

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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>NMSF079392</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: <b>RECOMPLETE</b>						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 138F</b>			
3. Address <b>382 Road 3100, Aztec, NM 87410</b>				3a. Phone No. (include area code) <b>(505) 599-3400</b>		9. API Well No. <b>30-039-26625</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT A (NE/NE), 835' FNL &amp; 660' FEL</b>  At top prod. Interval reported below <b>same as above</b>  At total depth <b>same as above</b>						10. Field and Pool or Exploratory <b>Blanco Mesaverde</b>			
14. Date Spudded <b>7/7/2001</b>						15. Date T.D. Reached <b>7/19/2001</b>		16. Date Completed <b>11/16/2018</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
17. Elevations (DF, RKB, RT, GL)* <b>6391', GL</b>						11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 19, T27N, R05W</b>			
18. Total Depth: <b>7622'</b>						19. Plug Back T.D.: <b>7619'</b>		12. County or Parish <b>Rio Arriba</b>	
20. Depth Bridge Plug Set: <b>MD</b> <b>TVD</b>						13. State <b>New Mexico</b>			
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	217'	n/a	150 sx		Surface	14 bbls
8 3/4"	7" J-55	20#	0	3379'	n/a	608 sx		Surface	23 bbls
6 1/4"	4 1/2" J-55	10.5#	2573'	7620'	n/a	309 sx		TOC 3350'	
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"	7477'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
A) Mesaverde	4765'	5364'	1 SPF, 3 run		0.34"	81	open		
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4765' - 5364'		Foam frac'd w/300,060#, 40/70 sand & 84,424 gal slickwater & 3.07 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
11/16/2018	11/16/2018	1	→	0	14.6 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	
1"	SI-379 psi	SI-460psi	→	0 bopd	351 mcf/d	37 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									

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

NMOCD

Dec 20 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	2484'	2540'	White, cr-gr ss	Ojo Alamo	2484'
Kirtland	2540'	2690'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2540'
Fruitland	2690'	3117'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2690'
Pictured Cliffs	3117'	3294'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3117'
Lewis	3294'	3640'	Shale w/ siltstone stringers	Lewis	3294'
Huerfano Bentonite	3640'	4097'	White, waxy chalky bentonite	Huerfano Bentonite	3640'
Chacra	4097'	4680'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4097'
CliffHouse	4680'	4925'	Light gry, med-fine gr ss, carb sh & coal	CliffHouse	4680'
Menefee	4925'	5260'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4925'
Point Lookout	5260'	5650'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5260'
Mancos	5650'	6470'	Dark gry carb sh.	Mancos	5650'
Gallup	6470'	7238'	Lt. gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg. interbed sh.	Gallup	6470'
Greenhorn	7238'	7299'	Highly calc gry sh w/ thin lmst.	Greenhorn	7238'
Graneros	7299'	7320'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7299'
Dakota	7320'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7320'

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota under DHC 3997AZ

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

Signature

Date

11/20/2018

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.