

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

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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>30-045-60190  | <sup>5</sup> Pool Name<br>Basin Fruitland Coal | <sup>6</sup> Pool Code<br>71629                           |
| <sup>7</sup> Property Code<br>319312   | <sup>8</sup> Property Name<br>Howell G         | <sup>9</sup> Well Number<br>2                             |

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

| Ul or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West Line | County   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| M             | 6       | 30N      | 08W   | 7       | 990           | South            | 990           | West           | San Juan |

**<sup>11</sup> Bottom Hole Location**

| UL or lot no.               | Section                                  | Township                          | Range                             | Lot Idn                            | Feet from the                       | North/South Line | Feet from the | East/West Line | County          |
|-----------------------------|--|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|-----------------|
|                             |  |                                   |                                   |                                    |                                     |                  |               |                | 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**

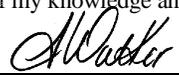
| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address | <sup>20</sup> O/G/W |
|---------------------------------|--|---------------------|
| 248440                          | Western Refinery                           | O                   |
| 151618                         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

**IV. Well Completion Data**

|                                      |  |                           |                             |  |                               |
|--------------------------------------|--|---------------------------|-----------------------------|--|-------------------------------|
| <sup>21</sup> Spud Date<br>9/24/1957 | <sup>22</sup> Ready Date<br>10/28/2023 | <sup>23</sup> TD<br>5268' | <sup>24</sup> PBTD<br>5260' | <sup>25</sup> Perforations<br>2632' -2821' | <sup>26</sup> DHC, MC<br>5318 |
| <sup>27</sup> Hole Size              | <sup>28</sup> Casing & Tubing Size     | <sup>29</sup> Depth Set   | <sup>30</sup> Sacks Cement  |  |                               |
| 12 1/2"                              | 10 3/4", 32.75#,                       | 174'                      | 150 sx                      |  |                               |
| 9 7/8"                               | 7 5/8", 26.4#, J-55                    | 3104'                     | 250 sx                      |  |                               |
| 6 3/4"                               | 5 1/2", 15.5#, J-55                    | TOL: 3043' BOL: 5266'     | 300 sx                      |  |                               |
|                                      | 2 3/8", 4.7#, J-55                     | 5211'                     |                             |  |                               |

**V. Well Test Data**

|                                    |   |                          |                           |                                     |                                       |
|------------------------------------|---|--------------------------|---------------------------|-------------------------------------|---------------------------------------|
| <sup>31</sup> Date New Oil         | <sup>32</sup> Gas Delivery Date<br>10/28/2023 | <sup>33</sup> Test Date  | <sup>34</sup> Test Length | <sup>35</sup> Tbg. Pressure<br>SI 0 | <sup>36</sup> Csg. Pressure<br>SI 150 |
| <sup>37</sup> Choke Size<br>22/64" | <sup>38</sup> Oil<br>0                        | <sup>39</sup> Water<br>0 | <sup>40</sup> Gas<br>126  |                                     | <sup>41</sup> Test Method             |

|  |                                 |
|--|---------------------------------|
| <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>Printed name: Amanda Walker<br>Title: Operations Regulatory Tech Sr.<br>E-mail Address: mwalker@hilcorp.com<br>Date: 11/1/2023 | OIL CONSERVATION DIVISION       |
|  | Approved by: Sarah McGrath      |
|  | Title: Petroleum Specialist - A |
|  | Approval Date: 11/13/2023       |
|  | Phone: 346-237-2177             |

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

|                                   |   |  |
|-----------------------------------|---|--|
| <b>Well Name:</b> HOWELL G        | <b>Well Location:</b> T30N / R8W / SEC 6 / SESW / 36.835388 / -107.719208 | <b>County or Parish/State:</b> SAN JUAN / NM |
| <b>Well Number:</b> 2             | <b>Type of Well:</b> CONVENTIONAL GAS WELL                                | <b>Allottee or Tribe Name:</b>               |
| <b>Lease Number:</b> NMNM012719   | <b>Unit or CA Name:</b>   | <b>Unit or CA Number:</b> NMNM73456          |
| <b>US Well Number:</b> 3004560190 | <b>Well Status:</b> Producing Gas Well                                    | <b>Operator:</b> HILCORP ENERGY COMPANY      |

**Subsequent Report**

**Sundry ID:** 2759310

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 11/02/2023

**Time Sundry Submitted:** 09:29

**Date Operation Actually Began:** 09/14/2023

**Actual Procedure:** The following well has been recompleted into the Fruitland Coal and is now producing as a DHC with the existing Mesaverde. Please see the attached for the recompletion operations.

**SR Attachments**

**Actual Procedure**

Howell\_G\_2\_SR\_RC\_Writeup\_20231102092922.pdf

Well Name: HOWELL G

Well Location: T30N / R8W / SEC 6 /  
SESW / 36.835388 / -107.719208

County or Parish/State: SAN  
JUAN / NM

Well Number: 2

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMNM012719

Unit or CA Name:

Unit or CA Number:  
NMNM73456

US Well Number: 3004560190

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: AMANDA WALKER

Signed on: NOV 02, 2023 09:29 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST

City: HOUSTON

State: TX

Phone: (346) 237-2177

Email address: MWALKER@HILCORP.COM

### Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

### BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 11/03/2023

Signature: Matthew Kade

Howell G 2  
30-045-60190  
NMNM012719  
SR Recomplete

9/14/2023: MIRU. CK PRESSURES (SITP: 0 PSI SICP: 55 PSI SIBH: 0 PSI). LD PMP & RODS. ND WH. NU BOP, FT, GOOD TST. TIH & DID NOT TAG FILL. SCAN TBG OOH. SDFN

9/15/2023: CK PRESSURES (SITP: 0 PSI SICP: 50 PSI SIBH: 0 PSI). TIH W/SCRAPER T/3625'. TIH & **SET CIBP @ 3550'**. PMP 135 BBLS OF BIOCIDAL WATER, CIRC CLEAN. PT CSG T/700 PSI F/30 MINS, GOOD PRE-TST. TOO H W/TBG. RUN CBL. SDFN

9/18/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). PERFORM MIT T/560 PSI F/30 MINS. TST WITNESSED & PASSED BY JOHN DURHAM & ANTHONY BUNNY W/NMOCD. ND BOP. NU WH. SDFN

9/19/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). TIH W/MILL T/2902'. TOO H. TIH & **SET FRAC PLUG @ 2875'**. **PERF FRUITLAND COAL (2754' – 2821') W/42 SHOTS, 0.35" DIA, 3 SPF.** TIH & **SET FRAC THRU PLUG @ 2737'**. START TIH W/FRAC STRING. SDFN

9/20/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). FINISH TIH W/FRAC STRING. EOT @ 2582'. ND BOP. NU FRAC STACK, PT T/9100 PSI, GOOD TST. SD WAIT ON FRAC.

10/18/2023: CK PRESSURES (SICP-0, SITP-400, SIBHP-0). MIRU FRAC CREW. ATTEMPT T/FRAC. REALIZED IMMEDIATE BACKSIDE PSI ON FRAC STRING. RDR FRAC CREW. ND FRAC STACK. NU BOP & TST, GOOD TST. HYDRO TST FRAC STRING T/980', 33 JTS LEFT IN HOLE. SDFN **EMAIL TO UPDATE PERF RANGE BASED ON CBL, SEE ATTACHED.**

10/19/2023: CK PRESSURES (SICP-400, SITP-400, SIBHP-0). FINISH TOO H W/FRAC STRING. RU HYDRO TST & TIH W/FRAC STRING. EOT @ 2549'. PT T/600 PSI, GOOD TST. ND BOP. NU FRAC STACK & PT, GOOD TST. SDFN

10/20/2023: CK PRESSURES (SITP: VAC SICP: 0 PSI SIBHP: 0 PSI). RU FRAC CREW. FRUITLAND COAL STIMULATION: (2754' TO 2821') STAGE 1 FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 685 BBLS TOTAL ACID: 1000-GAL TOTAL SLICKWATER: 366 BBLS TOTAL L-FRAC: 295 BBLS TOTAL 100 MESH: 5050 BBLS TOTAL 20/40 SAND: 75,803 LBS TOTAL N2: 808,000 SCF. **PERF FRUITLAND COAL (2632' – 2724') W/27 SHOTS, 0.35" DIA, 3 SPF.** FRUITLAND COAL STIMULATION: (2632' TO 2724') STAGE 2 FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 687 BBLS TOTAL ACID: 1000-GAL TOTAL SLICKWATER: 345 BBLS TOTAL L-FRAC: 318 BBLS TOTAL 100 MESH: 2750 BBLS TOTAL 20/40 SAND: 93,442 LBS TOTAL N2: 817,000 SCF. RDR FRAC CREW.

10/24/2023: CK PRESSURES (SITP: 960 PSI SICP: 0 PSI SIBH: 0 PSI). ND FRAC STACK. NU BOP & FT, GOOD TST. RELEASE FRAC PACKER & TOO H W/FRAC STRING. SDFN

10/25/2023: CK PRESSURES (SITP: 0 PSI SICP: 1100 PSI SIBH: 0 PSI). TIH W/BIT. TAG & **DO FRAC THRU PLUG @ 2737'**. CONT TIH & TAG & **DO FRAC PLUG @ 2875'**. HANG SWVL & TOO H T/2554'. SDFN

10/26/2023: CK PRESSURES (SITP: 0 PSI SICP: 900 PSI SIBH: 0 PSI). TIH & TAG PLUG PARTS @ 3040'. EST CIRC & CO PLUG PARTS. CONT TIH. TAG & **DO CIBP @ 3550'**. CONT TIH & CO T/5250'. SDFN

10/27/2023: CK PRESSURES (SITP: 0 PSI SICP: 175 PSI SIBH: 0 PSI). TIH W/162 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 5211'. SN @ 5209'. ND BOP. NU WH. PMP 7-GAL CORROSION INHIBITOR SWEEP, PT TBG T/500 PSI F/10 MINS, GOOD TST. PMP OFF EXPENDABLE CK @ 800 PSI. RDRR HAND WELL OVER TO OPERATIONS.

\*WELL NOW PRODUCING AS A FC/MV COMMINGLE\*

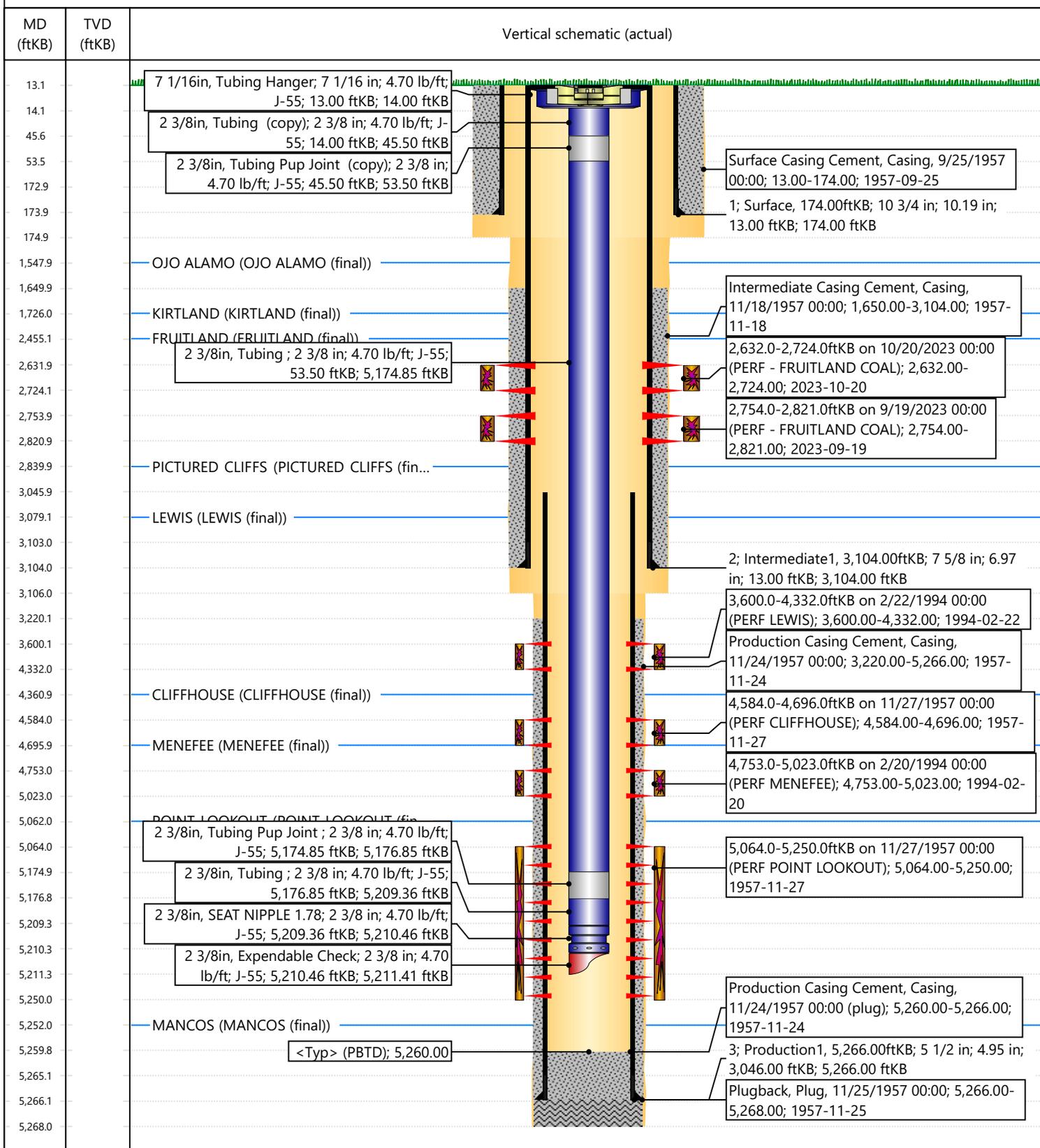


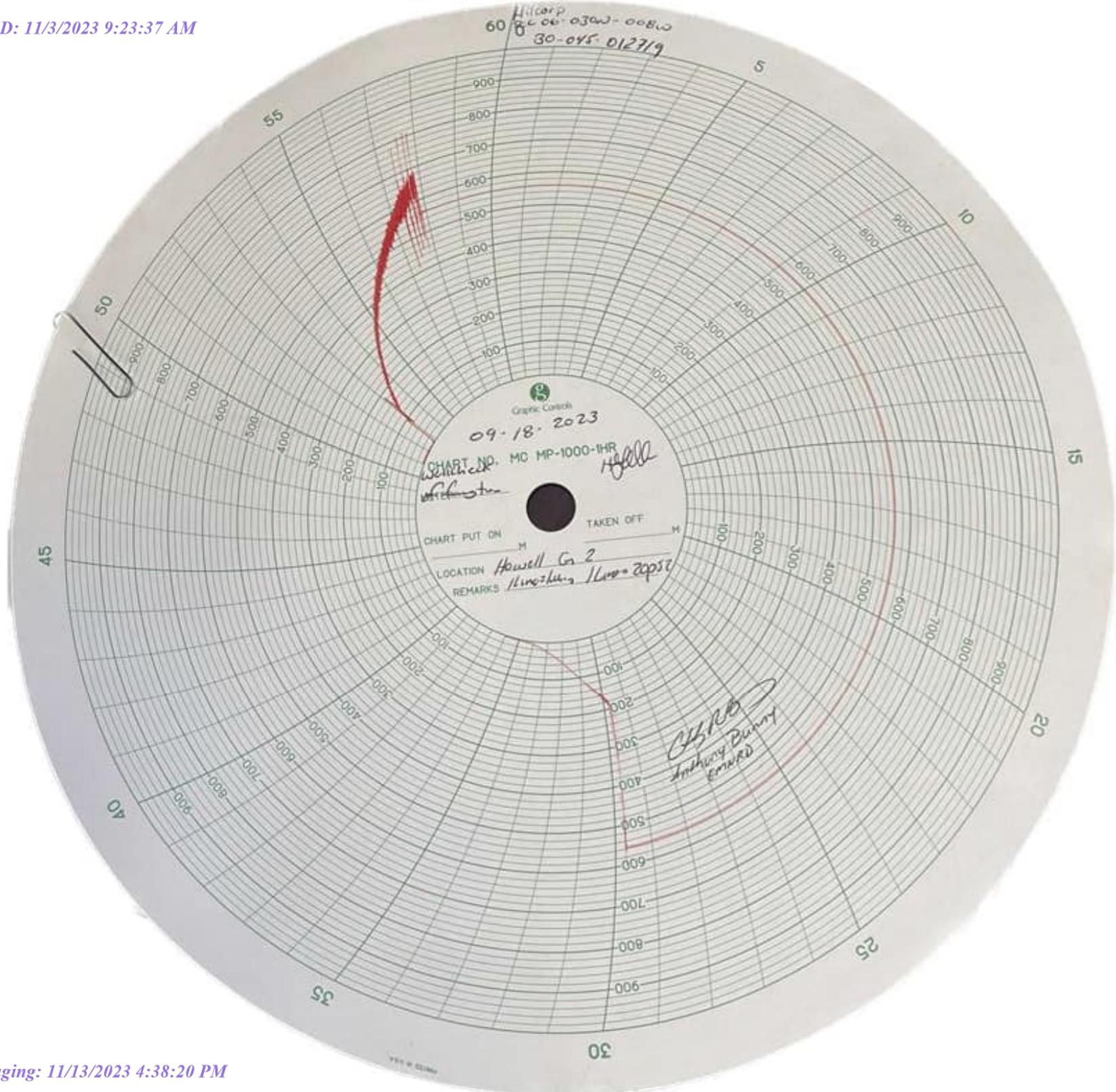
### Current Schematic - Version 3

Well Name: **HOWELL G #2**

|                                   |   |                                    |                                |                                |                         |
|-----------------------------------|---|------------------------------------|--------------------------------|--------------------------------|-------------------------|
| API / UWI<br>3004560190           | Surface Legal Location<br>006-030N-008W-M | Field Name<br>BLANCO MV (PRO #0078 | Route<br>0409                  | State/Province<br>NEW MEXICO   | Well Configuration Type |
| Ground Elevation (ft)<br>6,034.00 | Original KB/RT Elevation (ft)<br>6,047.00 | RKB to GL (ft)<br>13.00            | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |                         |

### Original Hole





Mandi Walker

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From: Rennick, Kenneth G <krennick@blm.gov>  
Sent: Monday, September 18, 2023 3:15 PM  
To: Kuehling, Monica, EMNRD; Scott Anderson  
Cc: Hayden Moser; Clay Padgett; Mandi Walker; JP Knox; Amanda Atencio; Russell Crouch; Shane Smith  
Subject: Re: [EXTERNAL] Hilcorp - Howell G 2: FRC recomplete

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

The BLM finds the proposed perforations and work.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Sent: Monday, September 18, 2023 10:27 AM  
To: Scott Anderson <sanderson@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>  
Cc: Hayden Moser <Hayden.Moser@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; JP Knox <jknox@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>; Russell Crouch <rcrouch@hilcorp.com>; Shane Smith <Shane.Smith@hilcorp.com>  
Subject: RE: [EXTERNAL] Hilcorp - Howell G 2: FRC recomplete

NMOCD approves recomplete in Fruitland Coal formation through perforations from 2632 to 2821 with prior approval from the BLM

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

---

From: Scott Anderson <sanderson@hilcorp.com>  
Sent: Monday, September 18, 2023 9:52 AM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
Cc: Hayden Moser <Hayden.Moser@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; JP Knox <jknox@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>; Russell Crouch <rcrouch@hilcorp.com>; Shane Smith <Shane.Smith@hilcorp.com>  
Subject: [EXTERNAL] Hilcorp - Howell G 2: FRC recomplete

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Monica, Kenny – Attached is the new CBL run on the Howell G 2 (API: 3004560190). The cement quality on the Howell is excellent and well isolates the coal interval both above and below. Based on the log we have narrowed our perf scheme and would now like to perforate 2632-2821' (vs. the NOI'd depth of 2455-2840'). This well passed its witnessed MIT this morning. With your blessing we would like to proceed with perforating and fracing the well. Thank you!

Scott Anderson  
San Juan North – Operations Engineer  
Hilcorp Energy Company  
W: 713-289-2772  
C: 248-761-3965

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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. Resvr.,  
 Other: Recomplete

5. Lease Serial No.  
**NMNM012719**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
**Hilcorp Energy Company**

8. Lease Name and Well No.  
**Howell G 2**

3. Address **382 Road 3100, Aztec, NM 87410**  
 3a. Phone No. (include area code) **(505) 599-3400**

9. API Well No.  
**30-045-60190**

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

10. Field and Pool or Exploratory  
**Fruitland Coal**

At surface  
**M (SWSW) 990' FSL & 990' FWL**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 6, T30N, R08W Lot 7**

At top prod. Interval reported below

12. County or Parish **San Juan**  
 13. State **New Mexico**

At total depth  
 14. Date Spudded **9/24/1957**  
 15. Date T.D. Reached **11/27/1957**  
 16. Date Completed **10/28/2023**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6022'**

18. Total Depth: **5268'**  
 19. Plug Back T.D.: **5260'**

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 Cement Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement top* | Amount Pulled |
|-----------|--------------|-------------|----------|-------------|--------------------|------------------------------|-------------------|-------------|---------------|
| 12.5"     | 10.75"       | 32.75       |          | 174'        |                    | 150 sx                       |                   |             |               |
| 9.875"    | 7.625", J-55 | 26.4        |          | 3104'       |                    | 250 sx                       |                   |             |               |
| 6.75"     | 5.5", J-55   | 15.5        | 3043'    | 5266'       |                    | 300 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) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375" | 5211'          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation         | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------------|-------|--------|---------------------|------|-----------|--------------|
| A) Fruitland Coal | 2632' | 2821'  | 3 SPF               | 0.35 | 69 Shots  | Open         |
| B)                |       |        |                     |      |           |              |
| C)                |       |        |                     |      |           |              |
| D)                |       |        |                     |      |           |              |

26. Perforation Record

| Depth Interval                | Amount and Type of Material   |
|-------------------------------|---|
| Upper Fruitland (2632'-2724') | FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 687 BBLs TOTAL ACID: 1000-GAL TOTAL SLICKWATER: 345 BBLs TOTAL L-FRAC: 318 BBLs TOTAL 100 MESH: 2750 BBLs TOTAL 20/40 SAND: 93,442 LBS TOTAL N2: 817,000 SCF  |
| Lower Fruitland (2754'-2821') | FRAC AT 50 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 685 BBLs TOTAL ACID: 1000-GAL TOTAL SLICKWATER: 366 BBLs TOTAL L-FRAC: 295 BBLs TOTAL 100 MESH: 5050 BBLs TOTAL 20/40 SAND: 75,803 LBS TOTAL N2: 808,000 SCF. |

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

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 10/28/2023          |                   |              | ➔               | 0       | 126     | 0         |                       |             | Flowing           |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
| 22/64"              | SI 0              | SI 150       | ➔               | 0       | 126     | 0         |                       |             | 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. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     | SI                |              | ➔               |         |         |           |                       |             |                   |

\*(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 (Sold, 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       | 1548' | 1726'  | White, cr-gr ss   | Ojo Alamo       | 1548'       |
| Kirtland        | 1726' | 2455'  | Gry sh interbedded w/tight, gry, fine-gr ss.                                    | Kirtland        | 1726'       |
| Fruitland       | 2455' | 2840'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.          | Fruitland       | 2455'       |
| Pictured Cliffs | 2840' | 3079'  | Bn-Gry, fine gm, tight ss.  | Pictured Cliffs | 2840'       |
| Lewis           | 3079' | 4361'  | Shale w/ siltstone stingers   | Lewis           | 3079'       |
| Cliffhouse      | 4361' | 4696'  | Light gry, med-fine gr ss, carb sh & coal                                       | Mesaverde       | 4361'       |
| Menefee         | 4696' | 5062'  | Med-dark gry, fine gr ss, carb sh & coal  | Menefee         | 4696'       |
| Point Lookout   | 5062' | 5252'  | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout   | 5062'       |
| Mancos          | 5252' | '      | Dark gry carb sh.   | Mancos          | 5252'       |
| Morrison        |       |        | Interbed grn, brn & red waxy sh & fine to coard grn ss                          | Morrison        | '           |

32. Additional remarks (include plugging procedure):

**Well now producing as a FC/MV commingle under DHC 5318**

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) Amanda Walker Title Operations/Regulatory Technician - Sr.  
 Signature  Date 10/31/2023

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.

Mandi Walker

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From: blm-afmss-notifications@blm.gov  
Sent: Friday, November 3, 2023 9:40 AM  
To: Mandi Walker  
Subject: [EXTERNAL] Well Name: HOWELL G, Well Number: 2, Notification of Well Completion Acceptance

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

The Bureau of Land Management

## Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **HOWELL G**
- Well Number: **2**
- US Well Number: **3004560190**
- Well Completion Report Id: **WCR2023110389996**

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

**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 282431

**ACKNOWLEDGMENTS**

|  |  |
|--|--|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                   |
|  | Action Number:<br>282431                           |
|  | 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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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 282431

**CONDITIONS**

|  |  |
|--|--|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                   |
|  | Action Number:<br>282431                           |
|  | Action Type:<br>[C-104] Completion Packet (C-104C) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| smcgrath   | None      | 11/13/2023     |