

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

<div style="display: flex; justify-content: space-between;"><div>a. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other</div><div>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.,</div></div> <div style="margin-top: 5px;">Other: RECOMPLETE - AMENDED</div>						5. Lease Serial No. NMSF-078138			
						6. If Indian, Allottee or Tribe Name			
2. Name of Operator Hilcorp Energy Company						7. Unit or CA Agreement Name and No.			
3. Address 382 Road 3100, Aztec, NM 87410				3a. Phone No. (include area code) (505) 599-3400		8. Lease Name and Well No. Federal B 2			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit I (NESE), 2200' FSL & 665' FEL At top prod. Interval reported below Same as above At total depth Same as above						9. API Well No. 30-045-32860			
14. Date Spudded 8/15/2005				15. Date T.D. Reached 8/26/2005		10. Field and Pool or Exploratory Blanco Mesaverde			
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 2/2/2019				11. Sec., T., R., M., on Block and Survey or Area Sec. 28, T30N, R11W					
17. Elevations (DF, RKB, RT, GL)* 6076'				12. County or Parish San Juan		13. State New Mexico			
18. Total Depth: 7343'				19. Plug Back T.D.: 7298'		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)						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
12-1/4"	8 5/8" J-55	24#	0	366'	n/a	250 sx			None
7-7/8"	5 1/2" J-55	15.5#	0	7341'	n/a	1300 sx			None
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"	6992'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Menefee	4424'	4682'	1 SPF	.34"	24	open			
B) Point Lookout	4738'	5000'	1 SPF	.34"	30	open			
C)									
D) TOTAL					54				
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4424'-4682'		Frac'd w/ 150,913# 20/40 AZ sand / 126,537 Gal #20 gel foam / 1.55M SCF N2 @ 70Q, flushed w/105 fluid bbls							
4738'-5000'		Frac'd w/ 150,967# 20/40 AZ sand / 115,044 Gal #20 gel foam / 1.21M SCF N2 @ 70Q, flushed w/132 fluid 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
2/4/2019	2/1/2019	1	➡	0	88	4	N/A	N/A	Flowing
Choke Size	Tbg. Press. flowing	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1"	80	N/A	➡	0	2126	96	N/A		Flowing
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
			➡						NMOCD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						NMOCD

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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.)

vented

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	958'	1127'	White, cr-gr ss	Ojo Alamo	958'
Kirtland	1127'	2070'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1127'
Fruitland	2070'	2394'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2070'
Pictured Cliffs	2394'	2546'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2394'
Lewis	2546'	3356'	Shale w/ siltstone stringers	Lewis	2546'
Chacra	3356'	4080'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3356'
Mesa Verde	4080'	4149'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4080'
Menefee	4149'	4758'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4149'
Point Lookout	4758'	5090'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4758'
Mancos	5090'	5972'	Dark gry carb sh.	Mancos	5090'
Gallup	5972'	6712'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5972'
Greenhorn	6712'	6770'	Highly calc gry sh w/ thin lmst.	Greenhorn	6712'
Graneros	6770'		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6770'
Dakota			Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	

32. Additional remarks (include plugging procedure):

This well is now producing as a Blanco Mesaverde/Basin Dakota commingled well, per DHC 4074AZ.

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) Cherylene WestonTitle Operations/Regulatory Technician-Sr.

Signature

Cherylene Weston

Date

2-13-19

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.

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Other: RECOMPLETE			7. Unit or CA Agreement Name and No.		
2. Name of Operator Hilcorp Energy Company			8. Lease Name and Well No. Federal B 2		
3. Address 382 Road 3100, Aztec, NM 87410		3a. Phone No. (include area code) (505) 599-3400	9. API Well No. 30-045-32860		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit I (NESE), 2200' FSL & 665' FEL			10. Field and Pool or Exploratory Blanco Mesaverde		
At top prod. Interval reported below Same as above			11. Sec., T., R., M., on Block and Survey or Area Sec. 28, T30N, R11W		
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Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8"	6992'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Menefee	4244	4682	1 SPF	.34"	24	open			
B) Point Lookout	4738	5000	1 SPF	.34"	30	open			
C) TOTAL					54				
D) TOTAL									

27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Amount and Type of Material
Depth Interval 4244-4682		Frac'd w/ 150,913# 20/40 AZ sand / 126,537 Gal #20 gel foam / 1.55M SCF N2 @ 70Q, flushed w/105 fluid bbls
4738-5000		Frac'd w/ 150,967# 20/40 AZ sand / 115,044 Gal #20 gel foam / 1.21M SCF N2 @ 70Q, flushed w/132 fluid bbls

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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
			→						NMOCD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Flowing	

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

NMOCD

DISTRICT III

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	
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Name (please print)

Cherylene Weston

Title

Operations/Regulatory Technician-Sr.

Signature

Cherylene Weston

Date

2-6-19

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