

RECEIVED

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

Farmington Field Office

Bureau of Land Management

5. Lease Serial No.

SF-078047

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

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.

Palluche HZMC 1H

3. Address

382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)

(505) 599-3400

9. API Well No.

30-039-31138

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

At surface Unit B (NWNE), 1042' FNL & 2088' FEL

FEB 22 2019

At top prod. Interval reported below

At total depth Unit E (SWNW), 1801' FNL & 417' FWL Sec. 34, T26N, R07W

10. Field and Pool or Exploratory

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

Sec. 35, T26N, R07W, NMPM

12. County or Parish

Rio Arriba

13. State

New Mexico

14. Date Spudded

6/11/2018

15. Date T.D. Reached

10/19/2018

16. Date Completed

12/14/2018

☐ D & A☒ Ready to Prod.

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

6925' GL

18. Total Depth: 14274' MD
6,520' TVD

19. Plug Back T.D.:

MD 14142' TVD 6520'

20. Depth Bridge Plug Set: MD
13,605' MD TVD

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

Tippie Combo 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
17-1/2"	13-3/8" J-55	54.5#	0	364'	n/a	430 sx		0'	
12-1/4"	9-5/8" P-110	40#	0	6028'	n/a	2183 sx		0'	
8-3/4"	5-1/2" P-110	20#	4000'	14241'	n/a	2115 sx		4000'	

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" L-80	6849.6'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Mancos	7020'	14121'	14,020' - 14,121' MD	.49" / 6 spf	30	Open
B)			7020'-13996' MD	.37" / 6 spf	1680	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
7020' - 14,121'	117,000 gals of 7-1/2% HCL & 7,144,011 gals of Slick Water, 2,632,800 #s 100 Mesh sd & 5,613,191 #s of 40/70 sd, Flush: 8,394 fluid bbls.

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
11/22/2018	11/26/2018	24	→	108	1052	1756			Gas Lift
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
48/64	402	957	→	108	1052	1756	9740		Flowing

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)

NMOCD

CONFIDENTIAL

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	2153'				
Kirtland	5466'				
Fruitland	2750'				
Pictured Cliffs	3000'				
Chacra	3849'				
Lewis	3904'				
Menefee	5227'				
Point Lookout	5228'				
Mancos	5550'				
Greenhorn	7190'				
Graneros	7246'				
Dakota	7310'				

32. Additional remarks (include plugging procedure):

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 Brock

Title

Operations/Regulatory Technician - Sr.

Signature

Christine Brock

Date

11/29/19

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.