

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

JAN 28 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 - Amended**

2. Name of Operator: **Hilcorp Energy Company**  
 3. Address: **PO Box 4700, Farmington, NM 87499** 3a. Phone No. (include area code): **(505) 599-3400**  
 5. Lease Serial No.: **NMSF-078640**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: **Unit K (NESW), 1650' FSL & 1650' FWL**  
 At top prod. Interval reported below: **Same as above**  
 At total depth: **Same as above**  
 6. If Indian, Allottee or Tribe Name: **Farmington Field Office, Bureau of Land Management**  
 7. Unit or CA Agreement Name and No.: **San Juan 28-7 Unit**  
 8. Lease Name and Well No.: **San Juan 28-7 Unit 155**  
 9. API Well No.: **30-039-20430**  
 10. Field and Pool or Exploratory: **Blanco Mesaverde**  
 11. Sec., T., R., M., on Block and Survey or Area: **Sec. 22, T27N, R07W, NMPM**  
 12. County or Parish: **Rio Arriba** 13. State: **New Mexico**

14. Date Spudded: **10/3/1971** 15. Date T.D. Reached: **10/22/1971** 16. Date Completed: **4/27/2018**  
 D & A  Ready to Prod.  
 17. Elevations (DF, RKB, RT, GL)\*: **6581' GL**  
 18. Total Depth: **7575'** 19. Plug Back T.D.: **7558'** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): **CBL & Tracer 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
13-3/4"	9-5/8" H-40	32.3#	0	209'		190		0	
8-3/4"&7-7/8"	4-1/2" K-55	10.5# 7 11.6#	0	7575'		575		0	

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"	7408'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5262'	5460'	1 SPF	0.34"	21	Open
B) Menefee	4833'	5199'	1 SPF	0.34"	22	Open
C) Hole in Csg	4660'	4710'				Open
D) Hole in Csg	4386'	4450'				Open
E) TOTAL					43	

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

Depth Interval	Amount and Type of Material
4833' - 5460'	Acidized w/1500 gal 15% HCL. W/109,100 gals of 70 Q & 111,400 gals of 65 Q Water Frac G 20# Foam, 292,500# 20/40 AZ sd w/ sandwedge max additive, 2,976,288 SCF N2, 30 bbls Fluid

APPROVED FOR RECORD  
 FARMINGTON FIELD OFFICE  
 By: *[Signature]*

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
4/28/2018	4/20/2018	1	→	0	110 mcf	9 bwph	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	
1"	100 psi	0 psi	→	0	2657 mcf/d	216 bwpd	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
			→						NMOCD
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)

NMOCD AV

JAN 31 2019  
DISTRICT III

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	2190'	2345'	White, cr-gr ss	Ojo Alamo	2190'
Kirtland	2345'	2741'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2345'
Fruitland	2741'	3000'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2741'
Pictured Cliffs	3000'	3913'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3000'
Lewis	3138'	4702'	Shale w/ siltstone stingers	Lewis	3138'
Huerfano Bentonite	3501'	4750'	White, waxy chalky bentonite	Huerfano Bentonite	3501'
Chacra	3913'	4702'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3913'
Cliffhouse	4702'	4750'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4702'
Menefee	4750'	5255'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4750'
Point Lookout	5255'	5620'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5255'
Mancos	5620'	6409'	Dark gry carb sh.	Mancos	5620'
Gallup	6409'	7183'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6409'
Greenhorn	7183'	7237'	Highly calc gry sh w/ thin lmst.	Greenhorn	7183'
Dakota	7237'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	7237'

32. Additional remarks (include plugging procedure):

**Well is now producing as Pictured Cliffs/Mesaverde/Dakota commingle under DHC-2513-A.**

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 1/8/2019

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.