

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|  |  |   |                                 |
|--|--|---|---------------------------------|
| <sup>1</sup> Operator name and Address<br>Hilcorp Energy Company<br>382 Road 3100<br>Aztec, NM 87410 |  | <sup>2</sup> OGRID Number<br>372171                       |                                 |
|  |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>RC |                                 |
| <sup>4</sup> API Number<br>30-039-23864  | <sup>5</sup> Pool Name<br>Blanco Mesaverde       |   | <sup>6</sup> Pool Code<br>72319 |
| <sup>7</sup> Property Code<br>318708   | <sup>8</sup> Property Name<br>San Juan 28-5 Unit |   | <sup>9</sup> Well Number<br>96E |

II. <sup>10</sup> Surface Location

|                    |               |                 |              |         |                       |                           |                      |                        |                      |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------------|
| UI or lot no.<br>M | Section<br>11 | Township<br>28N | Range<br>05W | Lot Idn | Feet from the<br>1270 | North/South Line<br>South | Feet from the<br>700 | East/West Line<br>West | County<br>Rio Arriba |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------------|

<sup>11</sup> Bottom Hole Location

|                             |  |          |                                   |         |                                   |                  |                                    |                |                                     |
|-----------------------------|--|----------|-----------------------------------|---------|-----------------------------------|------------------|------------------------------------|----------------|-------------------------------------|
| UI or lot no.               | Section                                  | Township | Range                             | Lot Idn | Feet from the                     | North/South Line | Feet from the                      | East/West Line | County<br>Choose an item.           |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method Code<br>F |          | <sup>14</sup> Gas Connection Date |         | <sup>15</sup> C-129 Permit Number |                  | <sup>16</sup> C-129 Effective Date |                | <sup>17</sup> C-129 Expiration Date |

III. Oil and Gas Transporters

|                                 |  |                     |
|---------------------------------|--|---------------------|
| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address | <sup>20</sup> O/G/W |
| 248440                          | Western Refinery                           | O                   |
|                                 |  |                     |
| 151618                          | Enterprise                                 | G                   |
|                                 |  |                     |
|                                 |  |                     |
|                                 |  |                     |
|                                 |  |                     |
|                                 |  |                     |

IV. Well Completion Data

|                                       |                                      |                                    |                             |  |                                   |
|---------------------------------------|--------------------------------------|------------------------------------|-----------------------------|--|-----------------------------------|
| <sup>21</sup> Spud Date<br>10/11/1985 | <sup>22</sup> Ready Date<br>8/5/2023 | <sup>23</sup> TD<br>8416'          | <sup>24</sup> PBTD<br>8408' | <sup>25</sup> Perforations<br>5524-6510' | <sup>26</sup> DHC, MC<br>DHC-5304 |
| <sup>27</sup> Hole Size               |                                      | <sup>28</sup> Casing & Tubing Size |                             | <sup>29</sup> Depth Set                  |                                   |
| 12 1/4"                               |                                      | 9 5/8", 32.3#, K-55                |                             | 350'                                     |                                   |
| 8 3/4"                                |                                      | 7", 23# & 20#, K-55                |                             | 4237'                                    |                                   |
| 6 1/4"                                |                                      | 4 1/2", 11.6#, N-80                |                             | 8416'                                    |                                   |
|                                       |                                      | 2 3/8", 4.7#, J-55                 |                             | 8259'                                    |                                   |

V. Well Test Data

|                                    |   |                                     |                                     |  |  |
|------------------------------------|---|-------------------------------------|-------------------------------------|--|--|
| <sup>31</sup> Date New Oil<br>n/a  | <sup>32</sup> Gas Delivery Date<br>8/5/2023 | <sup>33</sup> Test Date<br>8/5/2023 | <sup>34</sup> Test Length<br>4 hrs. | <sup>35</sup> Tbg. Pressure<br>535 psi | <sup>36</sup> Csg. Pressure<br>440 psi |
| <sup>37</sup> Choke Size<br>18/64" | <sup>38</sup> Oil<br>0 bbl                  | <sup>39</sup> Water<br>0 bbl        | <sup>40</sup> Gas<br>97 mcf         |  | <sup>41</sup> Test Method<br>Flowing   |

|  |                        |   |  |
|--|------------------------|---|--|
| <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.<br>Signature:<br><br>Cherylene Weston |                        | OIL CONSERVATION DIVISION<br><br>Approved by: <i>Dean R McClure</i> |  |
| Printed name:<br><br>Cherylene Weston  |                        | Title:<br>Petroleum Engineer  |  |
| Title:<br><br>Operations Regulatory Tech Sr.   |                        | Approval Date:<br>08/21/2023  |  |
| E-mail Address:<br><br>cweston@hilcorp.com   |                        |   |  |
| Date:<br>8/17/2023   | Phone:<br>713-289-2615 |   |  |

|                                      |  |  |
|--------------------------------------|--|--|
| <b>Well Name:</b> SAN JUAN 28-5 UNIT | <b>Well Location:</b> T28N / R5W / SEC 11 / SWSW / 36.671722 / -107.334702 | <b>County or Parish/State:</b> RIO ARRIBA / NM |
| <b>Well Number:</b> 96E              | <b>Type of Well:</b> CONVENTIONAL GAS WELL                                 | <b>Allottee or Tribe Name:</b>                 |
| <b>Lease Number:</b> NMSF079250      | <b>Unit or CA Name:</b> SAN JUAN 28-5 UNIT--DK                             | <b>Unit or CA Number:</b> NMNM78411B           |
| <b>US Well Number:</b> 3003923864    | <b>Well Status:</b> Producing Gas Well                                     | <b>Operator:</b> HILCORP ENERGY COMPANY        |

### Subsequent Report

**Sundry ID:** 2746384

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 08/16/2023

**Time Sundry Submitted:** 09:21

**Date Operation Actually Began:** 06/28/2023

**Actual Procedure:** Hilcorp Energy recompleted the subject well into the Mesaverde formation. Please see attached reports.

### SR Attachments

#### Actual Procedure

SJ\_28\_5\_Unit\_96E\_RC\_Subsequent\_Sundry\_20230816092030.pdf

**Well Name:** SAN JUAN 28-5 UNIT

**Well Location:** T28N / R5W / SEC 11 /  
SWSW / 36.671722 / -107.334702

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 96E

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF079250

**Unit or CA Name:** SAN JUAN 28-5  
UNIT--DK

**Unit or CA Number:**  
NMNM78411B

**US Well Number:** 3003923864

**Well Status:** Producing Gas Well

**Operator:** HILCORP ENERGY  
COMPANY

### Operator

*I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a*

**Operator Electronic Signature:** CHERYLENE WESTON

**Signed on:** AUG 16, 2023 09:20 AM

**Name:** HILCORP ENERGY COMPANY

**Title:** Operations/Regulatory Tech - Sr

**Street Address:** 1111 TRAVIS STREET

**City:** HOUSTON

**State:** TX

**Phone:** (713) 289-2615

**Email address:** cweston@hilcorp.com

### Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

### BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742

**BLM POC Email Address:** krennick@blm.gov

**Disposition:** Accepted

**Disposition Date:** 08/17/2023

**Signature:** Kenneth Rennick

San Juan 28-5 Unit 96E  
 API # 30-039-23864  
 Recomplete Subsequent Sundry

- 6/28/2023 W/O SL OPS TO BE COMPLETED. SET 3-SLIP STOP. PERF TBG. RD SL. MIRU. LAY OUT FLOW LINES. BH-0 PSI, INT-0 PSI, CSG-84 PSI, TBG-84 PSI. ND WH. NU BOP. RU FLOOR. PULL TBG HANGER. MIRU TBG SCANNERS. SCAN OUT TBG. JT 106 PARTED AT PIN. SISW. SDFN.
- 6/29/2023 BH-0 PSI, INT-0 PSI, CSG-68 PSI. TIH W/OVERSLOT & SPIRAL GRAPPLE. ENGAGE FISH @ 3,330'. TOO H, RECOVER 36 JTS. TIH OS & GRAPPLE. TAG FISH @ 4,440'. UNABLE TO ENGAGE FISH. TOO H. BROKEN GRAPPLE. SDFN.
- 6/30/2023 BH-0 PSI, INT-0 PSI, CSG-5 PSI. TIH W/SKIRTED MILL & DC. TAG TOF @ 4,441'. RIH POWER SWVL. EST CIRC AIR/MIST. MO FISH 4,441'-4,444'. CIRC CLEAN, TOO H. TIH W/OS & BASKET GRAPPLE. ENGAGE FISH @ 4,444'. PUMP 20 BBLs, WORKED TBG FREE. TOO H. LD OS & ALL FISH. FULL RECOVERY. SDFN.
- 7/5/2023 BH-0 PSI, SIIC-0 PSI, CSG-0 PSI, TBG-N/A. TIH 3-7/8" STRING MILL TO 8212'. TOH LD MILL. SET CIBP @ 8185'. FILL HOLE W/WATER, ROLL CLEAN, 130 BBLs. PT 550 PSI X 30 MIN, GOOD. SISW. SDFN.
- 7/6/2023 BH-0 PSI, SIIC-0 PSI, SICP-0 PSI, SITP-0 PSI. MIRU BASIN. RUN CBL. PERFORM MIT @ 545 PSI X 30 MIN. GOOD TEST. JOHN DURHAM, NMOCD WITNESSED. SET CBP @ 6641'. FILL HOLE W/WATER, PT TO 2000 PSI, GOOD. TIH 50 JTS. SDFN.
- 7/7/2023 BH-0 PSI, SIIC-0 PSI, SICP-0 PSI, SITP-N/A. ND BOP. ND TBG HEAD. NU TBG HEAD. PT CSG/TBG HEAD 4000 PSI X 30 MINS, TEST GOOD. NU BOP. TIH W/TBG, LD. RD FLOOR, NU FRAC STACK. PT. GOOD.
- 7/26/2023 RU BASIN WL. RIH, PERF STAGE 1 (PT LOOKOUT/LOWER MENEFE) W/0.33", 1 SPF @ 6018, 6033, 6049, 6056, 6090, 6121, 6146, 6158, 6164, 6174, 6184, 6203, 6221, 6231, 6244, 6252, 6270, 6299, 6345, 6382, 6411, 6429, 6439, 6510' (21 HOLES). RU FRAC CREW. FRAC STAGE 1: BDW W/WATER & 500 GAL 15% HCL. FOAM FRAC PT LOOKOUT/LOWER MENEFE W/122,392 LBS 20/40 SAND, 47,082 GAL SLICKWATER & 1.78M SCF N2 70Q. SET FRAC PLUG @ 6,003'. PERF STAGE 2, (CLIFFHOUSE/UPPER MENEFE) W/0.33", 1 SPF @ 5524, 5556, 5646, 5719, 5738, 5752, 5761, 5768, 5773, 5784, 5795, 5807, 5829, 5848, 5857, 5874, 5892, 5914, 5975, 5984, 5988' (24 HOLES). FRAC STAGE 2: BDW W/WATER AND 500 GAL 15% HCL. FOAM FRAC CLIFFHOUSE/UPPER MENEFE W/125,152 LBS 20/40 SAND, 47,376 GAL SLICKWATER & 1.60M SCF N2 70Q. SET CBP @ 5,308'. BLEED OFF, PLUG HELD. RD. TOTAL FRAC LOAD = 2273 BBLs (INCL 24 BBLs ACID). TOTAL SAND = 247,544 LBS. TOTAL N2 = 3.38M SCF.
- 8/1/2023 MIRU. SICP-0 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. LAND HANGER & 2-WAY CHK. ND FRAC STACK. NU BOP & PT. GOOD. PULL HANGER. RU RIG FLOOR. TIH W/3-7/8" 3-BLADE MILL & BIT SUB TO 3,000'. UNLOAD WELL. CONT TIH. TAG PLUG #1 @ 5,308'. LD 1 JT. SISW. SDFN.
- 8/2/2023 SICP-0 PSI, SITP-0 PSI, (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. RU PWR SWVL & AIR. UNLOAD WELL. TAG & DO PLUG #1 @ 5,308'. VERIFY PLUG GONE. HANG BACK SWVL. TIH, TAG 108' FILL @ 5,895'. RU PWR SWVL/AIR. CIRC & CLEAN UP. DO PLUG #2. VERIFY PLUG #2 IS GONE. HANG BACK PWR SWVL. TIH, TAG 118' FILL @ 6,523'. RU PWR SWVL/AIR. CO TO PLUG #3. DO PLUG #2 @ 6,679'. VERIFY PLUG IS GONE. HANG BACK PWR SWVL. TOO H 22 STNDS. SISW. SDFN.
- 8/4/2023 SICP-500 PSI, SITP-0 PSI, (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. OPEN WELL. CONT TOO H. TIH, LAND 263 JTS 2 3/8", 4.7# J-55 TBG @ 8,259' (SN @ 8,257'). RD FLOOR. ND BOP, NU WH. DROP BALL AND PT TUBING TO 500 PSI - GOOD TEST. PUMP OFF EXP CHECK, UNLOAD WELL. RDRR.

This well is currently producing as a Mesaverde/Dakota commingle with Gas Allowable C-104 waiting on RC C-104 approval.

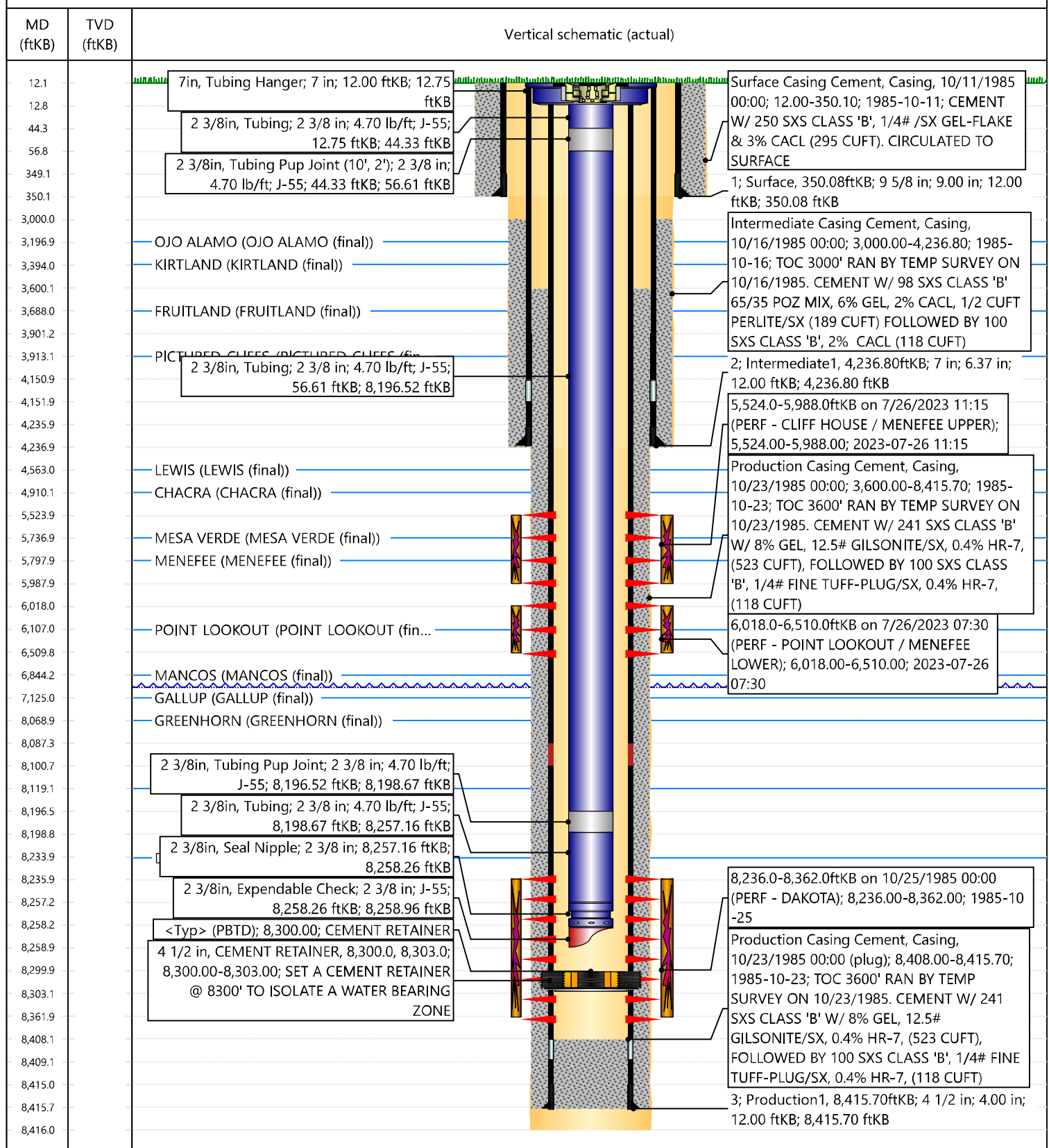


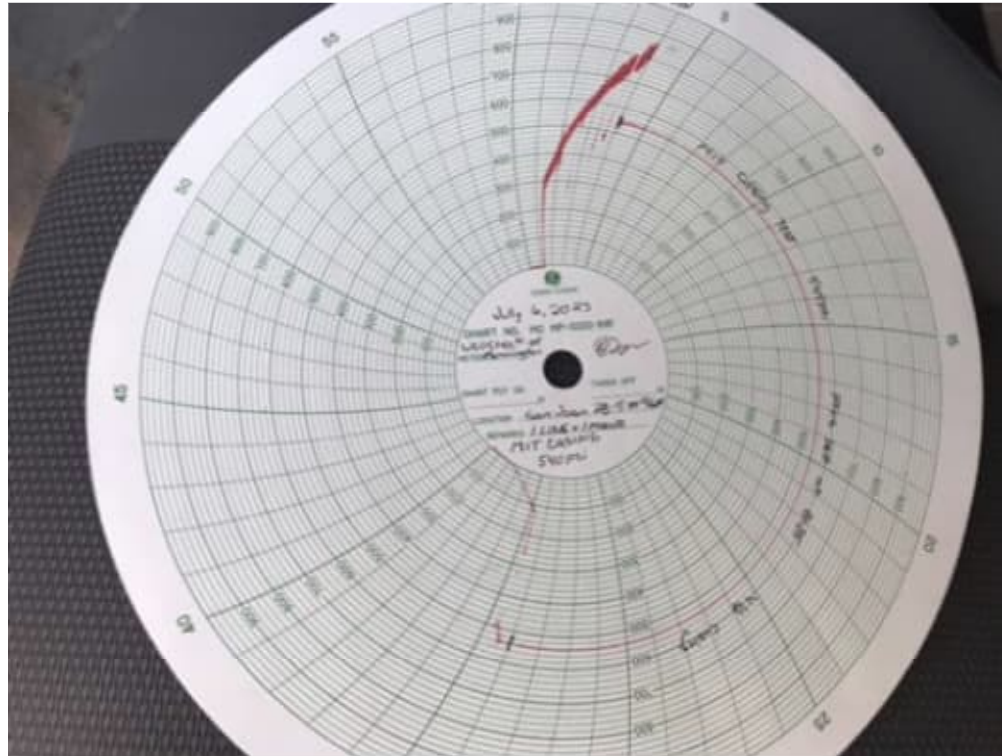
## Current Schematic - Version 3

Well Name: SAN JUAN 28-5 UNIT #96E

|                                   |   |                               |                                |                                |                              |                                     |
|-----------------------------------|---|-------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------------|
| API / UWI<br>3003923864           | Surface Legal Location<br>011-028N-005W-L | Field Name<br>BSN DK(PRO GAS) | #0068                          | Route<br>1308                  | State/Province<br>NEW MEXICO | Well Configuration Type<br>VERTICAL |
| Ground Elevation (ft)<br>6,974.00 | Original KB/RT Elevation (ft)<br>6,986.00 | RKB to GL (ft)<br>12.00       | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |                              |                                     |

## Original Hole [VERTICAL]





Cheryl Weston

---

From: blm-afmss-notifications@blm.gov  
Sent: Wednesday, August 16, 2023 10:44 AM  
To: Cheryl Weston  
Subject: [EXTERNAL] Well Name: SAN JUAN 28-5 UNIT, Well Number: 96E, Acknowledgement of Submission for Well Completion

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

## The Bureau of Land Management

### Notice of receiving Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 28-5 UNIT**
- Well Number: **96E**
- US Well Number: **3003923864**
- Well Completion Report Id: **WCR2023081688995**

This is to notify you that we have received your Well Completion Report. Thank you. If we need more information we will contact you.

This notification is automatically generated. Please do not reply to this message as this account is not monitored.



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

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

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Unit M (SWSW), 1270' FSL &amp; 700' FWL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

10/11/1985

15. Date T.D. Reached

10/23/1985

16. Date Completed

8/5/2023

☐ D & A☒ Ready to Prod.

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

6,974'

18. Total Depth:

8,416'

19. Plug Back T.D.:

8,408'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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"   | 9 5/8" K-55 | 32.3#       | 0        | 350'        | n/a                  | 250 sx                      |                   |             |               |
| 8 3/4"    | 7" K-55     | 23# & 20#   | 0        | 4,237'      | n/a                  | 198 sx                      |                   |             |               |
| 6 1/4"    | 4 1/2" N-80 | 11.6#       | 0        | 8,416'      | n/a                  | 341 sx                      |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |

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" | 8,259'         |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation                      | Top    | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------------------------|--------|--------|---------------------|------|-----------|--------------|
| A) Cliffhouse /Upper Menefee   | 5,524' | 5,988' | 1 SPF               | .33" | 24        | open         |
| B) Point Lookout/Lower Menefee | 6,018' | 6,510' | 1 SPF               | .33" | 21        | open         |
| C)                             |        |        |                     |      |           |              |
| D)                             |        |        |                     |      |           |              |
| TOTAL                          |        |        |                     |      | 45        |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 5524-5988      | Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 47,376 gal 70 Q slickwater, 125,152# 20/40 sand, 1.60M SCF N2. |
| 6018-6510      | Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 47,082 gal 70 Q slick water, 122,392# 20/40 sand, 1.78M SCF N2 |
| -              |  |

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 |
|---------------------|-------------------|--------------|-----------------|---------|----------|-----------|-----------------------|-------------|-------------------|
| 8/5/2023            | 8/5/2023          | 4            | ➡               | 0       | 97 mcf   | 0 bbls    | n/a                   | n/a         | Flowing           |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF  | Water BBL | Gas/Oil Ratio         | Well Status |                   |
| 18/64"              | 535 psi           | 440 psi      | ➡               | 0       | 97 mcf/d | 0 bwpd    | 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. SI | Csg. 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)



## 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            |        | 0      | White, cr-gr ss  | Ojo Alamo            |             |
| Kirtland             |        | 0      | Gry sh interbedded w/tight, gry, fine-gr ss.   | Kirtland             |             |
| Fruitland            |        | 0      | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Fruitland            |             |
| Pictured Cliffs      |        | 0      | Bn-Gry, fine grn, tight ss.  | Pictured Cliffs      |             |
| Lewis                |        | 0      | Shale w/ siltstone stingers  | Lewis                |             |
| Huerfanito Bentonite |        | 4,910' | White, waxy chalky bentonite   | Huerfanito Bentonite |             |
| Chacra               | 4,910' | 5,738' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale                                    | Chacra               | 4,910'      |
| Cliff House          | 5,738' | 5,798' | Light gry, med-fine gr ss, carb sh & coal  | Cliff House          | 5,738'      |
| Menefee              | 5,798' | 6,110' | Med-dark gry, fine gr ss, carb sh & coal   | Menefee              | 5,798'      |
| Point Lookout        | 6,110' | 6,610' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation            | Point Lookout        | 6,110'      |
| Mancos               | 6,610' | 7,125' | Dark gry carb sh.  | Mancos               | 6,610'      |
| Gallup               | 7,125' | 8,069' | Lt. gry to brn calc micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.         | Gallup               | 7,125'      |
| Greenhorn            | 8,069' | 0,000' | Highly calc gry sh w/ thin lmst.   | Greenhorn            | 8,069'      |
| Graneros             |        | 8,234' | Dk gry shale, fossil & carb w/ pyrite incl.  | Graneros             |             |
| Dakota               | 8,234' | 7236'  | Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota               | 8,234'      |
| Morrison             |        |        | Interbed grn, brn & red waxy sh & fine to coard grn ss                                     | Morrison             |             |

32. Additional remarks (include plugging procedure):

**This well is currently producing as a MV/DK commingle per DHC-5304. MV PA - NMNM078411A**

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) Cherylene Weston Title Operations/Regulatory Technician

Signature Cherylene Weston Date 8/16/2023

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.

**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 253777

ACKNOWLEDGMENTS

|  |  |
|--|--|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                   |
|  | Action Number:<br>253777                           |
|  | Action Type:<br>[C-104] Completion Packet (C-104C) |

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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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

CONDITIONS  
  
Action 253777

CONDITIONS

|  |  |
|--|--|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                   |
|  | Action Number:<br>253777                           |
|  | Action Type:<br>[C-104] Completion Packet (C-104C) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| dmcclure   | None      | 8/21/2023      |