

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NMSF080750**

6. Indian, Alaska or Tribe Name
Farmington Field, BLM, Bureau of Land Management

7. Unit or CA Agreement Name and No.
NMNM103103

8. Lease Name and Well No.
Sunray F 1F

9. API Well No.
30-045-34450

10. Field and Pool or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
Sec 26, T30N, R10W

12. County or Parish
San Juan

13. State
New Mexico

14. Date Spudded
11/30/2007

15. Date T.D. Reached
12/8/2007

16. Date Completed
3/4/2019
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6252' GL

18. Total Depth:
7394'

19. Plug Back T.D.:
7391'

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", H-40	32.3#	0	243'	n/a	224 sx		0	27 bbls
8-3/4"	7", J-55	23.0#	0	4753'	n/a	658 sx		0	55 bbls
6-1/4"	4-1/2", J-55	10.5#/11.6#	0	7393'	n/a	197 sx		4500'	none

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"	7250'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5096'	5405'	1 spf	0.30"	45	Open
B) Menefee	4658'	5031'	1 spf	0.30"	45	Open
C) Cliffhouse	4436'	4576'	1 spf	0.30"	45	Open
D) Total					135	

26. Perforation Record

Depth Interval	Amount and Type of Material
4440'	Sqz'd w/ 596 sx Type G cmt. Circ 23 bbls to surface.
5096'-5405'	Foam frac'd Pt Lookout w/ 165,986 lbs 40/70 and 47,223 gal slickwater and 1.4 million SCF N2. 70 Quality.
4658'-5031'	Foam frac'd Menefee w/ 198,425 lbs 40/70 and 53,334 gal slickwater and 2.1 million SCF N2. 70 Quality.
4436'-4576'	Foam frac'd Cliffhouse w/ 153,775 lbs 40/70 and 38,254 gal slickwater and 1.12 million SCF N2. 70 Quality.

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

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
3/4/2019	3/4/2019	1	→	0	18.6	2.4	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	
N/A	SI-342 psi	SI-394psi	→	0	446 mcf/d	57 bpd	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)

NMOCDFV

Accepted for Record

3/10/19 Tsalysers

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	1693	1768	White, cr-gr ss	Ojo Alamo	1693
Kirtland	1768	2408	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1768
Fruitland	2408	2827	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2408
Pictured Cliffs	2827	2998	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2827
Lewis	2998	3366	Shale w/ siltstone stingers	Lewis	2998
Huerfanito Bentonite	3366	3732	White, waxy chalky bentonite	Huerfanito Bentonite	3366
Chacra	3732	4325	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3732
Mesa Verde	4325	4578	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4325
Menefee	4578	5090	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4578
Point Lookout	5090	5482	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5090
Mancos	5482	6296	Dark gry carb sh.	Mancos	5482
Gallup	6296	7069	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6296
Greenhorn	7069	7120	Highly calc gry sh w/ thin Imst.	Greenhorn	7069
Graneros	7120	7171	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7120
Dakota	7171		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7171
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

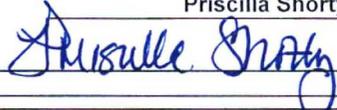
32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/ Basin Dakota under DHC 4064 AZ and Density Exception R-14714

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) Priscilla Shorty Title Operations/Regulatory Technician - Sr.
 Signature  Date 3/6/2019

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.