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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 15 2018

FORM APPROVED

OMB No. 1004-0137

Expires: July 31, 2018

SEP 20 2018

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

SF-077806

Farmington Field Office  
Bureau of Land Management

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,		7. Unit or CA Agreement Name and No. Huerfano Unit	
Other: RECOMPLETE		8. Lease Name and Well No. Huerfano Unit 179	
2. Name of Operator Hilcorp Energy Company		9. API Well No. 30-045-20256	
3. Address 382 Road 3100, Aztec, NM 87410		10. Field and Pool or Exploratory Huerfano Pictured Cliffs	
3a. Phone No. (include area code) (505) 599-3400		11. Sec., T., R., M., on Block and Survey or Area Sec. 14, T26N, R10W, NMPM	
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		12. County or Parish San Juan	
14. Date Spudded 4/8/1968		13. State New Mexico	
15. Date T.D. Reached 4/23/1968		17. Elevations (DF, RKB, RT, GL)* 6660' GL	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 9/6/2018		20. Depth Bridge Plug Set: MD TVD	
18. Total Depth: 6964'		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL	
19. Plug Back T.D.: 6957'		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
B)						
C)						
D) 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. 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)

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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 silty 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.