

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

5. Lease Serial No.  
**SF-078414-A**

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**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
**Hilcorp Energy Company**

8. Lease Name and Well No.  
**Lively 26**

3. Address  
**PO Box 4700, Farmington, NM 87499**

3a. Phone No. (include area code)  
**(505) 599-3400**

9. API Well No.  
**30-045-21747**

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
 At surface **Unit N (SESW), 800' FSL & 1080' FWL**  
 At top prod. Interval reported below **Same as above**  
 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. 7, T29N, R08W**

12. County or Parish **San Juan** 13. State **New Mexico**

14. Date Spudded **5/1/1975**

15. Date T.D. Reached **5/9/1975**

16. Date Completed **12/09/2017**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6366' GL**

18. Total Depth: **7510'** 19. Plug Back T.D.: **7470'**

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
13 3/4"	9/5/8" J-55	36#	0	269'	n/a	200 sx			None
8 3/4"	7" J-55	20 & 17#	0	3268'	n/a	350 sx (722 cf)			None
6 1/4"	4 1/2" K-55	10.5 & 11.6#	0	7478'	n/a	275 sx (575 cf)			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"	7400"							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5224'	5360'	1 SPF	.34"	25	open
B) Menefee	4864'	5074'	1 SPF	.34"	25	open
C) Cliffhouse	4624'	4764'	1 SPF	.34"	25	open
D) TOTAL					75	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5224'	5360'	1 SPF	.34"	25	open
B) Menefee	4864'	5074'	1 SPF	.34"	25	open
C) Cliffhouse	4624'	4764'	1 SPF	.34"	25	open
D) TOTAL					75	

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

Depth Interval	Amount and Type of Material
5224' - 5360'	Acidized w/500 GAL 15% HCL, frac'd w/ 100,500# 20/40 AZ sand / 39,934 Gal Slickwater / 1.07M SCF N2 @ 70Q
4864' - 5074'	Acidized w/500 GAL 15% HCL, frac'd w/ 101,000# 20/40 AZ sand / 38,924 GAL Slickwater / 1.15M SCF N2 @ 70Q
4624' - 4764'	Acidized w/500 GAL 15% HCL, frac'd w/ 95,669# 20/40 AZ sand / 34,533 GAL Slickwater / 1.07M 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
12/7/2017	12/7/2017	3	→	0	94	0 bwph	n/a	n/a	flowing
Choke Size	Tbg. Press. SI	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	0 psi	250 psi	→	0	751 mcf/d	0	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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 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)



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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
Ojo Alamo	1890'	2080'	White, cr-gr ss	Ojo Alamo	1890'
Kirtland	2080'	2570'	Gry sh interbedded w/light, gry, fine-gr ss.	Kirtland	2080'
Fruitland	2570'	3015'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2570'
Pictured Cliffs	3015'	3155'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3015'
Lewis	3155'	3992'	Shale w/ siltstone stingers	Lewis	3155'
Chacra	3992'	4610'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3992'
Mesa Verde	4610'	4780'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4610'
Menefee	4780'	5201'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4780'
Point Lookout	5201'	5400'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5201'
Mancos	5400'	6272'	Dark gry carb sh.	Mancos	5400'
Gallup	6272'	7202'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6272'
Greenhorn	7202'	7263'	Highly calc gry sh w/ thin lmst.	Greenhorn	7202'
Graneros	7263'	7303'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7263'
Dakota	7303'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7303'

32. Additional remarks (include plugging procedure):

**This is a commingled MV/DK well being commingled per DHC 3969AZ**

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) Christine Brock Title Operations/Regulatory Technician  
 Signature *Christine Brock* Date 12/21/17

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.