

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
AUG 20 2018

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

3. Lease Serial No. NMNM03188

2. Name of Operator Hilcorp Energy Company

6. If Indian, Allottee or Tribe Name

3. Address 382 Road 3100, Aztec, NM 87410 3a. Phone No. (include area code) (505) 599-3400

7. Unit or CA Agreement Name and No.

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Unit D (NWNW), 480'FNL & 15' FWL

8. Lease Name and Well No. San Juan 29-5 Unit 65F

At top prod. Interval reported below Same as above
 At total depth Same as above

9. API Well No. 30-039-29554

10. Field and Pool or Exploratory Gobernador Pictured Cliffs

11. Sec., T., R., M., on Block and Survey or Area Sec. 28, T29N, R05W, NMPM

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

14. Date Spudded 4/8/2006 15. Date T.D. Reached 4/15/2006 16. Date Completed 8/1/2018
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* 6734' GL

18. Total Depth: 8128' 19. Plug Back T.D.: 8126'

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"	9-5/8" H40	32.3#	0	230'	n/a	150 sx	181 cf	Surface	12 bbls
8-3/4"	7" J55	20#	0	4099'	n/a	700 sx	1515 cf	Surface	70 bbls
6-1/4"	4-1/2" N80	11.6#	0	8128'	n/a	890 sx	969 cf	2820'	

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"	8019'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3668'	3732'	2 SPF	0.44"	130	Open
B)						
C)						
D) TOTAL					130	

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

Depth Interval	Amount and Type of Material
3668-3732'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/150,080# 20/40 sand, 35,198 gal slk wtr & 1.14M 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
8/2/2018	8/2/2018	1	→	0	1.25 mcf	0.3 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"	221 psi	263 psi	→	0	30 mcfd	7.5 bwpd	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	
			→						

*(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.)

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	2843'	3056'	White, cr-gr ss	Ojo Alamo	2843'
Kirtland	3056'	3403'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3056'
Fruitland	3403'	3658'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3403'
Pictured Cliffs	3658'	3979'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3658'
Lewis	3979'	4683'	Shale w/siltstone stringers	Lewis	3979'
Chacra	4683'	5506'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4683'
Cliffhouse	5506'	5593'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	5506'
Menefee	5593'	5868'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5593'
Point Lookout	5868'	7071'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5868'
Gallup	7071'	7828'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7071'
Greenhorn	7828'	8003'	Highly calc gry sh w/thin lmst.	Greenhorn	7828'
Dakota	8003'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	8003'

32. Additional remarks (include plugging procedure):

Well is now producing as Gobernador Pictured Cliffs/Blanco Mesaverde/Basin Dakota tri-mingle under DHC4836.

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) Tammy Jones Title Operations/Regulatory Technician - Sr.
 Signature Tammy Jones Date 8/6/2018

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.