

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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

AUG 15 2013

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. <b>SF-079290</b>	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv.,		6. If Indian, Allottee or Tribe Name	
Other: <b>RECOMPLETE</b>		7. Unit or CA Agreement Name and No. San Juan 28-7 Unit	
2. Name of Operator <b>Hilcorp Energy Company</b>		8. Lease Name and Well No. <b>San Juan 28-7 Unit 258</b>	
3. Address <b>382 Road 3100, Aztec, NM 87410</b>		9. API Well No. <b>30-039-21735</b>	
3a. Phone No. (include area code) <b>(505) 599-3400</b>		10. Field and Pool or Exploratory <b>Blanco Mesaverde</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>Unit K (NESW), 2480' FSL &amp; 1615' FWL</b>  At top prod. Interval reported below  At total depth <b>Same as above</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 23, T28N, R07W, NMPM</b>	
14. Date Spudded <b>5/21/1978</b>		12. County or Parish <b>Rio Arriba</b>	
15. Date T.D. Reached <b>6/1/1978</b>		13. State <b>New Mexico</b>	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>8/3/2018</b>		17. Elevations (DF, RKB, RT, GL)* <b>6649' GL</b>	
18. Total Depth: <b>7833'</b>		20. Depth Bridge Plug Set: MD TVD	
19. Plug Back T.D.: <b>7824'</b>		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL</b>	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		22. Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
22. Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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" K-55	36#	0	225'		224 cf		Surface	
8-3/4"	7" K-55	20#	0	3622'		239 cf		2650'	
6-1/2"	4.5 K-55	10.5 & 11.6#	0	7833'		654 cf		3200'	

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"	7737'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5530'	5684'	1 SPF	0.34"	24	Open
B) Menefee	5138'	5472'	1 SPF	0.34"	29	Open
C) Upper Cliffhouse	4994'	5127'	1 SPF	0.34"	25	Open
D) TOTAL					78	

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

Depth Interval	Amount and Type of Material
5530'-5684'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/ 98,000# 20/40 AZ sd, 98,420 gal 70Q 20#N2 Foam Gel, 88 bbl Liq Flush, 833,733 SCF N2
5138'-5472'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/ 94,500 20/40 AZ sd, 84,140 gal 70Q 20#N2 Foam Gel, 86 bbl Liq Flush, 915,409 SCF N2
4994'-5127'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/ 100,000# 20/40 AZ sd, 79,880 gal 70Q 20# N2 Foam Gel, 74 bbl Liq Flush, 782,304 SCF N2

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
8/3/2018	8/1/2018	0.25	→	0	41 mcf	2 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	
2.5"	0 psi	22 psi	→	0	3951 mcf/d	192 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)

ACCEPTED FOR RECORD

AUG 28 2018

FARMINGTON FIELD OFFICE

NMOC

AUG 28 2018

DISTRICT III

NMOC

## 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	2543'	2645'	White, cr-gr ss	Ojo Alamo	2543'
Kirtland	2645'	3078'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2645'
Fruitland	3078'	3358'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3078'
Pictured Cliffs	3358'	3426'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3358'
Lewis	3426'	3945'	Shale w/ siltstone stingers	Lewis	3426'
Huerfano Bentonite	3945'	4301'	White, waxy chalky bentonite	Huefanito Bentonite	3945'
Chacara	4301'	4991'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	4301'
Cliffhouse	4991'	5130'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4991'
Menefee	5130'	5530'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5130'
Point Lookout	5530'	6010'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5530'
Mancos	6010'	6526'	Dark gry carb sh.	Mancos	6010'
Gallup	6526'	7500'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6526'
Greenhorn	7500'	7568'	Highly calc gry sh w/ thin lmst.	Greenhorn	7500'
Graneros	7568'	7602'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7568'
Dakota	7602'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7602'

## 32. Additional remarks (include plugging procedure):

Well is now producing as Mesaverde/Dakota commingle underDHC-4032 AZ.

## 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)

Christine Brock

Title

Operations/Regulatory Technician - Sr.

Signature

Christine Brock

Date

8/11/18

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.