

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No.

NM03154

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

Hilcorp Energy Company

8. Lease Name and Well No.

Ballard 14F

3. Address

382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)

(505) 599-3400

9. API Well No.

30-045-33910

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

At surface

Unit N (SESW), 985' FSL &amp; 1380' FWL

10. Field and Pool or Exploratory

Blanco Mesaverde

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

Sec. 14, T26N, R09W, NMPM

12. County or Parish

San Juan

13. State

New Mexico

At total depth

Same as above

14. Date Spudded

1/16/2007

15. Date T.D. Reached

2/3/2007

16. Date Completed

10/20/2018

☐ D & A☒ Ready to Prod.

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

6353' GL

18. Total Depth:

6767'

19. Plug Back T.D.:

6764'

20. Depth Bridge Plug Set:

MD  
TVD

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

Temp &amp; Sound Log

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"	8-5/8" J-55	24#	0	361'		250 sx (295 cf)			
7-7/8"	4-1/2" N-80	11.6#	0	6765'		1167 sx (2166 cf)			

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"	6636'							

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
Cliffhouse	3586'	3594'	6 SPF	0.42"	48	Open
TOTAL					48	

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

Depth Interval	Amount and Type of Material
3586' - 3594'	Acidized w/1000 gal 15% HCL
3495' - 3596'	Cement Squeeze w/ 150 sx (173 cf - 31 = 1.15 yd) Type G cement

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
10/23/2018	N/A	N/A	→	N/A	N/A	N/A	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	N/A	N/A	→	N/A	N/A	N/A	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

## 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	1222'	1323'	White, cr-gr ss	Ojo Alamo	1222'
Kirtland	1323'	1753'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1323'
Fruitland	1753'	2025'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1753'
Pictured Cliffs	2025'	2100'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2025'
Lewis	2100'	2896'	Shale w/ siltstone stringers	Lewis	2100'
Chacra	2896'	3585'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2896'
Cliffhouse	3585'	3664'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	3585'
Menefee	3664'	4437'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3664'
Point Lookout	4437'	4705'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4437'
Mancos	4705'	5481'	Dark gry carb sh.	Mancos	4705'
Gallup	5481'	6337'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5481'
Greenhorn	6337'		Highly calc gry sh w/ thin lmst.	Greenhorn	6337'
Dakota	6418'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	6418'

## 32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde / Basin Dakota commingle under DHC-4084 AZ.

## 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 BrockTitle Operations/Regulatory Technician - Sr.

Signature

Christine Brock

Date

10/30/18

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.