Form 3160-4
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: NMSF080505A

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 - AMENDED

6. If Indian, Allottee or Tribe Name

Farmington Field Office
Bureau of Land Management

7. Unit or CA Agreement Name and No.: San Juan 28-6 Unit

2. Name of Operator: Hilcorp Energy Company

8. Lease Name and Well No.: SAN JUAN 28-6 UNIT 117

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

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

9. API Well No.: 30-039-07458

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

At surface: UNIT J (NW/SE), 1545' FSL & 1700' FEL

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. 10, T28N, R06W

12. County or Parish: Rio Arriba

13. State: New Mexico

14. Date Spudded: 4/14/1965

15. Date T.D. Reached: 4/29/1965

16. Date Completed: [ ] D & A [X] Ready to Prod. 5/7/2019

17. Elevations (DF, RKB, RT, GL)*: 6397', GL

18. Total Depth: 7743'

19. Plug Back T.D.: 7728'

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 1/4"	8 5/8" J-55	24#	0	305'	n/a	175 sx		Surface	Circ
7 7/8"	4 1/2" J-55	11.6# & 10.5#	0	7742'	n/a	600 sx		TOC 656'	

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"	7669'							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Mesaverde	5010'	5710'	1 SPF, 2 runs	0.34"	54	open
B)	Total					54	
C)							
D)							

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

Depth Interval	Amount and Type of Material
5010' - 5710'	Foam frac'd w/10,200# 100 mesh, 293,660#, 40/70 sand & 83,620 gal slickwater & 2.97 million SCF N2 70Q.

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MAY 20 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
5/6/2019	5/6/2019	1	→	0	24.58 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-0psi	SI-308psi	→	0 bopd	590 mcf/d	15 bwpd	N/A	PRODUCING

28a. Production - Interval B

ACCEPTED FOR RECORD
MAY 17 2019
FARMINGTON FIELD OFFICE
BY:

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)

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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
Nacimento	1137	2512	White, cr-gr ss	Nacimento	1137
Ojo Alamo	2512	2627	White, cr-gr ss	Ojo Alamo	2512
Kirtland	2627	2950	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2627
Fruitland	2950	3288	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2950
Pictured Cliffs	3288	3481	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3288
Lewis	3481	3930	Shale w/ siltstone stingers	Lewis	3481
Huerfanito Bentonite	3930	4240	White, waxy chalky bentonite	Huerfanito Bentonite	3930
Chacra	4240	5027	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4240
CliffHouse	5027	5107	Light gry, med-fine gr ss, carb sh & coal	CliffHouse	5027
Menefee	5107	5465	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5107
Point Lookout	5465	5920	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5465
Mancos	5920	6680	Dark gry carb sh.	Mancos	5920
Gallup	6680	7424	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6680
GreenHorn	7424	7483	Highly calc gry sh w/ thin lmst.	GreenHorn	7424
Graneros	7483		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7483

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota under DHC 4033AZ / R-14771

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 5/16/2019

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.

(Continued on page 3)

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

Depth Interval	Amount and Type of Material
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28. Production - Interval A

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Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
7/8"	SI-0psi	SI-308psi	→	0 bopd	590 mcf/d	15 bwpd	N/A	PRODUCING

MAY 14 2019
DISTRICT III

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
			→					

ACCEPTED FOR RECORD
MAY 14 2019
FARMINGTON FIELD OFFICE
By:

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

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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.)*

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30. Summary of Porous Zones (Include Aquifers):

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Graneros	7483		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7483

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota under DHC 4033AZ / R-Order# 10696

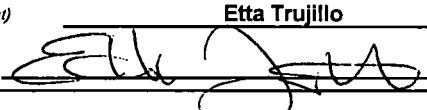
33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ 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 5/8/2019

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