

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 29 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office
Bureau of Land Management

NMSF079050A

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

Other: RECOMPLETE - AMENDED

2. Name of Operator: Hilcorp Energy Company

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: Unit H (SENE), 1850'FNL & 790' FEL

10. Field and Pool or Exploratory: Blanco Mesaverde
 11. Sec., T., R., M., on Block and Survey or Area: Sec. 26, T28N, R06W, NMPM

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: 9/19/1963
 15. Date T.D. Reached: 10/13/1963
 16. Date Completed: 4/13/2019 D & A Ready to Prod.
 17. Elevations (DF, RKB, RT, GL)*: 6650' GL

18. Total Depth: 7983'
 19. Plug Back T.D.: 7958'
 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	8-5/8" J55	24#	0	299'	n/a	200 sx		Surface	
7-7/8"	4-1/2" J55	11.6#	0	7978'	3600' & 5872'	540 sx		310' & 4898'	

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"	7846'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout / Lwr Menefee	5474'	5932'	1 SPF	0.32"	45	Open
B) Upper Menefee / Cliffhouse	5122'	5443'	1 SPF	0.32"	36	Open
C)						
D) TOTAL					81	

26. Perforation Record

Depth Interval	Amount and Type of Material
5474' - 5932'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/ 5,235# of 100 Mesh & 146,004# 40/70 sd, 46,776 gal slkwr & 1.60M SCF N2 70Q
5122' - 5443'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/ 5,204# of 100 Mesh & 153,865# 40/70 sd, 49,283 gal slkwr & 1.67M SCF N2 70Q
Perf 2 sqz holes @ 6250'	Mix & pump 165 sx (191 cf - 34 bbls) = 1.16 yld Class G neat cement @ 15.8 PPG w/2% CACL2. Displace w/23 bbls.

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

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
4/24/2019	4/24/2019	1	→	0 bbls	15 mcf	0 bwph	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"	439 psi	438 psi	→	1.5 bopd	371 mcfd	3.75 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		→						

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APR 30 2019

FARMINGTON FIELD OFFICE
BY:

NMSF079050A

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

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
Kirtland	2854'	3200'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2854'
Fruitland	3200'	3446'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. Bn-Gry, fine grn, tight ss. Shale w/ siltstone stingers	Fruitland	3200'
Pictured Cliffs	3446'	3540'		Pictured Cliffs	3446'
Lewis	3540'	4396'		Lewis	3540'
Chacra	4396'	5112'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4396'
Cliffhouse	5112'	5271'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	5112'
Menefee	5271'	5633'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5271'
Point Lookout	5633'	6132'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5633'
Mancos	6132'	6644'	Dark gry carb sh.	Mancos	6132'
Gallup	6644'	7573'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6644'
Greenhorn	7573'	7636'	Highly calc gry sh w/ thin lmst.	Greenhorn	7573'
Graneros	7636'	7694'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7636'
Dakota	7694'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	7694'

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota commingle under DHC4031AZ.

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: **ACCEPTED FOR RECORD**

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 4/29/2019 **FARMINGTON FIELD OFFICE BY:**

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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6. If Indian, Allottee or Tribe Name: _____
 7. Unit or Agreement Name and No.: **NMNM 78412A**
 8. Lease Name and Well No.: **San Juan 28-6 Unit 102**
 9. API Well No.: **30-039-07316**
 10. Field and Pool or Exploratory: **Blanco Mesaverde**
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28a. Production - Interval B

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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	
SI			→						

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NMOCD