

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.

NMSF-078384

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 F (SENW), 1620' FNL & 1900' FWL

At top prod. Interval reported below

At total depth

Same as above

14. Date Spudded

11/27/2006

15. Date T.D. Reached

12/1/2006

16. Date Completed

11/4/2018

☐ D & A

☒ Ready to Prod.

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

6329' GL

18. Total Depth:

6699'

19. Plug Back T.D.:

6698'

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 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	326'		323 sx (371 cf)			
7-7/8"	4-1/2" N-80	11.6#	0	6699'		1,356 sx (2,198 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"	4451'							

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Mesaverde	4401'	4497'	1 SPF	0.34"	22	Open
B)						
C)						
D) TOTAL						

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

Depth Interval	Amount and Type of Material
4401' - 4497'	Acidized w/500 gal 15% HCL, 73,780,000 gal 70Q Foam, 100,820 #s 20/40 AZ sand, 971,584 scf N2, 40 fluid bbls Flush.

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
11/7/2018	10/31/2018	1	→	0	45 mcf	26 bbl	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	
38/64"	220	N/A	→	0	1080 mcf	624 mcf	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						

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

NMCCF

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	1326'	1431'	White, cr-gr ss	Ojo Alamo	1326'
Kirtland	1431'	1933'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1431'
Fruitland	1933'	2100'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1933'
Pictured Cliffs	2100'	2221'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2100'
Lewis	2221'	2989'	Shale w/ siltstone stringers	Lewis	2221'
Chacra	2989'	3682'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2989'
Cliffhouse	3682'	3748'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	3682'
Menefee	3748'	4398'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3748'
Point Lookout	4398'	4765'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4398'
Mancos	4765'	5540'	Dark gry carb sh.	Mancos	4765'
Gallup	5540'	6385'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5540'
Greenhorn	6385'		Highly calc gry sh w/ thin Imst.	Greenhorn	6385'
Graneros	6438'	6474'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6438'
Dakota	6474'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	6474'

32. Additional remarks (include plugging procedure):

Well is currently producing the Blanco Mesaverde. Verbal approval by BLM & NMOCD to isolate Dakota for up to 90 dias.

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

11/18/18

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.