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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. Resvr.,

Other: RECOMPLETE

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

CA required in the W 1/2

8. Lease Name and Well No.

Federal E Com 1

2. Name of Operator

Hilcorp Energy Company

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

10. Field and Pool or Exploratory

Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area

Sec. 02, T29N, R11W

At top prod. Interval reported below

Same as above

12. County or Parish

San Juan

13. State

New Mexico

At total depth

Same as above

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) | Stages/Cement Depth | No. of Sks. & 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 | Perforation 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 | |

ACCEPTED FOR RECORD

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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 | |
| | | | → | | | | | | |

FARMINGTON FIELD OFFICE

AV

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' |
| Huerfano Bentonite | 2697' | 3030' | White, waxy chalky bentonite | Huerfano 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 clay 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.