

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMSF079050A							
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. Resrv.,		6. If Indian, Allottee or Tribe Name							
Other: RECOMPLETE - AMENDED		7. Unit or CA Agreement Name and No. NM NM 78412A							
2. Name of Operator Hilcorp Energy Company		8. Lease Name and Well No. San Juan 28-6 Unit 102							
3. Address 382 Road 3100, Aztec, NM 87410		9. API Well No. 30-039-07316							
3a. Phone No. (include area code) (505) 599-3400		10. Field and Pool or Exploratory Blanco Mesaverde							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit H (SENE), 1850'FNL & 790' FEL At top prod. Interval reported below Same as above At total depth Same as above		11. Sec., T., R., M., on Block and Survey or Area Sec. 26, T28N, R06W, NMPM							
14. Date Spudded 9/19/1963		15. Date T.D. Reached 10/13/1963							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <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 Sk. & 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									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
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.							
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 mcf	3.75 bwph	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)

ACCEPTED FOR RECORD

APR 30 2019

FARMINGTON FIELD OFFICE  
BY: 

NMOOD

## 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.	Fruitland	3200'
Pictured Cliffs	3446'	3540'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3446'
Lewis	3540'	4396'	Shale w/ siltstone stringers	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 glauc 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 slitty 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)\*

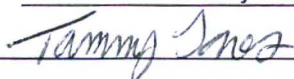
Name (please print)

Tammy Jones

Title

Operations/Regulatory Technician - Sr.

Signature



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.



RECEIVED

APR 26 2019

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG Farmington Field Office

LOG Farmington Field Office  
Bureau of Land Management NMSF079050A

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Other: <b>RECOMPLETE</b>					8. Lease Name and Well No. <b>San Juan 28-6 Unit 102</b>				
2. Name of Operator <b>Hilcorp Energy Company</b>					9. API Well No. <b>30-039-07316</b>				
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14. Date Spudded <b>9/19/1963</b>		15. Date T.D. Reached <b>10/13/1963</b>		16. Date Completed <b>4/13/2019</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <b>6650' GL</b>			
18. Total Depth: <b>7983'</b>			19. Plug Back T.D.: <b>7958'</b>			20. Depth Bridge Plug Set: MD TVD			
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<b>7-7/8"</b>	<b>4-1/2" J55</b>	<b>11.6#</b>	<b>0</b>	<b>7978'</b>	<b>3600' &amp; 5872'</b>	<b>540 sx</b>		<b>310' &amp; 4898'</b>	
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B) <b>Upper Menefee / Cliffhouse</b>		<b>5122'</b>	<b>5443'</b>	<b>1 SPF</b>		<b>0.32"</b>	<b>36</b>	<b>Open</b>	
C)									
D) <b>TOTAL</b>							<b>81</b>		
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Depth Interval		Amount and Type of Material							
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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	
<b>7/8"</b>	<b>439 psi</b>	<b>438 psi</b>	<b>→</b>	<b>1.5 bopd</b>	<b>371 mcf</b>	<b>3.75 bwph</b>	<b>N/A</b>		<b>Producing</b>
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
			<b>→</b>						<b>ACCEPTED FOR RECORD</b>
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			<b>→</b>						<b>APR 30 2019</b> <b>FARMINGTON FIELD OFFICE</b> <b>BY: [Signature]</b>

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

**NMCCD**

FARMINGTON FIELD OFFICE  
BY: [Signature]