Form 3160-4
(June 2015)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: NMSF079521

Farmington Field Office
Bureau of Land Management

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

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: San Juan 28-5 Unit

2. Name of Operator: Hilcorp Energy Company

8. Lease Name and Well No.: SAN JUAN 28-5 UNIT 56

3. Address: 382 Road 3100, Aztec, NM 87410

3a. Phone No. *(include area code)*: (505) 599-3400

9. API Well No.: 30-039-07228

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

At surface: UNIT N (SE/SW), 800' FSL & 1650' FWL

10. Field and Pool or Exploratory: Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area: Sec. 32, T28N, R05W

At top prod. Interval reported below: Same as above

At total depth: Same as above

12. County or Parish: Rio Arriba

13. State: New Mexico

14. Date Spudded: 9/9/1962

15. Date T.D. Reached: 10/5/1962

16. Date Completed: [ ] D & A [X] Ready to Prod. 5/29/2019

17. Elevations (DF, RKB, RT, GL)*: 6614', GL

18. Total Depth: 7890'

19. Plug Back T.D.: 7825'

20. Depth Bridge Plug Set: MD / TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): CBL

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [X] 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/2"	10 3/4" H-40	32.3#	0	319'	n/a	210 sx		Surface	
6 1/4"	4 1/2" J-55	11.6# & 10.5#	0	7888'	n/a	605 sx		TOC 2920'	

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"	7768'							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	CliffHouse / Upper Menefee	5103'	5477'	1 SPF, 3 run	0.29"	39	open
B)	Point Lookout / Lower Menefee	5536'	5810'	1 SPF, 1 run	0.34"	47	open
C)						86	
D)							

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

Depth Interval	Amount and Type of Material
5103' - 5477'	Foam frac'd w/150,220#, 40/70 sand & 37,012 gal slickwater & 1.36 million SCF N2 70Q.
5536' - 5810'	Foam frac'd w/150,220#, 40/70 sand & 42,098 gal slickwater & 1.40 million SCF N2 70Q.
5110'	Pump'd 205 sx Class G Neat cmt @ 15.8ppg w/2% CACL2.

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JUN 17 2019
DISTRICT III

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
5/26/2019	5/26/2019	1	→	0	15.92	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-476psi	SI-95psi	→	0 bopd	382 mcf/d	0 bwpd	N/A	PRODUCING

ACCEPTED FOR RECORD

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
			→					

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FARMINGTON FIELD OFFICE
BY:

*(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	2890	3150	White, cr-gr ss	Ojo Alamo	2890
Kirtland	3150	3415	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3150
Fruitland	3415	3490	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3415
Pictured Cliffs	3490	3994	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3490
Lewis	3994	4369	Shale w/ siltstone stingers	Lewis	3994
Huerfanito Bentonite	4369	5085	White, waxy chalky bentonite	Huerfanito Bentonite	4369
Chacra	5085	5270	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	5085
Cliff House	5270	5607	Light gry, med-fine gr ss, carb sh & coal	Cliff House	5270
Menefee	5607	5750	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5607
Point Lookout	5750	6594	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5750
Mancos	6594	7525	Dark gry carb sh.	Mancos	6594
Gallup	7525	7582	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7525
GreenHorn	7582	7730	Highly calc gry sh w/ thin lmst.	GreenHorn	7582
Graneros	7730	7888	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7730
Dakota	7888		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7888

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota under DHC 4864

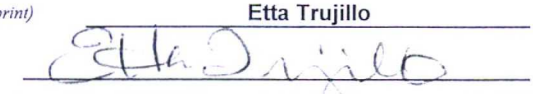
33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ 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 **6/3/2019**

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.

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