

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NMSF-078640

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

Other: RECOMPLETE

2. Name of Operator

Hilcorp Energy Company

3. Address

PO Box 4700, Farmington, NM 87499

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 N (SESW), 20' FSL &amp; 1980' FWL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

8/15/2002

15. Date T.D. Reached

10/7/2002

16. Date Completed

3/25/2018  
☐ D & A ☒ Ready to Prod.

6. Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

San Juan 28-7 Unit

8. Lease Name and Well No.

San Juan 28-7 Unit 155F

9. API Well No.

30-039-27037

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

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

6667' GL

18. Total Depth:

7600'

19. Plug Back T.D.:

7597'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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"	9-5/8" J-55	36#	0	234'		100		0	
8-3/4"	7" J-55	20#	0	4233'		494		0	
6-1/4"	4.5 J-55	11#	0	7599'		397		2150	

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"	7504'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5330'	5504'	1 SPF	0.34"	20	Open
B) Menefee	4966'	5266'	1 SPF	0.34"	21	Open
C)						
D) TOTAL					41	

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

Depth Interval	Amount and Type of Material
5330'-5504'	Acidized w/1000 gal 15% HCL. Foam FRAC'D w/285,000# 20/40 AZ sd, 20# Linear Bsd Gel @ 51.5 BPM, 1578 bbl Liq, 2,352,761 SCF N2 71Q
4966'-5266'	Acidized w/1000 gal 15% HCL. Foam FRAC'D w/266,320# 20/40 AZ sd, 20# Linear Bsd Gel @ 34.5 BPM, 1466 bbl Liq, 2,010,534 SCF N2 60Q

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
3/26/2018	3/23/2018	1	→	0	93 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	
32/64	0 psi	360 psi	→	0	2254 mcfd	216 bwph	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			→						

## 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	2322'	2418'	White, cr-gr ss	Ojo Alamo	2322'
Kirtland	2418'	2835'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2418'
Fruitland	2835'	3060'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2835'
Pictured Cliffs	3060'	3976'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3060'
Chacra	3976'	4751'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3976'
Cliffhouse	4751'	4776'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4751'
Menefee	4776'	5323'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4776'
Point Lookout	5323'	5806'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5323'
Mancos	5806'	6482'	Dark gry carb sh.	Mancos	5806'
Gallup	6482'	7256'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6482'
Greenhorn	7256'	7350'	Highly calc gry sh w/ thin lmst.	Greenhorn	7256'
Dakota	7350'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	7350'

## 32. Additional remarks (include plugging procedure):

Well is now producing as Mesaverde/Dakota commingle under DHC-3971-AZ.

## 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

4/4/2018

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.