

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

JUL 10 2018

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

NMOCD

JUL 18 2018

DISTRICT III

5. Lease Serial No.
NMSF-0785801a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,Other: **RECOMPLETE**

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)

(505) 599-3400

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Woodriver 2B

9. API Well No.

30-045-33773

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **Unit E (SW/NW), 1755' FNL & 805' FWL**At top prod. Interval reported below **Same as above**At total depth **Same as above**

10. Field and Pool or Exploratory

Blanco Mesaverde11. Sec., T., R., M., on Block and
Survey or Area**Sec. 09, T30N, R08W**

12. County or Parish

San Juan

13. State

New Mexico

14. Date Spudded

10/13/2006

15. Date T.D. Reached

10/24/2006

16. Date Completed

7/7/2018☐ D & A☒ Ready to Prod.

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

6282' GL

18. Total Depth:

7691'

19. Plug Back T.D.:

7689'

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	160'	n/a	130 sx		0	10 bbls
8-3/4"	7" J-55	20#	0	3322'	2473'	406 sx		515'	None
6-1/4"	4-1/2" J-55	10.5#	0	7691'	n/a	494 sx		2630'	None
	4-1/2" N-80	11.6#							

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"	7554'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5345'	5498'	1 SPF	0.34"	45	open
B) Menefee	5045'	5260'	1 SPF	0.34"	45	open
C) Cliffhouse	4864'	4954'	1 SPF	0.34"	45	open
D) Total					135	

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

Depth Interval	Amount and Type of Material
5345'-5498'	Foam frac'd Point Lookout w/ 75,170# 40/70 sand & 21,939 gal slickwater & 0.756M SCF N2 70Q
5045'-5260'	Foam frac'd Menefee w/ 201,000# 40/70 sand & 62,326 gal slickwater & 1.97M SCF N2 70Q
4864'-4954'	Foam frac'd Cliffhouse w/ 152,500# 40/70 sand & 42,523 gal slickwater & 1.36M SCF N2 70Q

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
7/7/2018	7/7/2018	1	→	0	19.3	0	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	
1" Seat & Trim	SI-421 psi	SI-527psi	→	4.4bopd	463 mcfd	6.5 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)

NMOCD PV

ACCEPTED FOR RECORD

JUL 12 2018

FARMINGTON FIELD OFFICE

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	1969	2103	White, cr-gr ss	Ojo Alamo	1969
Kirtland	2103	2818	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2103
Fruitland	2818	3097	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2818
Pictured Cliffs	3097	3213	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3097
Lewis	3213	3807	Shale w/ siltstone stringers	Lewis	3213
Huerfano Bentonite	3807	4152	White, waxy chalky bentonite		3807
Chacara	4152	4859	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	4152
Mesa Verde	4859	4962	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4859
Menefee	4962	5305	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4962
Point Lookout	5305	5650	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5305
Mancos	5650	6610	Dark gry carb sh.	Mancos	5650
Gallup	6610	7337	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6610
Greenhorn	7337	7389	Highly calc gry sh w/ thin lmst.	Greenhorn	7337
Graneros	7389	7450	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7389
Dakota	7450		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7450

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/ Basin Dakota under DHC 4035AZ

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)*

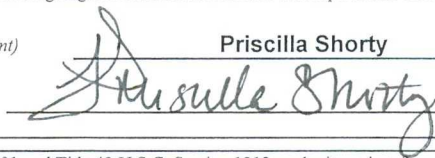
Name (please print)

Priscilla Shorty

Title

Operations Regulatory Technician - Sr.

Signature



Date

7/10/2018

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.