

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

MAY 31 2019

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

5. Lease Serial No. **NMSF079392**
 6. Field, Well or Lease Name
 7. Unit or CA Agreement Name and No. **San Juan 27-5 Unit**
 8. Lease Name and Well No. **SAN JUAN 27-5 UNIT 139**
 9. API Well No. **30-039-20464**
 10. Field and Pool or Exploratory **Blanco Mesaverde**
 11. Sec., T., R., M., on Block and Survey or Area **Sec. 20, T27N, R05W**
 12. County or Parish **Rio Arriba** 13. State **New Mexico**

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 K (NE/SW), 1840' FSL & 1840' FWL**
 At top prod. interval reported below **Same as above**
 At total depth **Same as above**

14. Date Spudded **2/27/1972** 15. Date T.D. Reached **3/7/1972** 16. Date Completed **5/23/2019**
 D & A Ready to Prod.
 17. Elevations (DF, RKB, RT, GL)* **6636', GL**

18. Total Depth: **7871'** 19. Plug Back T.D.: **7857'** 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" H-40	32.3#	0	237'	n/a	225 cf		Surface	
8 3/4"	7" K-55	20#	0	3790'	n/a	315 cf		TOC 2795'	
6 1/4"	4 1/2" K-55	11.6# & 10.5#	0	7871'	n/a	640 cf		TOC 2196'	

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"	7779'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CliffHouse / Upper Menefee	5055'	5254'	1 SPF, 1 run	0.34"	31	open
B) Point Lookout / Lower Menefee	5335'	5683'	1 SPF, 1 run	0.34"	29	open
C)					60	
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CliffHouse / Upper Menefee	5055'	5254'	1 SPF, 1 run	0.34"	31	open
B) Point Lookout / Lower Menefee	5335'	5683'	1 SPF, 1 run	0.34"	29	open
C)					60	
D)						

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

Depth Interval	Amount and Type of Material
5055' - 5254'	Foam frac'd w/145,933#, 40/70 sand & 51,362 gal slickwater & 1.77 million SCF N2 70Q.
5335' - 5683'	Foam frac'd w/154,587#, 40/70 sand & 46,318 gal slickwater & 1.59 million SCF N2 70Q.

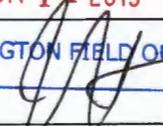
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/24/2019	5/24/2019	1	→	0	2.17	0	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	
7/8"	SI-451psi	SI-467psi	→	0 bopd	52 mcf/d	0 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
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

Farmington Field Office
Bureau of Land Management

JUN 14 2019
FARMINGTON FIELD OFFICE
BY: 

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.)

sold

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
Nacimiento	1388	2786	White, cr-gr ss	Nacimiento	1388
Ojo Alamo	2786	2900	White, cr-gr ss	Ojo Alamo	2786
Kirtland	2900	2950	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2900
Fruitland	2950	3423	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2950
Pictured Cliffs	3423	3484	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3423
Lewis	3484	4371	Shale w/ siltstone stingers	Lewis	3484
Chacra	4371	5053	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4371
MesaVerde	5053	5584	Light gry, med-fine gr ss, carb sh & coal	MesaVerde	5053
Point Lookout	5584	6051	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5584
Mancos	6051	6540	Dark gry carb sh.	Mancos	6051
Gallup	6540	7514	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6540
GreenHorn	7514	7567	Highly calc gry sh w/ thin lmst.	GreenHorn	7514
Graneros	7567	7691	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7567
Dakota	7691		Lt to dark gry foss carb al calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7691

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota under DHC 4028AZ / R-Order# 14708

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) Etta Trujillo Title Operations/Regulatory Technician Sr
 Signature Etta Trujillo Date 5/30/2019

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.