

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.

NMSE080505A

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

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Other: RECOMPLETE

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.  
**San Juan 28-6 Unit 136F**

DISTRICT III

3. Address  
**PO Box 4700, Farmington, NM 87499**

3a. Phone No. (include area code)  
**(505) 599-3400**

9. API Well No.  
**30-039-29973**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **Unit I (NESE), 1525'FSL & 1230' 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. 12, T28N, R06W, NMPM**  
12. County or Parish **Rio Arriba** 13. State **New Mexico**

14. Date Spudded  
**10/25/2006**

15. Date T.D. Reached  
**11/30/2006**

16. Date Completed **2/23/2018**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6499' GL**

18. Total Depth:  
**7854'**

19. Plug Back T.D.:  
**7850'**

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**Spectra Log**

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	137'	n/a	59 sx	95 cf	Surface	4 bbls
8-3/4"	7" J55	20#	0	3677'	n/a	539 sx	1097 cf	Surface	40 bbls
6-1/4"	4-1/2" J55	11.6#&10.5#	0	7852'	n/a	312 sx	627 cf	2500'	

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"	7730'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout / Lwr Menefee	5405'	5702'	1 SPF	0.34"	59	Open
B) Upper Menefee / Cliffhouse	5166'	5334'	1 SPF	0.34"	61	Open
C)						
D) TOTAL					120	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout / Lwr Menefee	5405'	5702'	1 SPF	0.34"	59	Open
B) Upper Menefee / Cliffhouse	5166'	5334'	1 SPF	0.34"	61	Open
C)						
D) TOTAL					120	

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

Depth Interval	Amount and Type of Material
5405-5702'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/4800# 100 MESH & 145,700# 40/70 sd, 51,230 gal slkwtr & 1.71M SCF N2 70Q
5166-5334'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/5050# 100 MESH & 145,950# 40/70 sd, 47,520 gal slkwtr & 1.84M 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
2/24/2018	2/24/2018	1	→	0	26 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"	407 psi	427 psi	→	0	634 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)

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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	2595'	2760'	White, cr-gr ss	Ojo Alamo	2595'
Kirtland	2760'	3130'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2760'
Fruitland	3130'	3395'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3130'
Pictured Cliffs	3395'	3553'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3395'
Lewis	3553'	4017'	Shale w/ siltstone stingers	Lewis	3553'
Huerfanito Bentonite	4017'	4380'	White, waxy chalky bentonite	Huerfanito Bentonite	4017'
Chacra	4380'	4961'	Gry fi grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4380'
Cliffhouse	4961'	5242'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4961'
Menefee	5242'	5553'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5242'
Point Lookout	5553'	6026'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5553'
Mancos	6026'	6763'	Dark gry carb sh.	Mancos	6026'
Gallup	6763'	7528'	Lt. gry to bn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6763'
Greenhorn	7528'	7584'	Highly calc gry sh w/ thin lmst.	Greenhorn	7528'
Graneros	7584'	7639'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7584'
Dakota	7639'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	7639'

32. Additional remarks (include plugging procedure):

**Well is now producing as Mesaverde/Dakota commingle under DHC3973AZ.**

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 2/28/2018

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.