

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 20 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NMSF079391**

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,

6. If Indian, Allottee or Tribe Name

Other:

7. Unit or CA Agreement Name and No.  
San Juan 27-5 Unit

2. Name of Operator  
**Hilcorp Energy Company**

8. Lease Name and Well No.  
San Juan 27-5 Unit 163E

3. Address **382 Road 3100, Aztec, NM 87410** 3a. Phone No. (include area code)  
**(505) 599-3400**

9. API Well No.  
**30-039-30063**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **Unit K (NE/SW) 2355' FSL & 2695' FWL**

10. Field and Pool or Exploratory  
**Blanco Measverde**

At top prod. Interval reported below **same as above**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 18, T27N, R05W**

At total depth **same as above**

12. County or Parish **Rio Arriba** 13. State **New Mexico**

14. Date Spudded **4/10/2007** 15. Date T.D. Reached **4/27/2007** 16. Date Completed **7/16/2018**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6570' GL**

18. Total Depth: **7750'** 19. Plug Back T.D.: **7747'**

20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8", H-40	32.3#	0	230'	n/a	76 sx		Surface	
8-3/4"	7", J-55	20.0#	0	3542'	n/a	581 sx		Surface	
6-1/4"	4-1/2", J-55	10.5#, 11.6#	0	7747'	n/a	312 sx		TOC 2500'	

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"	7648'							

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) PointLookout / Lower Menefee	5378'	5647'	2 runs, 1SPF	0.34"	40	Open
B) CliffHouse / Upper Menefee	4975'	5314'	1 run, 1SPF	0.34"	42 holes	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
5378' - 5647'	Foam frac'd w/152,850# 20/40 & 48,444 gal slickwater & 1.67 million SCF N2. 70Q.
4975' - 5314'	Foamf frac'd w/147,570# 20/40 & 52,853 gal slickwater & 1.96 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
7/16/2018	7/16/2018	1	→	0	10.7 mcf	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-27 PSI	SI-490 PS	→	0 bopd	257 mcf/d	41.7 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		→						DISTRICT III

\*(See instructions and spaces for additional data on page 2)

NMOCD

ACCEPTED FOR RECORD

JUL 30 2018

FARMINGTON FIELD OFFICE

By: [Signature]

JUL 30 2018

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.)

**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
Ojo Alamo	2715'	2818	White, cr-gr ss	Ojo Alamo	2715'
Kirtland	2818	3124'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2818
Fruitland	3124'	3321	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	3124'
Pictured Cliffs	3321	3440	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3321
Lewis	3440	4267	Shale w/ siltstone stringers	Lewis	3440
Chacra	4267	4875	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4267
Mesa Verde	4875	5104	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4875
Menefee	5104	5517	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5104
Point Lookout	5517	5833	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5517
Mancos	5833	6660	Dark gry carb sh.	Mancos	5833
Gallup	6660	7419	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6660
Greenhorn	7419	7480	Highly calc gry sh w/ thin lmst.	Greenhorn	7419
Graneros	7480	7505	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7480
Dakota	7505		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7505

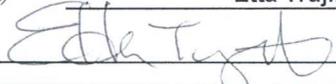
32. Additional remarks (include plugging procedure):

**Well is now producing as Blanco Mesaverde/Basin Dakota under DHC 3999AZ**

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  Date 7-20-18

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.