

OIL CONS. DIV. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 01 2017

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

DEC 06 2017

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **SF-080673**

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

6. If Indian, Allottee or Tribe Name

Other: **RECOMPLETE**

7. Unit or CA Agreement Name and No. **SAN JUAN 27-4 UNIT**

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

8. Lease Name and Well No. **SAN JUAN 27-4 UNIT 55**

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

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

9. API Well No. **30-039-20321**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **UNIT G (SW/NE), 1700' FNL & 1750' FEL**

10. Field and Pool or Exploratory **BLANCO MESAVERDE**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 5, T27N, R04W**

At top prod. Interval reported below **same as above**
At total depth **same as above**

12. County or Parish **Rio Arriba** 13. State **New Mexico**

14. Date Spudded **5/28/1970**

15. Date T.D. Reached

16. Date Completed D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **6914', GL**

18. Total Depth: **8273'**

19. Plug Back T.D.: **8262'**

20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **Cement Bond 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
13 3/4"	9 5/8" H-40	32.3#	0	213'	n/a	165 sx		Surface	
8 3/4"	7" J-55	20#	0	4021'	n/a	160 sx		TOC 2850'	
6 1/4"	4 1/2" K-55	10.5 & 11.6#	0	8271'	n/a	335 sx		TOC 4800'	

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"	8185'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout / Lower Menefee	5874'	6192'	1 SPF	0.34"	25	open
B) Cliff House (Upper & Massive) / Menefee	5608'	5792'	6 FPS, 60 deg PHASING	0.13"	144	open
C) Total					169	

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

Depth Interval	Amount and Type of Material
4022' - 4053'	Squeeze hole in 4-1/2" casing with 60 sx Class G Neat w/2% CACL2
4176' - 4206'	Squeeze hole in 4-1/2" casing with 25 sx Class G Neat w/2% CACL2
4205' - 4051'	Squeeze hole in 4-1/2" casing with 30 sx Ultra Fine Grout
5874' - 6192'	Acidized w/500 gal, 15% HCL, frac'd w/ 4,970# 100 mesh and 120,710# 40/70 AZ, 43,323 gal slickwater and 1.61 million SCF N2 @ 69 Q.
5608' - 5792'	Acidized w/500 gal, 15% HCL, frac'd w/ 4,110# 100 mesh and 107,430# 40/70 AZ, 40,378 gal slickwater and 1.22 million SCF N2 @ 69 Q.

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
11/17/2017	GRC 11/17/2017	1	→	0	57	0	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	
1.5"	SI-0 psi	SI-700psi	→	0	1368 mcf/d	0	N/A	SHUT IN	

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)

ACCEPTED RECORD
FARMINGTON FIELD OFFICE
NOV 03 2017
OPERATOR

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

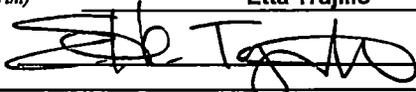
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs	3818	3974'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3818'
Lewis	3975'	4407'	Shale w/ siltstone stringers	Lewis	3975'
Huerfano Bentonite	4408'	4777'	White, waxy chalky bentonite		4408'
Chacra	4778'	5953'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4778'
Mesa Verde	5954'	5659'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5954'
Menefee	5660'	5967'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5660'
Point Lookout	5968'	6524'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5968'
Mancos	6525'	7155'	Dark gry carb sh.	Mancos	6525'
Gallup	7156'	7935'	Lt. gry to brn calc carb micac ghac silts & very fine gry gr ss w/ irreg. interbed sh.	Gallup	7156'
Greenhorn	7936'	8002'	Highly calc gry sh w/ thin lmst.	Greenhorn	7936'
Graneros	8003'	8054'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	8003'
Dakota	8055'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8055'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

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) Etta Trujillo Title Operations/Regulatory Technician
 Signature  Date 12-1-17

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.