

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

SF-078414-A

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

2. Name of Operator

Hilcorp Energy Company

3. Address

PO Box 4700, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 599-3400

4. Location of Well (Report location clearly and in accordance with Federal requirements) *OIL CONS. DIV DIST. 2

At surface Unit N (SESW), 800' FSL & 1080' FWL

DEC 22 2017

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded
5/1/197515. Date T.D. Reached
5/9/197516. Date Completed
☐ D & A ☒ Ready to Prod. 12/09/2017

9. API Well No.

30-045-21747

10. Field and Pool or Exploratory

Blanco Mesaverde

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

Sec. 7, T29N, R08W

12. County or Parish

San Juan

13. State

New Mexico

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

6366' GL

18. Total Depth:

7510'

19. Plug Back T.D.:

7470'

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement top* | Amount Pulled |
|-----------|-------------|--------------|----------|-------------|-------------------------|---------------------------------|----------------------|-------------|---------------|
| 13 3/4" | 9/5/8" J-55 | 36# | 0 | 269' | n/a | 200 sx | | | None |
| 8 3/4" | 7" J-55 | 20 & 17# | 0 | 3268' | n/a | 350 sx (722 cf) | | | None |
| 6 1/4" | 4 1/2" K-55 | 10.5 & 11.6# | 0 | 7478' | n/a | 275 sx (575 cf) | | | 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" | 7400" | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforation Interval | Size | No. Holes | Perf. Status |
|------------------|-------|--------|----------------------|------|-----------|--------------|
| A) Point Lookout | 5224' | 5360' | 1 SPF | .34" | 25 | open |
| B) Menefee | 4864' | 5074' | 1 SPF | .34" | 25 | open |
| C) Cliffhouse | 4624' | 4764' | 1 SPF | .34" | 25 | open |
| D) TOTAL | | | | | 75 | |

26. Perforation Record

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

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 5224' - 5360' | Acidized w/500 GAL 15% HCL, frac'd w/ 100,500# 20/40 AZ sand / 39,934 Gal Slickwater / 1.07M SCF N2 @ 70Q |
| 4864' - 5074' | Acidized w/500 GAL 15% HCL, frac'd w/ 101,000# 20/40 AZ sand / 38,924 GAL Slickwater / 1.15M SCF N2 @ 70Q |
| 4624' - 4764' | Acidized w/500 GAL 15% HCL, frac'd w/ 95,669# 20/40 AZ sand / 34,533 GAL Slickwater / 1.07M 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 |
|------------------------|-------------------|------------------------|--------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
| 12/7/2017 | 12/7/2017 | 3 | → | 0 | 94 | 0 bwph | n/a | n/a | flowing |
| Choke Size | Tbg. Press. SI | Csg. Press. Flowing | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| 1/2" | 0 psi | 250 psi | → | 0 | 751 mcf/d | 0 | n/a | | Flowing |

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. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| | | | → | | | | | | |

*(See instructions and spaces for additional data on page 2)

NMOCDA

2

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 | 1890' | 2080' | White, cr-gr ss | Ojo Alamo | 1890' |
| Kirtland | 2080' | 2570' | Gry sh interbedded w/light, gry, fine-gr ss. | Kirtland | 2080' |
| Fruitland | 2570' | 3015' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 2570' |
| Pictured Cliffs | 3015' | 3155' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 3015' |
| Lewis | 3155' | 3992' | Shale w/ siltstone stringers | Lewis | 3155' |
| Chacra | 3992' | 4610' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacra | 3992' |
| Mesa Verde | 4610' | 4780' | Light gry, med-fine gr ss, carb sh & coal | Mesaverde | 4610' |
| Menefee | 4780' | 5201' | Med-dark gry, fine gr ss, carb sh & coal | Menefee | 4780' |
| Point Lookout | 5201' | 5400' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 5201' |
| Mancos | 5400' | 6272' | Dark gry carb sh. | Mancos | 5400' |
| Gallup | 6272' | 7202' | Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 6272' |
| Greenhorn | 7202' | 7263' | Highly calc gry sh w/ thin lmst. | Greenhorn | 7202' |
| Graneros | 7263' | 7303' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 7263' |
| Dakota | 7303' | | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota | 7303' |

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC 3969AZ

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

12/21/17

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.