

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 25 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5. Lease Serial No.
Jicarilla Contract 102

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 Apache 102 #8M

9. API Well No.
30-039-31175 -0062

10. Field and Pool or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and
Survey or Area
Sec. 3 T26N R04W

12. County or Parish
Rio Arriba

13. State
NM

14. Date Spudded
06/03/2013

15. Date T.D. Reached
06/14/2013

16. Date Completed
10/21/2013
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6960' GL

18. Total Depth: MD 8046' 8190' TVD 8940' 8190'

19. Plug Back T.D.: MD 8124' TVD 8124'

20. Depth Bridge Plug Set: MD TVD

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

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 Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" J-55	36#	0	523'		225 sx Type III	56 bbls	Surf (circ)	
8 3/4"				3886'					
7 7/8"	4 1/2" N-80	11.6#	0	8183'		1305 sxs cmt (1204 sx Pr. Lt & 101sx Type III)	476 bbls (3 stg cmt job)	Surf (circ)	

RCVD OCT 29 '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 3/8"	7964'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	5387'	6377'	5386' - 5948'	0.40"	69	Open, producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5386' - 5486' (39 holes)	37.9 bbls 15% HCl & 59 bio-balls, frac w/140,000# 20/40 sand, 840 bbls gelwater, and N2 @ avg rate of 35434 scfm
5878' - 5948' (30 holes)	19.8 bbls 15% HCl & 45 bio-balls, frac w/95,000# 20/40 sand, 678 bbls gelwater, and N2 @ avg rate of 25325 scfm

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
10/10/13	10/20/13	24	→	0	272.22	0			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
0/64"	SI	na	→	0	272.22	0		Producing (C-104 Test Allowable expires 10/30/13)	

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	
	SI		→						

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

ACCEPTED FOR RECORD

NMOCD

OCT 28 2013

FARMINGTON FIELD OFFICE
BY William Tambora

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. St.	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. St.	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 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
					Meas. Depth
Ojo Alamo Kirtland	3214' 3380'	3380' 3528'		Cliffhouse Point Lookout	5387' 5877'
Fruitland Coal Pictured Cliffs	3528' 3702'	3702' 3798'		Dakota	7884'
Lewis Shale Cliffhouse	3798' 5387'	5387' 5522'			
Monee Point Lookout	5522' 5877'	5877' 6377'			
Mancos (Regulatory) Gallup	6377' 7058'	7058' 7804'			
Greenhorn Graneros Shale	7804' 7862'	7862' 7884'			
Dakota	7884'	TD			

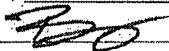
32. Additional remarks (include plugging procedure):

NSL-6766-A

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: Wellbore Diagram & C-102 (as-drilled)

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 10/25/2013

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.

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.)

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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	3214'	3380'		Cliffhouse	5387'
Kirtland	3380'	3528'		Point Lookout	5877'
Fruitland Coal	3528'	3702'		Dakota	7884'
Pictured Cliffs	3702'	3798'			
Lewis Shale	3798'	5387'			
Cliffhouse	5387'	5522'			
Manefee	5522'	5877'			
Point Lookout	5877'	6377'			
Mancos (Regulatory)	6377'	7058'			
Gallup	7058'	7804'			
Greenhorn	7804'	7862'			
Graneros Shale	7862'	7884'			
Dakota	7884'	TD			

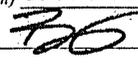
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