

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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

JUN 19 2019

5. Lease Serial No.
NMSF079393

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

6. If Indian, Allottee or Tribe Name **Blanco Mesaverde**

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 89

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

9. API Well No.
30-039-07177

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Unit L (NWSW), 1589' FSL & 800' FWL**
At top prod. interval reported below **Same as above**
At total depth **Same as above**

10. Field and Pool or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
Sec. 4, T27N, R05W, NMPM

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

14. Date Spudded **11/24/1962** 15. Date T.D. Reached **12/14/1962** 16. Date Completed **6/16/2019**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6626' GL

18. Total Depth: **7920'** 19. Plug Back T.D.: **6800' (new)**

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
15"	10-3/4" H40	32.75#	0	314'	n/a	232 sx		surface	28 bbls
8-3/4 & 7-7/8"	4-1/2" J55	11.6 & 10.5#	0	7918'	3659 & 5895'	1055 sx		3270 & 4725'	

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"	5709'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PT Lookout / Lwr Menefee	5447'	5900'	1 SPF	0.34"	43	Open
B) Upper Menefee / Cliffhouse	5000'	5372'	1 SPF	0.29"	42	
C)						
D) TOTAL					85	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PT Lookout / Lwr Menefee	5447'	5900'	1 SPF	0.34"	43	Open
B) Upper Menefee / Cliffhouse	5000'	5372'	1 SPF	0.29"	42	
C)						
D) TOTAL					85	

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

Depth Interval	Amount and Type of Material
6800'	Pump 150 sx (173 cf - 30 bbls) = 1.15 yld cement @ 15.8 PPG, below CR @ 6800' - reverse circ 35 sx out.
5900'	Pump Cement Sqz w/205 sx (236 cf - 42 bbls) = 1.15 yld cement @ 15.8 PPG. Displace 24 bbls wtr.
5000'	Pump Cement Sqz w/290 sx (336 cf - 60 bbls) = 1.16 yld cement @ 15.8 PPG w/2% CACL2. Displace 20 bbls wtr.
5447' - 5760'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/151,320# 40/70 sd, 41,543 gal slkwtr & 1.47M SCF N2 70Q
5122' - 5372'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/148,540# 40/70 sd, 48,345 gal slkwtr & 1.67M 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
6/16/2019	6/16/2019	1	→	0 bbls	8 mcf	0.5 bbls	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"	220 psi	260 psi	→	2.9 bopd	123 mcf	13 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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(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	2770'	2962'	White, cr-gr ss	Ojo Alamo	2770'
Kirtland	2962'	3215'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2962'
Fruitland	3215'	3451'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3215'
Pictured Cliffs	3451'	3561'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3451'
Lewis	3561'	4030'	Shale w/ siltstone stringers	Lewis	3561'
Huerfanito Bent.	4030'	4386'	White, waxy chalky bentonite	Huerfanito Bentonite	4030'
Chacra	4386'	5121'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4386'
Cliffhouse	5121'	5276'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	5121'
Menefee	5276'	5631'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5276'
Point Lookout	5631'	6131'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5631'
Mancos	6131'	6785'	Dark gry carb sh.	Mancos	6131'
Gallup	6785'	7541'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6785'
Greenhorn	7541'	7600'	Highly calc gry sh w/ thin lmst.	Greenhorn	7541'
Dakota	7600'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands clay & shale breaks	Dakota	7600'

32. Additional remarks (include plugging procedure):

Basin Dakota formation was plugged and abandoned. Well is now producing as Blanco Mesaverde only.

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) Tammy Jones Title Operations/Regulatory Technician - Sr.
 Signature *Tammy Jones* Date 6/19/2019

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.