

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office NMSF079391  
Bureau of Land Management

|  |  |  |  |
|--|--|--|--|
| 1a. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other   |  | 5. Lease Serial No.<br>NMSF079391  |  |
| b. Type of Completion:<br><input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,<br>Other: RECOMPLETE        |  | 6. If Indian, Allottee of Tribe Name   |  |
| 2. Name of Operator<br>Hilcorp Energy Company  |  | 7. Unit or CA Agreement Name and No.<br>San Juan 27-5 Unit   |  |
| 3. Address<br>382 Road 3100, Aztec, NM 87410   |  | 8. Lease Name and Well No.<br>SAN JUAN 27-5 UNIT 126   |  |
| 3a. Phone No. (include area code)<br>(505) 599-3400  |  | 9. API Well No.<br>30-039-20400  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface UNIT K (NE/SW), 1650' FSL & 1550' FWL<br>At top prod. Interval reported below Same as above<br>At total depth Same as above |  | 10. Field and Pool or Exploratory<br>Blanco Mesaverde  |  |
| 14. Date Spudded<br>7/30/1971  |  | 11. Sec., T., R., M., on Block and<br>Survey or Area<br>Sec. 07, T27N, R05W  |  |
| 15. Date T.D. Reached<br>8/7/1971  |  | 12. County or Parish<br>Rio Arriba   |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 5/19/2019  |  | 13. State<br>New Mexico  |  |
| 17. Elevations (DF, RKB, RT, GL)*<br>6552', GL   |  |  |  |
| 18. Total Depth:<br>7776'  |  | 19. Plug Back T.D.:<br>7762'   |  |
| 20. Depth Bridge Plug Set:<br>MD<br>TVD  |  |  |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>CBL   |  | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sks. &<br>Type of Cement | Slurry Vol.<br>(BBL) | Cement top* | Amount Pulled |
| 13 3/4"  | 9 5/8" H-40 | 32.3#         | 0        | 231'        | n/a                     | 190 sx                          |                      | Surface     |               |
| 8 3/4"   | 7" K-55     | 20#           | 0        | 3609'       | n/a                     | 130 sx                          |                      | Surface     |               |
| 6 1/4"   | 4 1/2" K-55 | 11.6# & 10.5# | 0        | 7776'       | n/a                     | 340 sx                          |                      | TOC 2650'   |               |
|  |             |               |          |             |                         |                                 |                      |             |               |
|  |             |               |          |             |                         |                                 |                      |             |               |
|  |             |               |          |             |                         |                                 |                      |             |               |

| 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"            | 7691'          |                   |      |                |                   |      |                |                   |  |

| 25. Producing Intervals |       |        |                     |       | 26. Perforation Record |              |  |  |  |
|-------------------------|-------|--------|---------------------|-------|------------------------|--------------|--|--|--|
| Formation               | Top   | Bottom | Perforated Interval | Size  | No. Holes              | Perf. Status |  |  |  |
| A) Mesaverde            | 4976' | 5704'  | 1 SPF, 2 runs       | 0.34" | 71                     | open         |  |  |  |
| B) Total                |       |        |                     |       | 71                     |              |  |  |  |
| C)                      |       |        |                     |       |                        |              |  |  |  |
| D)                      |       |        |                     |       |                        |              |  |  |  |

| 27. Acid, Fracture, Treatment, Cement Squeeze, etc. |  |  |   |  |  |  |  |  |  |
|---|--|--|---|--|--|--|--|--|--|
| Depth Interval                                      |  |  | Amount and Type of Material   |  |  |  |  |  |  |
| 4976' - 5704'                                       |  |  | Foam frac'd w/300,200#, 40/70 sand & 83,475 gal slickwater & 3.02 million SCF N2 70Q. |  |  |  |  |  |  |
|   |  |  |   |  |  |  |  |  |  |
|   |  |  |   |  |  |  |  |  |  |

| 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 |
| 5/20/2019                   | 5/20/2019            | 1               | →                  | 0          | 21.04mcf   | 0            | 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    |                   |
| 7/8"                        | SI-468 psi           | SI-589psi       | →                  | 0 bopd     | 505 mcf/d  | 24 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.<br>SI | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio         | Well Status    |                   |
|                              |                            |                 | →                  |            |            |              |                          |                |                   |

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

NMOCD - Rec'd 6-13-19

JUN 12 2019

FARMINGTON FIELD OFFICE  
BY: [Signature]

## 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 |
| Huerfanito Bentonite | 3846' | 4272'  | White, waxy chalky bentonite   | Huerfanito Bentonite | 3846'       |
| Chacara              | 4272' | 4972'  | Gry fn grn silty, glauconitic sd stone w/ drk gry shale                                      | Chacara              | 4272'       |
| Upper CliffHouse     | 4972' | 5088'  | Light gry, med-fine gr ss, carb sh & coal  | Upper CliffHouse     | 4972'       |
| Menefee              | 5088' | 5480'  | Med-dark gry, fine gr ss, carb sh & coal   | Menefee              | 5088'       |
| Point Lookout        | 5480' | 5970'  | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation              | Point Lookout        | 5480'       |
| Mancos               | 5970' | 6606'  | Dark gry carb sh.  | Mancos               | 5970'       |
| Gallup               | 6606' | 7437'  | Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.     | Gallup               | 6606'       |
| GreenHorn            | 7437' | 7494'  | Highly calc gry sh w/ thin lmst.   | GreenHorn            | 7437'       |
| Graneros             | 7494' | 7630'  | Dk gry shale, fossil & carb w/ pyrite incl.  | Graneros             | 7494'       |
| Dakota               | 7630' |        | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota               | 7630'       |

## 32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/Basin Dakota under DHC 4868

## 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)\*

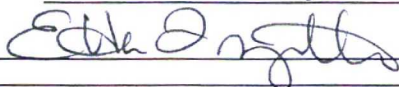
Name (please print)

Etta Trujillo

Title

Operations/Regulatory Technician Sr

Signature



Date

5/23/2019

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.