

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No. **SF-078144**

1a. Type of Well:  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.,  
 Other: **RECOMPLETE - AMENDED \***

2. Name of Operator: **Hilcorp Energy Company**  
 8. Lease Name and Well No.: **Fogelson Gas Com 1E**

3. Address: **382 Road 3100, Aztec, NM 87410**  
 3a. Phone No. (include area code): **(505) 599-3400**  
 9. API Well No.: **30-045-30274**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: **Unit N (SESW), 955' FSL & 1515' FWL**  
 At top prod. Interval reported below  
 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. 26, T30N, R11W, NMPM**  
 12. County or Parish: **San Juan**  
 13. State: **New Mexico**

14. Date Spudded: **9/21/2000**  
 15. Date T.D. Reached: **10/30/2000**  
 16. Date Completed: **3/22/2019**  
 D & A  Ready to Prod.  
 17. Elevations (DF, RKB, RT, GL)\*: **5922' GL**

18. Total Depth: **7160'**  
 19. Plug Back T.D.: **7110'**  
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 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" J-55	24#	0	404'		250 sx			
7-7/8"	5-1/2" J-55	15.5#	0	7157'		1050 sx			

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"	6850'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Menfee	4299'	4587'	1 SPF	0.34"	26	Open
Point Lookout	4617'	4937'	1 SPF	0.34"	30	Open
TOTAL					56	

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

Depth Interval	Amount and Type of Material
4299' - 4587'	89,460 gals 70Q #20 gel foam @ 50 bpm, 140,000 #'s 20/40 AZ sand, N2: 1,113,504 scf, Flush: 102 fluid bbls.
4617' - 1937'	87,087 gal 70Q #20 Gel Foam @ 50 BPM, 152,660 #'s 20/40 AZ sand, N2: 838,692 SCF, Flush: 109 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
3/22/2019	3/21/2019	1	→	0	81 mcf	1 bbl	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	
1"	0	74 psi	→	0	1966 mcf	24 bbl	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
			→						Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						Producing

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

NMOCD

REC-111  
APR 24 2019  
Farmington Field Office  
Bureau of Land Management

NMOCD  
APR 24 2019  
DISTRICT III

ACCEPTED FOR RECORD  
Producing  
APR 24 2019  
FARMINGTON FIELD OFFICE  
BY:

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 Aqueifers):

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	950'		White, cr-gr ss	Ojo Alamo	950'
Kirtland	1101'		Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1101'
Fruitland	1750'		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1750'
Pictured Cliffs	2303'		Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2303'
Lewis	2426'		Shale w/ siltstone stingers	Lewis	2426'
Huerfanito Bentonite	3020'			Huerfanito Bentonite	3020'
Chacra	3309'		Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3309'
Cliffhouse	3800'		Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	3800'
Menefee	4017'		Med-dark gry, fine gr ss, carb sh & coal	Menefee	4017'
Point Lookout	4612'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4612'
Mancos	5112'		Dark gry carb sh.	Mancos	5112'
Gallup	5861'		Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5861'
Greenhorn	6601'		Highly calc gry sh w/ thin lmst.	Greenhorn	6601'
Graneros	6658'				6658'
Dakota	6720'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	6720'

32. Additional remarks (include plugging procedure):

**Well is producing as Blanco Mesaverde / Basin Dakota commingle under DHC-4956-0.**

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) Christine Brock Title Operations/Regulatory Technician - Sr  
 Signature Christine Brock Date 4/18/19

**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

MAR 27 2019

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5. Lease Serial No.: **SF-078144**

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.:

8. Lease Name and Well No.: **Fogelson Gas Com 1E**

9. API Well No.: **30-045-30274**

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1"	0	74 psi	→	0	1966 mcf	24 bbl	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)

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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Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	0
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	0
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	0
Lewis			Shale w/ siltstone stringers	Lewis	0
Huerfano Bentonite				Huerfano Bentonite	0
Chacra			Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	0
Cliffhouse			Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	0
Menefee			Med-dark gry, fine gr ss, carb sh & coal	Menefee	0
Point Lookout			Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	0
Mancos			Dark gry carb sh.	Mancos	0
Gallup	5861'		Lt. gry to brn calc carb micac ghac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5861'
Greenhorn	6601'		Highly calc gry sh w/ thin Inst.	Greenhorn	6601'
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Name (please print) Christine Brock Title Operations/Regulatory Technician - Sr.  
 Signature Christine Brock Date 3/26/19

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