

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

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

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)\*

At surface Unit N (SESW), 1030' FSL & 1850' FWL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded  
7/19/1985

15. Date T.D. Reached  
7/27/1985

16. Date Completed 7/22/2021  
☐ D & A ☒ Ready to Prod

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
San Juan 28-7 Unit

8. Lease Name and Well No.

San Juan 28-7 Unit 136E

9. API Well No.

30-039-23752

10. Field and Pool or Exploratory

Blanco Mesaverde

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

Sec. 14, T28N, R7W

12. County or Parish

Rio Arriba

13. State

New Mexico

17. Elevations (DF, RKB, RT, GL)\*  
6476'

18. Total Depth 7671'

19. Plug Back T.D. 7661'

20. Depth Bridge Plug Set MD  
TVD

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

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<br>Depth | No. of Sk. &<br>Type of Cement | Slurry Vol.<br>(BBL) | Cement top* | Amount Pulled |
|-----------|-------------|--------------|----------|-------------|-------------------------|--------------------------------|----------------------|-------------|---------------|
| 12 1/4"   | 9 5/8" K-55 | 36#          | 0        | 233'        | n/a                     | 159 cf                         |                      |             |               |
| 8 3/4"    | 7" K-55     | 20#          | 0        | 3479'       | n/a                     | 359 cf                         |                      |             |               |
| 6 1/4"    | 4 1/2" K-55 | 10.5 & 11.6# | 0        | 7671'       | n/a                     | 642 cf                         |                      |             |               |
|           |             |              |          |             |                         |                                |                      |             |               |
|           |             |              |          |             |                         |                                |                      |             |               |
|           |             |              |          |             |                         |                                |                      |             |               |

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" | 7526'          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation        | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|-------|--------|---------------------|------|-----------|--------------|
| A) Point Lookout | 5395' | 5662'  | 1 SPF               | .33" | 25        | open         |
| B) Menefee       | 5030' | 5324'  | 1 SPF               | .33" | 25        | open         |
| C) Cliffhouse    | 4852' | 5004'  | 1 SPF               | .33" | 25        | open         |
| D) TOTAL         |       |        |                     |      | 75        |              |

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

| Depth Interval | Amount and Type of Material                                                                        |
|----------------|----------------------------------------------------------------------------------------------------|
| 5395'-5662'    | Frac w/ 91 017 gal of 70 Q #20 gel foam, 101 802# 20/40 sand, 1.231.306 SCF N2, 88 bbls foam flush |
| 5030'-5324'    | Frac w/ 85.924 gals of 60 Q #20 gel foam, 87.423# 20/40 sand, 1.133.859 SCF N2, 85 bbls foam flush |
| 4852'-5004'    | Frac w/ 77.397 gals of 70Q #20 gel foam, 97.339# 20/40 sand, 1.081.721 SCF N2, 80 bbls Fluid flush |

28. Production - Interval A

| Date First<br>Produced | Test Date            | Hours<br>Tested | Test<br>Production | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Oil Gravity<br>Corr. API | Gas<br>Gravity | Production Method |
|------------------------|----------------------|-----------------|--------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
| 7/22/2021              | 7/22/2021            | 24              | →                  | 0          | 215 mcf    | 0 bbls       | n/a                      | n/a            | Flowing           |
| Choke<br>Size          | Tbg. Press.<br>Flwg. | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio         | Well Status    |                   |
| 24/64"                 | 429 psi              | 627 psi         | →                  | 0          | 215 mcf/d  | 0 bwpd       | n/a                      | Producing      |                   |

28a. Production - Interval B

| Date First<br>Produced | Test Date            | Hours<br>Tested | Test<br>Production | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Oil Gravity<br>Corr. API | Gas<br>Gravity | Production Method |
|------------------------|----------------------|-----------------|--------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
|                        |                      |                 | →                  |            |            |              |                          |                |                   |
| Choke<br>Size          | Tbg. Press.<br>Flwg. | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio         | Well Status    |                   |
| SI                     |                      |                 | →                  |            |            |              |                          |                |                   |

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

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SEP 7 2021

FARMINGTON FIELD OFFICE

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.)

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       | 2370' | 2525'  | White, cr-gr ss                                                                              | Ojo Alamo       | 2370'           |
| Kirtland        | 2525' | 2875'  | Gry sh interbedded w/ tight, gry, fine-gr ss                                                 | Kirtland        | 2525'           |
| Fruitland       | 2875' | 3240'  | Dk gry-gr carb sh, coal, gm silts, light-med gry, tight, fine gr ss                          | Fruitland       | 2875'           |
| Pictured Cliffs | 3240' | 3340'  | Bn-Gry, fine gm, tight ss                                                                    | Pictured Cliffs | 3240'           |
| Lewis           | 3340' | 4160'  | Shale w/ siltstone stringers                                                                 | Lewis           | 3340'           |
| Chacra          | 4160' | 4850'  | Gry fin grn silty glauconitic sd stone w/ drk gry shale                                      | Chacra          | 4160'           |
| Cliffhouse      | 4850' | 4983'  | Light gry, med-fine gr ss, carb sh & coal                                                    | Mesaverde       | 4850'           |
| Menefee         | 4983' | 5392'  | Med-dark gry, fine gr ss, carb sh & coal                                                     | Menefee         | 4983'           |
| Point Lookout   | 5392' | 5892'  | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation              | Point Lookout   | 5392'           |
| Mancos          | 5892' | 6445'  | Dark gry carb sh                                                                             | Mancos          | 5892'           |
| Gallup          | 6445' | 7363'  | Lt gry to bn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh        | Gallup          | 6445'           |
| Greenhorn       | 7363' | 7413'  | Highly calc gry sh w/ thin linst                                                             | Greenhorn       | 7363'           |
| Graneros        | 7413' | 7548'  | Dk gry shale, fossil & carb w/ pyrite incl                                                   | Graneros        | 7413'           |
| Dakota          | 7548' |        | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota          | 7548'           |
| Morrison        |       |        | Interbed gm, bn & red waxy sh & fine to coard gm ss                                          |                 |                 |

## 32. Additional remarks (include plugging procedure)

Dakota-PA NMNM78413C-C1  
This well is currently producing as a MV/DK commingle per DHC 4993. MV PA - NMNM078413A - C2

KR 09/16/2021

## 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) Kandis RolandTitle Operations/Regulatory TechnicianSignature Kandis RolandDate 8/24/2021

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.

(Continued on page 3)

(Form 3160-4, page 2)

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 49788

**ACKNOWLEDGMENTS**

|                                                                                |                                                     |
|--------------------------------------------------------------------------------|-----------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                    |
|                                                                                | Action Number:<br>49788                             |
|                                                                                | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

**ACKNOWLEDGMENTS**

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.     |
| <input checked="" type="checkbox"/> | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion. |

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COMMENTS  
  
Action 49788

COMMENTS

|                                                                                |                                                     |
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|                                                                                | Action Number:<br>49788                             |
|                                                                                | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

COMMENTS

| Created By | Comment                 | Comment Date |
|------------|-------------------------|--------------|
| kpickford  | KP GEO Review 9/22/2021 | 9/22/2021    |

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CONDITIONS

Action 49788

## CONDITIONS

|                                                                                |                                                     |
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|                                                                                | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

## CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| ksimmons   | None      | 9/22/2021      |