 bbls	Surf (circ)	
8 3/4"				3270'					
7 7/8"	5 1/2" L-80	17#	0	7567'		966 sx Pr. Lite + 200 sxs Type III	405.22 bbls	Surf (circ)	

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 7/8"	7422'							

25. Producing Intervals

Formation	Top	Bottom	Perforation Record	Size	No. Holes	Perf. Status
A) Basin Dakota	7194'	7570' (TD)	7196' - 7446'	0.40"	59	Open, Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7196' - 7230' (30 holes)	21.5 bbls 15% HCl, frac w/82000# 20/40 sand and 2899 bbls slickwater
7330' - 7446' (30 holes)	17.9 bbls 15% HCl, frac w/100000# 20/40 sand and 4982 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
7/18/13	7/21/13	24	→	23.71	495.9	22.66			Flowing (pipeline completed 7/15/13)
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64	700psi	950psi	→	23.71	495.9	22.66		Producing (utilizing C-104 Test Allowable)	

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. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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JUL 30 2013

FARMINGTON FIELD OFFICE  
 BY William Tambekou

NMCCD PV

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

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 (Solid, used for fuel, vented, etc.)

Gas sold using C-104 Test Allowable

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

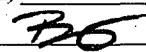
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo Kirtland	2383' 2614'	2614' 2800'		Menefee Point Lookout	4678' 5196'
Fruitland Coal Picture Cliffs	2800' 2978'	2978' 3103'		Dakota	7194'
Lewis Shale Cliffhouse	3103' 4636'	4636' 4678'			
Menefee Point Lookout	4678' 5196'	5196' 5355'			
Mancos Gallup	5696' 6379'	6379' 7115'			
Greenhorn Graneros Shale	7115' 7167'	7167' 7194'			
Dakota	7194'	TD			

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) Bart Treviño      Title Regulatory Analyst  
 Signature       Date 07/24/2013

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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 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.,  
 Other: Amended (box 4, 18, 19, 23, 25, 28)

5. Lease Serial No.  
Jicarilla Contract 110

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache Tribe

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

2. Name of Operator  
EnerVest Operating, L.L.C.

8. Lease Name and Well No.  
Jicarilla A #3N

3. Address 1001 Fannin St., Suite 800  
Houston, TX 77002

3a. Phone No. (include area code)  
713-659-3500

9. API Well No.  
30-039-31169 -0002

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
1164' FNL & 2548' FWL (UL C)  
At surface Sec 19 T26N R05W

10. Field and Pool or Exploratory  
Blanco Mesaverde

11. Sec., T., R., M., on Block and  
Survey or Area  
Sec. 19 T26N R05W

At top prod. interval reported below  
1154'  
At total depth 4474' FNL & 2478' FWL (UL C), Sec 19 T26N R05W

12. County or Parish  
Rio Arriba

13. State  
NM

14. Date Spudded  
04/26/2013

15. Date T.D. Reached  
05/01/2013

16. Date Completed 07/08/2013  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6562' GL

18. Total Depth: MD 7570'  
TVD 7568'

19. Plug Back T.D.: MD 7502'  
TVD 7500'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR/CCL/CBL & Pulsed Neutron Logs

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" J-55	36#	0	523'		225 sx Type III	55.70 bbls	Surf (circ)	
8 3/4"				3270'					
7 7/8"	5 1/2" L-80	17#	0	7567'		966 sx Pr. Lite + 200 sxs Type III	405.22 bbls	Surf (circ)	

RCVD AUG 1 '13  
OIL CONS. DIV.  
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 7/8"	7422'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	4636'	5696'	4990' - 5356'	0.40"	76	Open, Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4990' - 5114' (32 holes)	25 bbls 15% HCl, frac w/111841# 20/40 sand & 19069# resin-coated 20/40 sand, 1227 bbls gel water and 1273100 scf N2
5202' - 5356' (44 holes)	20 bbls 15% HCl, frac w/156159# 20/40 sand & 41161# resin-coated 20/40 sand, 1481 bbls gel water and 1615300 scf 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
7/18/13	7/21/13	24	→	6.30	359.1	24.55			Flowing (pipeline completed 7/15/13)
Choke Size	Tbg. Press. Flwg. St	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64	700psi	950psi	→	6.30	359.1	24.55		Producing (utilizing C-104 Test Allowable)	

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. St	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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JUL 30 2013

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

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FARMINGTON FIELD OFFICE  
BY William Tambekou

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 (Solid, used for fuel, vented, etc.)

Gas sold using C-104 Test Allowable

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 Kirtland	2383' 2614'	2614' 2800'		Menefee Point Lookout	4678' 5196'
Fruitland Coal Picture Cliffs	2800' 2978'	2978' 3103'		Dakota	7194'
Lewis Shale Cliffhouse	3103' 4636'	4636' 4678'			
Menefee Point Lookout	4678' 5196'	5196' 5355'			
Mancos Gallup	5696' 6379'	6379' 7115'			
Greenhorn Graneros Shale	7115' 7167'	7167' 7194'			
Dakota	7194'	TD			

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) Bart Treviño      Title Regulatory Analyst  
 Signature       Date 07/24/2013

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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OMB NO. 1004-0137  
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

Bureau of Land Management  
Dist. Resrv.

5. Lease Serial No.  
Jicarilla Contract 110

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache Tribe

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

8. Lease Name and Well No.  
Jicarilla A #3N

9. API Well No.  
30-039-31169 - 00C1

10. Field and Pool or Exploratory  
Basin Dakota

11. Sec., T., R., M., on Block and  
Survey or Area  
Sec 19 T26N R05W

12. County or Parish  
Rio Arriba

13. State  
NM

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Dist. Resrv.

Other: Amended box 4, BHL

2. Name of Operator  
EnerVest Operating, L.L.C.

3. Address 1001 Fannin St, Suite 800  
Houston, TX 77002

3a. Phone No. (include area code)  
713-659-3500

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
1164' FNL & 2548' FWL (UL C)  
At surface Sec 19 T26N R05W  
  
At top prod. interval reported below  
  
At total depth 1154' FNL & 2478' FWL (UL C), Sec 19 T26N R05W

14. Date Spudded  
04/26/2013

15. Date T.D. Reached  
05/01/2013

16. Date Completed 07/08/2013  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6562' GL

18. Total Depth: MD 7570'  
TVD 7568'

19. Plug Back T.D.: MD 7502'  
TVD 7500'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR/CL/CBL & Pulsed Neutron Logs

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" J-55	36#	0	523'		225 sx Type III	55.70 bbls	Surf (circ)	
8 3/4"				3270'					
7 7/8"	5 1/2" L-80	17#	0	7567'		966 sx Pr. Lite + 200 sx Type III	405.22 bbls	Surf (circ)	

RCVD AUG 5 13  
OIL CONS. DIV.  
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 7/8"	7422'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Dakota	7194'	7570' (TD)	7196' - 7446'	0.40"	59	Open, Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7196' - 7230' (30 holes)	21.5 bbls 15% HCl, frac w/82000# 20/40 sand and 2899 bbls slickwater
7330' - 7446' (30 holes)	17.9 bbls 15% HCl, frac w/100000# 20/40 sand and 4982 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
7/18/13	7/21/13	24	→	23.71	495.9	22.66			Flowing (pipeline completed 7/15/13)
Choke Size	Ibg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64	700 psi	950 psi	→	23.71	495.9	22.66		Producing (utilizing C-104 Test Allowable)	

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	Ibg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

ACCEPTED FOR RECORD

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AUG 05 2013

FARMINGTON FIELD OFFICE  
BY *William Tan*

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 (Solid, used for fuel, vented, etc.)

Gas sold using C-104 Test Allowable

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	2383'	2614'		Menefee Point Lookout	4678'
Kirtland	2614'	2800'			5195'
Fruitland Coal	2800'	2978'		Dakota	7194'
Picture Cliffs	2978'	3103'			
Lewis Shale	3103'	4636'			
Cliffhouse	4636'	4678'			
Menefee	4678'	5196'			
Point Lookout	5196'	5355'			
Mancos	5696'	6379'			
Gallup	6379'	7115'			
Greenhorn	7115'	7187'			
Graneros Shale	7167'	7194'			
Dakota	7194'	TD			

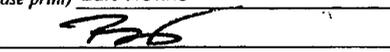
32. Additional remarks (include plugging procedure):

C-102 attached to show BHL.

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

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  Geologic Report     
  DST Report     
  Directional Survey  
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 Signature       Date 08/03/2013

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WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

Lease Serial No. Jicarilla Contract 110

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache Tribe

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

8. Lease Name and Well No.  
Jicarilla A #3N

9. API Well No.  
30-039-31169-0002

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Blanco Mesaverde

11. Sec., T., R., M., on Block and  
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Rio Arriba

13. State  
NM

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Other: Amended box 4, BHL

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RCVD AUG 5 '13  
OIL CONS. DIV.  
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)
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25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	4636'	5696'	4990' - 5356'	0.40"	76	Open, Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
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5202' - 5356' (44 holes)	20 bbls 15% HCl, frac w/156159# 20/40 sand & 41161# resin-coated 20/40 sand, 1481 bbls gel water and 1615300 scf 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
7/18/13	7/21/13	24	→	6.30	359.1	24.55			Flowing (pipeline completed 7/15/13)
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64	700 psi	950 psi	→	6.30	359.1	24.55		Producing (utilizing C-104 Test Allowable)	

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. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

ACCEPTED FOR RECORD

NMOC D  
AV

AUG 05 2013

FARMINGTON FIELD OFFICE  
BY William Tambakon

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 (Solid, used for fuel, vented, etc.)

Gas sold using C-104 Test Allowable

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	2383'	2614'		Menefee Point Lookout	4678'
Kirtland	2614'	2800'			5196'
Fruitland Coal	2800'	2978'		Dakota	7194'
Picture Cliffs	2978'	3103'			
Lewis Shale	3103'	4636'			
Cliffhouse	4636'	4678'			
Menefee	4678'	5196'			
Point Lookout	5196'	5355'			
Mancos	5696'	6379'			
Gallup	6379'	7115'			
Greenhorn	7115'	7167'			
Graneros Shale	7167'	7194'			
Dakota	7194'	TD			

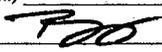
32. Additional remarks (include plugging procedure):

C-102 attached to show BHL.

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) Bart Treviño Title Regulatory Analyst  
 Signature  Date 08/03/2013

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.