

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

AUG 17 2018

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

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 H (SE/NE) 1350' FNL & 735' FEL**

At top prod. Interval reported below **Same as above**

At total depth **Same as above**

14. Date Spudded

**1/15/2009**

15. Date T.D. Reached

**2/2/2009**

16. Date Completed

**7/8/2018**

☐ D & A

☒ Ready to Prod.

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

**6292' GL**

18. Total Depth:

**7453' MD**

19. Plug Back T.D.:

**7448' MD**

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8", H-40	32.3#	0	346'		200		0	18 bbls
8 3/4"	7", J-55	20#	0	3127'		435		0	43 bbls
6 1/4"	4 1/2", L-80	11.6#		7449'		330			None

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"	7348'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Pointlookout</b>	<b>5144'</b>	<b>5356'</b>	<b>1 SPF</b>	<b>0.34</b>	<b>45</b>	<b>Open</b>
B) <b>Menefee</b>	<b>4700'</b>	<b>5047'</b>	<b>1 SPF</b>	<b>0.34</b>	<b>45</b>	<b>Open</b>
C) <b>Cliffhouse</b>	<b>4490'</b>	<b>4646'</b>	<b>1 SPF</b>	<b>0.34</b>	<b>45</b>	<b>Open</b>
D) <b>Total</b>					<b>135</b>	

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

Depth Interval	Amount and Type of Material
5144' - 5356'	FOAM FRAC'D PT LOOKOUT W/152,670 LBS 40/70 & 43,169 GAL SLICKWATER & 1.35 MILLION SCF N2. 70 QUALITY
4700' - 5047'	FOAM FRAC'D MENELEE W/200,050 LBS 40/70 & 52,729 GAL SLICKWATER & 2.11 MILLION SCF N2. 70 QUALITY
4490' - 4646'	FOAM FRAC'D CLIFFHOUSE W/148,960 LBS 40/70 AND 40,310 GAL SLICKWATER & 1.20 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
<b>7/9/2018</b>	<b>7/9/2018</b>	<b>1</b>	<b>→</b>	<b>0</b>	<b>10.6</b>	<b>1.57</b>	<b>N/A</b>	<b>N/A</b>	<b>Flowing</b>
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
<b>1" Seat &amp; Trim</b>	<b>SI-310</b>	<b>SI-493</b>	<b>→</b>	<b>0</b>	<b>255</b>	<b>37.7 bwpd</b>	<b>N/A</b>	<b>Producing</b>	

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
			<b>→</b>						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
<b>SI</b>			<b>→</b>						

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

ACCEPTED FOR RECORD

AUG 30 2018

FARMINGTON FIELD OFFICE

By: **Producing**

NMOCD

AUG 31 2018

DISTRICT III

Formation TD's Amended

NMOCD Ar

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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):				31. Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	1639	1732	White, cr-gr ss	Ojo Alamo	1639
Kirtland	1732	2509	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1732
Fruitland	2509	2894	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2509
Pictured Cliffs	2894	3030	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2894
Lewis	3030	3610	Shale w/ siltstone stingers	Lewis	3030
Huerfanito Bentonite	3610	3862	White, waxy chalky bentonite		3610
Chacra	3862	4385	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3862
Mesa Verde	4385	4654	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4385
Menefee	4654	5130	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4654
Point Lookout	5130	5501	of formation	Point Lookout	5130
Mancos	5501	6389	Dark gry carb sh.	Mancos	5501
Gallup	6389	7132	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6389
Greenhorn	7132	7185	Highly calc gry sh w/ thin lmst.	Greenhorn	7132
Graneros	7185	7326	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7185
Dakota	7326		bands cly Y shale breaks	Dakota	7326
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		0


**This well is now producing as a Blanco Mesaverde / Basin Dakota under DHC 4056AZ.**

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 Walker Title Operations/Regulatory Technician - Sr.

Signature  Date 8.16.2018

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.