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NMOCOD UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 21 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRICT III

Farmington Field Office NMSF079049A

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

2. Name of Operator: **Hilcorp Energy Company**
 8. Lease Name and Well No.: **San Juan 28-6 Unit 115N**

3. Address: **PO Box 4700, Farmington, NM 87499**
 3a. Phone No. (include area code): **(505) 599-3400**
 9. API Well No.: **30-039-29423**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: **Unit O (SWSE), 1250'FSL & 2100' 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. 3, T27N, R06W, NMPM**
 12. County or Parish: **Rio Arriba**
 13. State: **New Mexico**

14. Date Spudded: **5/10/2005**
 15. Date T.D. Reached: **5/18/2005**
 16. Date Completed: **2/17/2018**
 D & A Ready to Prod.
 17. Elevations (DF, RKB, RT, GL)*: **6263' GL**

18. Total Depth: **7446'**
 19. Plug Back T.D.: **7441'**
 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8" H40	32.3#	0	234'	n/a	185 sx	248 cf	Surface	17 bbls
8-3/4"	7" J55	20#	0	3281'	2503'	443 sx	891 cf	Surface	41 bbls
6-1/4"	4-1/2" J55	11.6 & 10.5#	0	7443'	n/a	294 sx	595 cf	2540'	

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"	7325'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout / Lwr Menefee	4999'	5309'	1 SPF	0.34"	51	Open
B) Upper Menefee / Cliffhouse	4644'	4922'	1 SPF	0.34"	44	Open
C)						
D) TOTAL					95	

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

Depth Interval	Amount and Type of Material
4999-5309'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/5020# 100 MESH & 145,180# 40/70 sd, 52,059 gal slkwr & 1.85M SCF N2 70Q
4644-4922'	Acidized w/500 gal 15% HCL. Foam FRAC'D w/4980# 100 MESH & 153,320# 40/70 sd, 49,803 gal slkwr & 2.00M 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
2/18/2018	2/18/2018	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"	690 psi	707 psi	→	0	619 mcf/d	15 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	2341'	2405'	White, cr-gr ss	Ojo Alamo	2341'
Kirtland	2405'	2809'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2405'
Fruitland	2809'	3004'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2809'
Pictured Cliffs	3004'	3186'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3004'
Lewis	3186'	3515'	Shale w/ siltstone stingers	Lewis	3186'
Huerfanito Bentonite	3515'	3942'	White, waxy chalky bentonite	Huerfanito Bentonite	3515'
Chacra	3942'	4541'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3942'
Cliffhouse	4541'	4764'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4541'
Menefee	4764'	5150'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4764'
Point Lookout	5150'	5650'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5150'
Mancos	5650'	6348'	Dark gry carb sh.	Mancos	5650'
Gallup	6348'	7095'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6348'
Greenhorn	7095'	7160'	Highly calc gry sh w/ thin lmst.	Greenhorn	7095'
Graneros	7160'	7188'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7160'
Dakota	7188'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands clay & shale breaks	Dakota	7188'

32. Additional remarks (include plugging procedure):

Well is now producing as Mesaverde/Dakota commingle under DHC1814.

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 2/21/2018

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.