

RECEIVED

NMOCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2018

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: ☒ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: Recompletion

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: **UL: K (NESW) 1750' FSL & 1550' FWL**  
At top prod. Interval reported below: **Same as above**  
At total depth: **Same as above**

5. Lease Serial No.: **NMSF078146**  
6. If Indian, Allottee or Tribe Name:  
7. Unit or CA Agreement Name and No.:  
8. Lease Name and Well No.: **NEWBERRY A 2**  
9. API Well No.: **30-045-11892**  
10. Field and Pool or Exploratory: **BLANCO MESAVERDE**  
11. Sec., T., R., M., on Block and Survey or Area: **Sec. 09, T31N, R12W**  
12. County or Parish: **San Juan** 13. State: **New Mexico**

14. Date Spudded: **9/20/1965** 15. Date T.D. Reached: **11/6/1965** 16. Date Completed: **5/7/2019**  
☐ D & A ☒ Ready to Prod.  
17. Elevations (DF, RKB, RT, GL)\*: **6130' gl**

18. Total Depth: **7370' MD** 19. Plug Back T.D.: **7331' MD** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): **CBL, MIT**  
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"	8 5/8" J-55	24	0	265'		175			
6 3/4"	4 1/2" J-55	10.5 & 11.6	0	7370'		700			

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"	7153.01"							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) POINTLOOKOUT	4888'	5172'	1 SPF	0.34	67	OPEN
B) MENELEE	4818'	4868'	1 SPF	0.34	13	OPEN
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) POINTLOOKOUT	4888'	5172'	1 SPF	0.34	67	OPEN
B) MENELEE	4818'	4868'	1 SPF	0.34	13	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
2664' - 2726' (CSG SQZ)	SQZ PLG W/23 SX TYPE G CMT (MIXED @ 15.8 PPG, 1.13 CU FT/SX, 26 CU FT)
	RESQZ PLG W/30 SX TYPE G CMT (MIXED @ 15.8 PPG, 1.13 CU FT/SX, 33.9 CU FT)
	RESQZ PMP BALANCE PLG W/30 SX TYPE G CMT W/1% KCL (MIXED @ 15.9 PPG, 1.13 CU FT/SX, 33.9 CU FT)
5442' - 5474' (CSG SQZ)	PMP BALANCE PLG W/30 SX TYPE G CMT W/1% KCL (MIXED @ 15.9 PPG, 1.13 CU FT/SX, 33.9 CU FT)
	PMP BALANCE PLG W/16 SX TYPE G CMT W/1% KCL (MIXED @ 15.9 PPG, 1.13 CU FT/SX, 18.1 CU FT)
4918' - 4868' - 5172'	FOAM FRAC'D MESAVERDE W/300,240 LBS 40/70 AND 70,847 GAL SLICKWATER AND 2.41 MILLION SCF N2. 70 QUALITY.

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
5/9/2019	5/9/2019	1	→	0	0.2	0.16	N/A	N/A	Flowing

Choke Size: **SI-150** Tbg. Press. Flwg. **SI-150** Csg. Press. **SI-150** 24 Hr. Rate **→** Oil BBL **0** Gas MCF **5** Water BBL **4** Gas/Oil Ratio **N/A** Well Status **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: **SI** Tbg. Press. Flwg. **SI** Csg. Press. **SI** 24 Hr. Rate **→** Oil BBL **0** Gas MCF **5** Water BBL **4** Gas/Oil Ratio **N/A** Well Status **Producing**

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

NMOCD

ACCEPTED FOR RECORD

MAY 30 2019

FARMINGTON FIELD OFFICE  
BY: 

## 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 (Sold, 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
Pictured Cliffs	2590	3240	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2590
Huerfanito Bentonite	3240	4140	White, waxy chalky bentonite	Huerfanito Bentonite	3240
Cliff House	4140	4870	Light gry, med-fine gr ss, carb sh & coal	Cliff House	4140
Point Lookout	4870	5305	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4870
Mancos	5305	7078	Dark gry carb sh.	Mancos	5305
Dakota	7078	0	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7078
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure):

THIS WELL IS NOW PRODUCING AS A BLANCO MESAVERDE / BASIN DAKOTA UNDER DHC 4912

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) Amanda WalkerTitle Operations/Regulatory Technician - Sr.Signature Date 5/20/2019

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.

(Continued on page 3)

(Form 3160-4, page 2)