

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

NMOCOD
APR 10 2018
DISTRICT III

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 29 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **NMSF-078496**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
San Juan 28-7 Unit

8. Lease Name and Well No.
San Juan 28-7 Unit 190F

9. API Well No.
30-039-26693

10. Field and Pool or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
Sec. 34, T28N, R07W, NMPM

12. County or Parish
Rio Arriba

13. State
New Mexico

14. Date Spudded **7/9/2001**

15. Date T.D. Reached **7/20/2001**

16. Date Completed **3/22/2018**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6070' GL

18. Total Depth: **7383'**

19. Plug Back T.D.: **7380'**

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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	293'		230 sx		0	
8-3/4"	7" J-55	20#	0	3916'		535 sx		0	
6-1/2"	4.5 J-55	11#	0	7383'		383 sx		2250	

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"	7288'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5143'	5349'	1 SPF	0.34"	19	Open
B) Menefee	4732'	5113'	1 SPF	0.34"	20	Open
C) Upper Cliffhouse	4536'	4668'	1 SPF	0.34"	19	Open
D) TOTAL					58	

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

Depth Interval	Amount and Type of Material
5143'-5349'	Acidized w/1000 gal 15% HCL. Foam FRAC'D w/115,400# 20/40 AZ sd, 20# Linear Bsd Gel @ 49.7 BPM, 916 bbl Liq, 1,204,404 SCF N2 71Q
4732'-5113'	Acidized w/1000 gal 15% HCL. Foam FRAC'D w/88,740# 20/40 AZ sd, 20# Linear Bsd Gel @ 38.7 BPM, 970 bbl Liq, 1,034,111 SCF N2 60Q
4536'-4668'	Acidized w/1000 gal 15% HCL. Foam FRAC'D w/92,220# 20/40 AZ sd, 20# Linear Bsd Gel @ 46.6 BPM, 717 bbl Liq, 837,312 SCF N2 68Q

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
3/22/2018	3/20/2018	1	→	0	115 mcf	9 bwph	N/A	N/A	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64	0 psi	190 psi	→	0	2771 mcf/d	216 bwpd	N/A	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)

NMOCOD

FARMINGTON FIELD OFFICE

By: [Signature]

Flowing

APR 03 2018

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.)

Vented

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	2133'	2220'	White, cr-gr ss	Ojo Alamo	2133'
Kirtland	2221'	2580'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2221'
Fruitland	2581'	2872'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2581'
Pictured Cliffs	2873'	3272'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2873'
Lewis	3273'	3844'	Shale w/ siltstone stringers	Lewis	3273'
Chacra	3845'	4532'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3845'
Cliffhouse	4533'	4675'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4533'
Menefee	4676'	5135'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4676'
Point Lookout	5136'	5629'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5136'
Mancos	5630'	6369'	Dark gry carb sh.	Mancos	5630'
Gallup	6368'	7060'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6368'
Greenhorn	7061'	7114'	Highly calc gry sh w/ thin lmst.	Greenhorn	7061'
Dakota	7115'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands clay & shale breaks	Dakota	7115'

32. Additional remarks (include plugging procedure):

Well is now producing as Mesaverde/Dakota commingle underDHC-401-0.

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) Christine Brock Title Operations/Regulatory Technician - Sr.
 Signature Christine Brock Date 3/29/18

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.