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JUN 17 2019

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

5. Lease Serial No.
NMSF-080469

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**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
CA required in the W 1/2

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
Federal E Com 1

3. Address
382 Road 3100, Aztec, NM 87410

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

9. API Well No.
30-045-08759

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit E (SWNW), 1850' FNL & 1190' FWL**
 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. 02, T29N, R11W

12. County or Parish **San Juan** 13. State **New Mexico**

14. Date Spudded
6/1/1964

15. Date T.D. Reached
6/13/1964

16. Date Completed **6/11/2019**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5719' GL

18. Total Depth: **6657'**

19. Plug Back T.D.: **6631'**

20. Depth Bridge Plug Set: **MD**
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

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"	8-5/8" J-55	24#	0	308'	n/a	175 sx			None
7-7/8"	4-1/2" J-55	10.5#	0	6657'	n/a	1000 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"	6519'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	3606'	3606'	NA- csg hole		1	open
B) Mesaverde	4345'	4671'	1 SPF	.34"	27	open
C) Mesaverde	4728'	4728'	NA- csg hole		1	open
D) TOTAL					29	

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

Depth Interval	Amount and Type of Material
6' - 17'	90 sx class G cmt w/ 2% CACL2,
3400' - 3600'	150 sx G neat cmt @ 15.8 ppg (1.14 yield)
4345' - 4671'	1,000 gal 15% HCL, 39, 528 gal of 70Q #20 Linear Gel, 165,380 # 20/40 AZ sand, 1,592,617 scf N2.
4750' - 4950'	200 sx G neat cmt @ 15.8 ppg (1.14 yield), 50 sx Type 3 Neat cmt @ 14.6 ppg (1.37 yield)

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
6/12/2019	6/4/2019	1	→	N/A	68 mcf	27 bwph	n/a	n/a	
Choke Size	Tbg. Press. Flwg.	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
51/64	390 psi	0	→	0	1632 mcf/d	432 bbl	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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JUN 19 2019

FARMINGTON FIELD OFFICE

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	715'	830'	White, cr-gr ss	Ojo Alamo	715'
Kirtland	830'	1440'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	830'
Fruitland	1440'	2038'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1440'
Pictured Cliffs	2038'	2105'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2038'
Lewis	2105'	2697'	Shale w/ siltstone stringers	Lewis	2105'
Huerfanito Bentonite	2697'	3030'	White, waxy chalky bentonite	Huerfanito Bentonite	2697'
Chacra	3030'	3447'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3030'
Cliff House	3447'	3745'	Light gry, med-fine gr ss, carb sh & coal	Cliff House	3447'
Menefee	3745'	4343'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3745'
Point Lookout	4343'	4843'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4343'
Mancos	4843'	5590'	Dark gry carb sh.	Mancos	4843'
Gallup	5590'	6345'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5590'
Greenhorn	6345'	6398'	Highly calc gry sh w/ thin lmst.	Greenhorn	6345'
Graneros	6398'	6518'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6398'
Dakota	6518'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands chy Y shale breaks	Dakota	6518'

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC4974-0

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
 Signature Christine Brock Date 6/17/19

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.