

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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

5. Lease Serial No.
NMSF-078138

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Marx Federal 1

9. API Well No.

30-045-11898

10. Field and Pool or Exploratory

Blanco Mesaverde

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

Sec. 20, T30N, R11W

12. County or Parish

San Juan

13. State

New Mexico

1a. 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

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

At surface Unit P (SE/SE), 985' FSL & 1160' FEL

At top prod. Interval reported below Same as above

At total depth Same as above

14. Date Spudded

1/10/1967

15. Date T.D. Reached

1/20/1967

16. Date Completed

8/22/2018

☐ D & A

☒ Ready to Prod.

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

5786' GL

18. Total Depth:

6760'

19. Plug Back T.D.:

6735

20. Depth Bridge Plug Set:

MD

TVD

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

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	312	n/a	175 sx		0	
7-7/8"	4-1/2" J-55	10.5#	0	6760'	2307'/4824'	1025 sx		290'	

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"	6701'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mesaverde	4034'	4488'	Isolated hole in casing	0.34"	30	open
Menefee	4146'	4392'	1 SPF	0.34"	50	open
Point Lookout	4434'	4662'	1 SPF	0.34"	80	open
Total						

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

Depth Interval	Amount and Type of Material
4034'-4662'	Foam frac'd Mesaverde w/ 300,500# 20/40 and 72,293 gal slickwater & 2.54 million SCF N ₂ 700

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
8/22/2018	8/22/2018	1	→	0.48	20	0.27	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	SI-35psi	SI-620psi	→	11.5	481	6.5	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
			→						NMOCD
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI	SI		→						DISTRICT III

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

NMOCD

N

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
Kirtland	1824	2078	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1824
Pictured Cliffs	2078	2210	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2078
Lewis	2210	2863	Shale w/ siltstone stingers	Lewis	2210
Huerfano Bentonite	2863	3710	White, waxy chalky bentonite		2863
Mesa Verde	3710	3884	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3710
Menefee	3884	4379	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3884
Point Lookout	4379	4750	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4379
Mancos	4750	5683	Dark gry carb sh.	Mancos	4750
Gallup	5683	6415	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5683
Greenhorn	6415	6488	Highly calc gry sh w/ thin lmst.	Greenhorn	6415
Graneros	6488	6604	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6488
Dakota	6604		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6604

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/ Basin Dakota under DHC 4055AZ

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)*

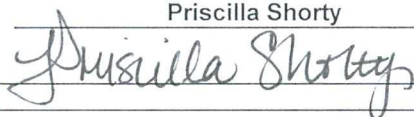
Name (please print)

Priscilla Shorty

Title

Operations Regulatory Technician - Sr.

Signature



Date

8/27/2018

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.