

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

AUG 07 2018

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

5. Lease Serial No.

NMSF-078423

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.
San Juan 29-7 Unit

2. Name of Operator

Hilcorp Energy Company

8. Lease Name and Well No.

San Juan 29-7 Unit 80B

3. Address

382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)

(505) 599-3400

9. API Well No.

30-039-27021

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface

Unit E (SWNW), 1540' FNL & 1065' FWL

At top prod. Interval reported below

At total depth

Same as above

14. Date Spudded

10/29/2004

15. Date T.D. Reached

7/20/2001

16. Date Completed

7/5/2018

☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

6138' GL

18. Total Depth:

7443'

19. Plug Back T.D.:

7380'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Tracer Log

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"	9-5/8" H-40	32.3#	0	232'		274 sx			
8-3/4"	7" J-55	20#	0	3180'		478 sx			
6-1/4"	4.5" J-55	10.5#	0	7440'		411 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"	3039'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Pictured Cliffs	2932'	3069'	1 SPF	0.34"	46	Open
B)						
C)						
D) TOTAL					46	

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

Depth Interval	Amount and Type of Material
2932' - 3069'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/ 104,300 gal 20# water gel, 149,820# 20/40 AZ sd d, 1,140,660 SCF N2, Flush 40 Foam 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
7/6/2018	7/5/2018	0.25	→	0	1 mcf	2 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	
1.25"	0 psi	467 psi	→	0	64 mcf	200 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)

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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	1908'	2123'	White, cr-gr ss	Ojo Alamo	1908'
Kirtland	2123'	2656'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2123'
Fruitland	2656'	2930'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2656'
Pictured Cliffs	2930'	3070'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2930'
Lewis	3070'	3913'	Shale w/ siltstone stringers	Lewis	3070'
Chacra	3913'	4468'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3913'
Cliffhouse	4468'	4767'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4468'
Menefee	4767'	5136'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4767'
Point Lookout	5136'	5523'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5136'
Mancos	5523'	6413'	Dark gry carb sh.	Mancos	5523'
Gallup	6413'	7097'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6413'
Greenhorn	7097'	7152'	Highly calc gry sh w/ thin fmst.	Greenhorn	7097'
Graneros	7152'	7208'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly & shale breaks	Graneros	7152'
Dakota	7208'			Dakota	7208'

32. Additional remarks (include plugging procedure):

Well is currently producing the PC. Verbal approval by NMOCD for extended flowback time.

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 - Sr.

Signature

Christine Brock

Date

8/16/18

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.