

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 23 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NMSF079521A**
Farmington Field Office
Bureau of Land Management

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.
San Juan 28-5 Unit 62E

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

9. API Well No. **30-039-30154**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit A (NENE), 90'FNL & 305' FEL**
 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. 31, T28N, R05W, NMPM**
 12. County or Parish **Rio Arriba** 13. State **New Mexico**

14. Date Spudded **5/10/2008** 15. Date T.D. Reached **5/16/2008** 16. Date Completed **3/20/2018**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **6438' GL**

18. Total Depth: **7687'** 19. Plug Back T.D.: **7685'**

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 Cemen- ter Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8" H40	32.3#	0	244'	n/a	160 sx	204 cf	Surface	21 bbls
8-3/4"	7" J55	20#	0	3533'	n/a	540 sx	1038 cf	Surface	72 bbls
6-1/4"	4-1/2" J55	10.5/11.6#	0	7687'	n/a	312 sx	618 cf	2090'	

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"	7596'							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout / Lwr Menefee	5257'	5579'	1 SPF	0.34"	43	Open
B) Upper Menefee / Cliffhouse	4926'	5234'	1 SPF	0.34"	40	Open
C)						
D) TOTAL					83	

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

Depth Interval	Amount and Type of Material
5257-5579'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/5200# 100 MESH & 145,000# 40/70 sd, 46,943 gal slkwtr & 1.50M SCF N2 70Q
4926-5234'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/5087# 100 MESH & 145,680# 40/70 sd, 46,729 gal slkwtr & 1.59M 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
3/21/2018	3/21/2018	1	→	0	29 mcf	0 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	
7/8"	480 psi	575 psi	→	3.75 bopd	703 mcfd	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	
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.)

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	2573'	2687'	White, cr-gr ss	Ojo Alamo	2573'
Kirtland	2687'	2795'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2687'
Fruitland	2795'	3248'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2795'
Pictured Cliffs	3248'	3435'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3248'
Lewis	3435'	3843'	Shale w/siltstone stringers	Lewis	3435'
Huerfanito Bent.	3843'	4205'	White, waxy chalky bentonite	Huerfanito Bentonite	3843'
Chacra	4205'	4813'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4205'
Cliffhouse	4813'	5073'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4813'
Menefee	5073'	5427'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5073'
Point Lookout	5427'	5925'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5427'
Mancos	5925'	6653'	Dark gry carb sh.	Mancos	5925'
Gallup	6653'	7347'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6653'
Greenhorn	7347'	7406'	Highly calc gry sh w/ thin lmst.	Greenhorn	7347'
Graneros	7406'	7448'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7406'
Dakota	7448'		Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	7448'

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota commingle under DHC3970AZ. Density Exception R-14606.

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 3/23/2018

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.