

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 14 2015

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NM-01614** ✓

6. If Indian, Allottee or Tribe Name

7. Unit of CA Agreement Name and No. **Report to Lease**

8. Lease Name and Well No. **Thompson 10N** ✓

9. API Well No. **30-045-35501 - 0002**

10. Field and Pool or Exploratory **Blanco Mesaverde** ✓

11. Sec., T., R., M., on Block and Survey or Area **Sec. 27, T31N, R12W** ✓

12. County or Parish **San Juan** 13. State **NM**

14. Date Spudded **10/8/2014** ✓ 15. Date T.D. Reached **11/2/2014** ✓ 16. Date Completed **12/20/14 GRU**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **GL - 6193'; KB - 6210'**

18. Total Depth: **7225'** ✓ 19. Plug Back T.D.: **7219'** ✓

20. Depth Bridge Plug Set: **MD TVD**

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8" H-40	32.3#	0	231'	n/a	76 Type III	22	0	5 bbls
8-3/4"	7", J-55	23 & 20#	0	4498' ✓	n/a	596 sx Prem Lite	215	0	10 bbls
6-1/4"	4-1/2" L-80	11.6#	0	7221'	n/a	210 sx Prem Lite	76	3600' ✓	

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"	7157'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pt. Lookout	4942'	5238'	4942' - 5238'	.34"	26	open
B) Menefee	4558'	4858'	4558' - 4858'	.34"	25	open
			Total MV holes		51	

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

Depth Interval	Amount and Type of Material
4942' - 5238'	Acid - 10 bbls 15% HCL; Frac-1098 bbls 70Q N2 foam w/124,400# 20/40 AZ sand & 1595 mscf N2
4558' - 4858'	Acid - 10 bbls 15% HCL; Frac- 811 bbls 70 Q N2 foam w/67,787# 20/40 AZ sand & 1426 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
12/20/2014		1	→	trace	100	0.5			flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI 950	798	→	3	2400	18			

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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aw

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.)

sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, 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	966	1005	White, cr-gr ss	Ojo Alamo	966
Kirtland	1006	2311	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1006
Fruitland	2312	2624	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2312
Pictured Cliffs	2625	2801	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2625
Lewis	2802	3332	Shale w/ siltstone stringers	Lewis	2802
Huerfanito Bentonite	3333	3690	White, waxy chalky bentonite	Huerfanito Bentonite	3333
Chacra	3691	4157	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	3691
Mesa Verde	4158	4407	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4158
Menefee	4408	4934	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4408
Point Lookout	4935	5304	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4935
Mancos	5305	6223	Dark gry carb sh.	Mancos	5305
Gallup	6224	6966	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6224
Greenhorn	6967	7024	Highly calc gry sh w/ thin lmst.	Greenhorn	6967
Graneros	7025	7084	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7025
Dakota	7085	7225	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7085
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss	Morrison	0

32. Additional remarks (include plugging procedure):

✓ This is a commingled MV/DK well being commingled per DHC 3885AZ

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) Patsy Clugston Title Staff Regulatory Technician
 Signature *Patsy Clugston* Date 12/30/2014

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.