

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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. <b>NMSF079391</b>							
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.,		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 <b>Hilcorp Energy Company</b>		8. Lease Name and Well No. <b>San Juan 27-5 Unit 163E</b>							
3. Address <b>382 Road 3100, Aztec, NM 87410</b>		9. API Well No. <b>30-039-30063</b>							
3a. Phone No. (include area code) <b>(505) 599-3400</b>		10. Field and Pool or Exploratory <b>Blanco Measverde</b>							
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>Unit K (NE/SW) 2355' FSL &amp; 2695' FWL</b>  At top prod. Interval reported below <b>same as above</b>  At total depth <b>same as above</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 18, T27N, R05W</b>							
14. Date Spudded <b>4/10/2007</b>		15. Date T.D. Reached <b>4/27/2007</b>							
16. Date Completed <b>7/16/2018</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <b>6570' GL</b>							
18. Total Depth: <b>7750'</b>		19. Plug Back T.D.: <b>7747'</b>							
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)							
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"	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	Perforated 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)									
26. Perforation Record									
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		→						

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

NMOCD

## 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, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3124'
Pictured Cliffs	3321	3440	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3321
Lewis	3440	4267	Shale w/ siltstone stringers	Lewis	3440
Chacra	4267	4875	Gry fn grn 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 glauc 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 silty 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)\*

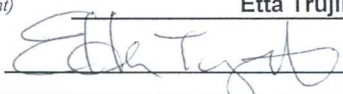
Name (*please print*)

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.