

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

AUG 03 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NMSF-078640**

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

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No. **San Juan 28-7 Unit**

2. Name of Operator **Hilcorp Energy Company**  
 8. Lease Name and Well No. **San Juan 28-7 Unit 152**

3. Address **382 Road 3100, Aztec, NM 87410**  
 3a. Phone No. (include area code) **(505) 599-3400**  
 9. API Well No. **30-039-20434**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Unit K (NESW), 1840' FSL & 1850' FWL**  
 10. Field and Pool or Exploratory **Blanco Mesaverde**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 21, T27N, R07W**  
 12. County or Parish **Rio Arriba** 13. State **New Mexico**

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

14. Date Spudded **10/26/1971** 15. Date T.D. Reached **11/12/1971** 16. Date Completed **7/25/2018**  
 D & A  Ready to Prod. 17. Elevations (DF, RKB, RT, GL)\* **6551'**

18. Total Depth: **7544'** 19. Plug Back T.D.: **7529'** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CBL 2/16/18 (submitted), MIT chart 5/1/18 (submitted)**  
 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	210'	n/a	190 sx			None
8 3/4", 7 7/8"	4 1/2" J-55	10.5#, 11.5#	0	7544'	n/a	555 sx			None

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"	7459'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5213'	5481'	1 SPF	.34"	21	open
B) Menefee	4995'	5085'	1 SPF	.34"	14	open
C)						
D) TOTAL					35	

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

Depth Interval	Amount and Type of Material
5213'-5481'	Acidized w/1500 Gal 15% HCL, frac'd w/ 201,240# 20/40 AZ sand / 223,160 Gal 65Q gel foam / 2.7M SCF N2
4995'-5085'	Acidized w/1500 Gal 15% HCL, frac'd w/ 201,240# 20/40 AZ sand / 223,160 Gal 65Q gel foam / 2.7M SCF N2
339'-404'	Squeeze w/ 30 bbl, 15.8 ppg cmt and add'l 30sx, 23.7 cu/ft, 0.79 yd, 12.2 bbl Halliburton MicroMatrix cement

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
7/25/2018	7/23/2018	1	→	0	20	6	n/a	n/a	Vented
Choke Size	Tbg. Press. SI	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
3"		890	→	0	489	144	n/a		Flowing

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. SI	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.)

**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	2120'	2260'	White, cr-gr ss	Ojo Alamo	2120'
Kirtland	2260'	2545'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2260'
Fruitland	2545'	2934'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2545'
Pictured Cliffs	2934'	3140'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2934'
Lewis	3140'	3853'	Shale w/ siltstone stingers	Lewis	3140'
Chacra	3853'	4632'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3853'
Mesa Verde	4632'	4650'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4632'
Menefee	4650'	5204'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4650'
Point Lookout	5204'	5570'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5204'
Mancos	5570'	6370'	Dark gry carb sh.	Mancos	5570'
Gallup	6370'	7150'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6370'
Greenhorn	7150'	7209'	Highly calc gry sh w/ thin lmst.	Greenhorn	7150'
Graneros	7209'	'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7209'
Dakota			Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	'

32. Additional remarks (include plugging procedure):

**The well is now producing as a commingled MV/DK well under DHC #3980AZ.**

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) Cherylene Weston Title Operations/Regulatory Technician-Sr.  
 Signature Cherylene Weston Date 8-3-18

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.