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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 15 2018

FORM APPROVED SEP 20 2018
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. Farmington Field Office
SF-077806 Bureau of Land Management

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), 1750' FNL & 1650' FWL
 At top prod. Interval reported below:
 At total depth: Same as above

6. If Indian, Allottee or Tribe Name: Huerfano Unit

7. Unit or CA Agreement Name and No.: Huerfano Unit 179

8. Lease Name and Well No.: Huerfano Unit 179

9. API Well No.: 30-045-20256

10. Field and Pool or Exploratory: Huerfano Pictured Cliffs

11. Sec., T., R., M., on Block and Survey or Area: Sec. 14, T26N, R10W, NMPM

12. County or Parish: San Juan
 13. State: New Mexico

14. Date Spudded: 4/8/1968
 15. Date T.D. Reached: 4/23/1968
 16. Date Completed: 9/6/2018
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: 6660' GL

18. Total Depth: 6964'
 19. Plug Back T.D.: 6957'
 20. Depth Bridge Plug Set: MD
 TVD

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

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	210'		170 sx			
7-7/8"	4 1/2" J-55	10.5#	0	6964'		575 sx			

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"	2215'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Pictured Cliffs	2205'	2246'	2 SPF	0.34"	82	Open
TOTAL					82	

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

Depth Interval	Amount and Type of Material
2205' - 2246'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/ 148,010# 20/40 AZ sd w/ sand wedge additive, 90,720 gal 70Q 20#N2 Foam Gel, 13 Liq bbl Flush, 838,254 SCF N2

ACCEPTED FOR RECORD
 FARMINGTON FIELD OFFICE
 By: 

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
NA	NA	NA	➔	NA	NA	NA	N/A	N/A	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	NA	NA	➔	NA	NA	Na	N/A	Shut In	

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)

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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.)

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	1271'	1404'	White, cr-gr ss	Ojo Alamo	1271'
Kirtland	1404'	1778'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1404'
Fruitland	1778'	2200'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1778'
Pictured Cliffs	2200'	2335'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2200'
Lewis	2335'	2632'	Shale w/ siltstone stingers	Lewis	2335'
Huerfano Bentonite	2632'	3080'	White, waxy chalky bentonite	Huefanito Bentonite	2632'
Chacra	3080'	3782'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3080'
Cliffhouse	3782'	3856'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	3782'
Menefee	3856'	4658'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3856'
Point Lookout	4658'	4904'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4658'
Mancos	4904'	5700'	Dark gry carb sh.	Mancos	4904'
Gallup	5700'	6594'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5700'
Greenhorn	6594'	6652'	Highly calc gry sh w/ thin lmst.	Greenhorn	6594'
Graneros	6652'	6764'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6652'
Dakota	6764'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6764'

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 9/19/2018

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.