

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

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. <b>NMSF080505A</b>							
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. Resvr.,		6. If Indian, Allottee or Tribe Name <b>Farmington Field Office Bureau of Land Management</b>							
Other: <b>RECOMPLETE - AMENDED</b>		7. Unit or CA Agreement Name and No. <b>San Juan 28-6 Unit</b>							
2. Name of Operator <b>Hilcorp Energy Company</b>		8. Lease Name and Well No. <b>San Juan 28-6 Unit 120</b>							
3. Address <b>382 Road 3100, Aztec, NM 87410</b>		9. API Well No. <b>30-039-82242</b>							
3a. Phone No. (include area code) <b>(505) 599-3400</b>		10. Field and Pool or Exploratory <b>Blanco Mesaverde</b>							
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>Unit I (NESE), 1530'FSL &amp; 1145' FEL</b>  At top prod. Interval reported below <b>Same as above</b>  At total depth <b>Same as above</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 9, T28N, R06W, NMPM</b>							
14. Date Spudded <b>11/7/1965</b>		12. County or Parish <b>Rio Arriba</b>							
15. Date T.D. Reached <b>11/29/1965</b>		13. State <b>New Mexico</b>							
16. Date Completed <b>4/27/2019</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <b>6485' GL</b>							
18. Total Depth: <b>7829'</b>		20. Depth Bridge Plug Set: MD TVD							
19. Plug Back T.D.: <b>7818'</b>		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)							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL</b>									
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	175 sx		Surface	
7-7/8"	4-1/2" J55	11.6 & 10.5#	0	7829'	3511' & 5740'	560 sx		3244' & 5760'	
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"	7760'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
Mesaverde	5147'	5684'	1 SPF	0.34"	72	Open			
TOTAL							72		
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5147' - 5684'		Acidized w/1000gal 15%HCL. Foam FRAC'D w/10,460# of 100 mesh & 291,440# 40/70 sd, 92,929 gal slwtr & 3.24M 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
4/30/2019	4/30/2019	1	→	0 bbls	4 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"	222 psi	237 psi	→	0 bopd	90 mcfd	15 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

ACCEPTED FOR RECORD  
MAY 17 2019  
FARMINGTON FIELD OFFICE  
BY: [Signature]

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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
Kirtland	2693'	3368'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2693'
Pictured Cliffs	3368'	4010'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3368'
Huerfanito Bentonite	4010'	5140'	White, waxy chalky bentonite	Huerfanito Bentonite	4010'
Cliffhouse	5140'	5237'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	5140'
Menefee	5237'	5542'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5237'
Point Lookout	5542'	6042'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5542'
Mancos	6042'	6593'	Dark gry carb sh.	Mancos	6042'
Gallup	6593'	7515'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6593'
Greenhorn	7515'	7913'	Highly calc gry sh w/ thin lmst.	Greenhorn	7515'
Graneros	7620'	7632'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7620'
Dakota	7632'		Lt to dark gry foss sl calc sl sitty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	7632'

## 32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota commingle under DHC4034AZ. Density Exception R14770.

## 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)\*

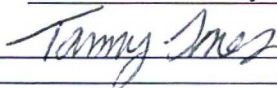
Name (please print)

Tammy Jones

Title

Operations/Regulatory Technician - Sr.

Signature



Date

5/16/19

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.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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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. Resvr.						6. If Indian, Allottee or Tribe Name			
Other: <b>RECOMPLETE</b>						7. Unit or CA Agreement Name and No.			
2. Name of Operator <b>Hilcorp Energy Company</b>						8. Lease Name and Well No. <b>San Juan 28-6 Unit 120</b>			
3. Address <b>382 Road 3100, Aztec, NM 87410</b>				3a. Phone No. (include area code) <b>(505) 599-3400</b>		9. API Well No. <b>30-039-82242</b>			
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						11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 9, T28N, R06W, NMPM</b>			
						12. County or Parish <b>Rio Arriba</b>		13. State <b>New Mexico</b>	
14. Date Spudded <b>11/7/1965</b>		15. Date T.D. Reached <b>11/29/1965</b>		16. Date Completed <b>4/27/2019</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <b>6485' GL</b>			
18. Total Depth: <b>7829'</b>			19. Plug Back T.D.: <b>7818'</b>			20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL</b>						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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
<b>12-1/4"</b>	<b>8-5/8" J55</b>	<b>24#</b>	<b>0</b>	<b>299'</b>	<b>n/a</b>	<b>175 sx</b>		<b>Surface</b>	
<b>7-7/8"</b>	<b>4-1/2" J55</b>	<b>11.6 &amp; 10.5#</b>	<b>0</b>	<b>7829'</b>	<b>3511' &amp; 5740'</b>	<b>560 sx</b>		<b>3244' &amp; 5760'</b>	
								<b>NMOCD</b>	
								<b>MAY 20 2019</b>	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
<b>2-3/8"</b>	<b>7760'</b>								<b>DISTRICT III</b>
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
<b>Mesaverde</b>		<b>5147'</b>	<b>5684'</b>	<b>1 SPF</b>		<b>0.34"</b>	<b>72</b>	<b>Open</b>	
<b>B)</b>									
<b>C)</b>									
<b>D) TOTAL</b>							<b>72</b>		
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
<b>5147' - 5684'</b>		<b>Acidized w/1000gal 15%HCL. Foam FRAC'D w/10,460# of 100 mesh &amp; 291,440# 40/70 sd, 92,929 gal slkwtr &amp; 3.24M SCF N2 70Q</b>							
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
<b>4/30/2019</b>	<b>4/30/2019</b>	<b>1</b>	<b>→</b>	<b>0 bbls</b>	<b>4 mcf</b>	<b>0 bwph</b>	<b>N/A</b>	<b>N/A</b>	<b>Flowing</b>
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>222 psi</b>	<b>237 psi</b>	<b>→</b>	<b>0 bopd</b>	<b>90 mcf</b>	<b>15 bwph</b>	<b>N/A</b>	<b>ACCEPTED FOR RECORD</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>MAY 17 2019</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			<b>→</b>					<b>FARMINGTON FIELD OFFICE BY:</b>	

\*(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

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					Meas. Depth
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Pictured Cliffs	3368'	4010'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3368'
Huerfanito Bentonite	4010'	5140'	White, waxy chalky bentonite	Huerfanito Bentonite	4010'
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Point Lookout	5542'	6042'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5542'
Mancos	6042'	6593'	Dark gry carb sh.	Mancos	6042'
Gallup	6593'	7515'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6593'
Greenhorn	7515'	7913'	Highly calc gry sh w/ thin lmst.	Greenhorn	7515'
Graneros	7620'	7632'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7620'
Dakota	7632'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	7632'

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota commingle under DHC4034AZ. Density Exception R16153.

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)\*

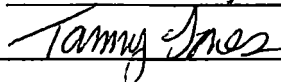
Name (please print)

Tammy Jones

Title

Operations/Regulatory Technician - Sr.

Signature



Date

5/2/2019

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 2)