

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

MAR 21 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **SF-079193**

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**

Farmington Field Office
Bureau of Land Management

6. If Indian, Allottee or Tribe Name

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

7. Unit or CA Agreement Name and No.
San Juan 28-6 Unit

3. Address **PO Box 4700, Farmington, NM 87499** 3a. Phone No. (include area code) **(505) 599-3400**

8. Lease Name and Well No.
San Juan 28-6 Unit 143

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Unit K (NESW), 1550' FSL & 1600' FWL**

9. API Well No.
30-039-20156

At top prod. Interval reported below **Same as above**

10. Field and Pool or Exploratory
Blanco Mesaverde

At total depth **Same as above**

11. Sec., T., R., M., on Block and Survey or Area
Sec. 20, T28N, R06W

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

14. Date Spudded **10/26/1968** 15. Date T.D. Reached **11/5/1968** 16. Date Completed **3/16/2018**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6561' GL

18. Total Depth: **7855'** 19. Plug Back T.D.: **7826'** 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 Cemen-ter Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" H-40	32.3#	0	214'	n/a	145 sx		surface	
8 3/4"	7" J-55	20#	0	3591'	n/a	160 sx		2980'	
6 1/4"	4 1/2" J-55	10.5 & 11.6#	0	7855'	n/a	335sx		3314'	

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"	7692'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5530'	5753'	1 SPF	.34"	23	open
B) Menefee	5207'	5490'	1 SPF	.34"	23	open
C) Cliffhouse	5030'	5174'	1 SPF	.34"	20	open
D) TOTAL					66	

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

Depth Interval	Amount and Type of Material
5530' - 5753'	Acidized w/ 1000 gals 15% HCl. Frac w/ 70 Q N2 foam, 20# linear base gel, 107,500# 20/40 AZ sand, 1,094,343 SCF N2, 882 bbls Fluid Flush.
5207' - 5490'	Acidized w/ 1000 gals 15% HCl. Frac w/ 68 Q N2 foam, 20# linear base gel, 93,000# 20/40 AZ sand, 1,149,680 SCF N2, 736 bbls Fluid Flush.
5030' - 5174'	Acidized w/ 1000 gals 15% HCl. Frac w/ 72 Q N2 foam, 20# linear base gel, 100,000# 20/40 AZ sand, 769,180 SCF N2, 798 bbls Fluid Flush.

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
3/16/2018	3/15/2018	3	→	0	189 mcf	6 bbls	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	
32/64	0 psi	240 psi	→	0	1512 mcf/d	48 bwpd	n/a		

ACCEPTED FOR RECORD

MAR 27 2018

FARMINGTON FIELD OFFICE

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	

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	2583'	2683'	White, cr-gr ss	Ojo Alamo	2583'
Kirtland	2683'	2996'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2683'
Fruitland	2996'	3357'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2996'
Pictured Cliffs	3357'	3491'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3357'
Lewis	3491'	3648'	Shale w/ siltstone stringers	Lewis	3491'
Mesa Verde	3648'	4304'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	3648'
Chacra	4304'	5180'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4304'
Menefee	5180'	5526'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5180'
Point Lookout	5526'	6020'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5526'
Mancos	6020'	6547'	Dark gry carb sh.	Mancos	6020'
Gallup	6547'	7493'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6547'
Greenhorn	7493'	7556'	Highly calc gry sh w/ thin lmst.	Greenhorn	7493'
Graneros	7556'	7685'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7556'
Dakota	7685'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7685'
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss		

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC 3978AZ. Density Exception R-14556.

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) Kandis Roland Title Operations/Regulatory Technician
 Signature *Kandis Roland* Date _____

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.