

| | | |
|---|--|---|
| Santa Fe Main Office Phone: (505) 476-3441 Fax: (505) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/ | State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION | C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting |
|---|--|---|

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

| | |
|--|--------------------------|
| Submittal Type: <input checked="" type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended | |
| Operator Name: Hilcorp Energy Company | OGRID: 372171 |
| Property Name and Well Number: HUERFANITO UNIT 87E | Property Code: 318576 |
| Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal | API Number: 30-045-34662 |
| Pool Name: BASIN FRUITLAND COAL (GAS) | Pool Code: 71629 |

Section 2 – Surface Location

| UL O | Section 1 | Township 26N | Range 9W | Lot | Ft. from N/S 930' FSL | Ft. from E/W 1450' FEL | Latitude 36.5122643 | Longitude -107.7370148 | County SAN JUAN |
|---------|--------------|-----------------|-------------|-----|--------------------------|---------------------------|------------------------|---------------------------|--------------------|
|---------|--------------|-----------------|-------------|-----|--------------------------|---------------------------|------------------------|---------------------------|--------------------|

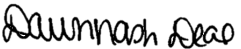
Section 3 – Completion Information

| | | | |
|-----------------------------|-------------------------|--------------------------------|---------------------------------|
| Producing Method FLOWING | Ready Date 5/10/2025 | Perforations MD 1820'-1952' | Perforations TVD 1820'-1952' |
|-----------------------------|-------------------------|--------------------------------|---------------------------------|

Section 4 – Action IDs for Submissions and Order Numbers

| List Action IDs for Drilling Sundries | Was an Order required / needed (Y/N), if yes list Order number: |
|---|---|
| C-104 RT Action ID (if C-104NW): 454511 | Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| Surface Casing Action ID: Previous to system | Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| Intermediate 1 Casing Action ID: Previous to system | Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| Intermediate 2 Casing Action ID: Previous to system | Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC 5486 |
| Production Casing Action ID: Previous to system | Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No. |
| Liner 1 Action ID: Previous to system | Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| Casing was installed prior to OCD's Action ID system (Y/N): Yes | Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |

Section 5 - Operator Signature and Certification

| | |
|--|------------------|
| <input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion. | |
| <input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion. | |
| <input checked="" type="checkbox"/> 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. | |
| Name: Dawn Nash-Deal  | |
| Title: Operations Regulatory Tech | Date: 05/28/2025 |

| | | |
|---|--|---|
| Santa Fe Main Office Phone: (505) 476-3441 Fax: (505) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/ | State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION | C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting |
|---|--|---|

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

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|--|--------------------------|
| Submittal Type: <input checked="" type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended | |
| Operator Name: Hilcorp Energy Company | OGRID: 372171 |
| Property Name and Well Number: HUERFANITO UNIT 87E | Property Code: 318576 |
| Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal | API Number: 30-045-34662 |
| Pool Name: BLANCO MESAVERDE | Pool Code: 72319 |

Section 2 – Surface Location

| UL O | Section 1 | Township 26N | Range 9W | Lot | Ft. from N/S 930' FSL | Ft. from E/W 1450' FEL | Latitude 36.5122643 | Longitude -107.7370148 | County SAN JUAN |
|---------|--------------|-----------------|-------------|-----|--------------------------|---------------------------|------------------------|---------------------------|--------------------|
|---------|--------------|-----------------|-------------|-----|--------------------------|---------------------------|------------------------|---------------------------|--------------------|

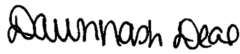
Section 3 – Completion Information

| | | | |
|-----------------------------|-------------------------|--------------------------------|---------------------------------|
| Producing Method FLOWING | Ready Date 5/10/2025 | Perforations MD 4273'-4563' | Perforations TVD 4273'-4563' |
|-----------------------------|-------------------------|--------------------------------|---------------------------------|

Section 4 – Action IDs for Submissions and Order Numbers

| List Action IDs for Drilling Sundries | Was an Order required / needed (Y/N), if yes list Order number: |
|---|---|
| C-104 RT Action ID (if C-104NW): 454512 | Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| Surface Casing Action ID: Previous to system | Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| Intermediate 1 Casing Action ID: Previous to system | Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| Intermediate 2 Casing Action ID: Previous to system | Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC 5486 |
| Production Casing Action ID: Previous to system | Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No. |
| Liner 1 Action ID: Previous to system | Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |
| Casing was installed prior to OCD's Action ID system (Y/N): Yes | Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No. |

Section 5 - Operator Signature and Certification

| | |
|--|-----------------|
| <input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion. | |
| <input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion. | |
| <input checked="" type="checkbox"/> 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. | |
| Name: Dawn Nash-Deal  | |
| Title: Operations Regulatory Tech | Date: 5/28/2025 |

Sent: 5/28/2025, 7:00:23 AM

From: blm-afmss-notifications@blm.gov<blm-afmss-notifications@blm.gov>

To: Dawn Nash-Deal

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: **HUERFANITO UNIT**
- Well Number: **87E**
- US Well Number: **3004534662**
- Well Completion Report Id: **WCR2025052895607**

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: _____

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)

(505) 599-3400

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

At surface

O (SW/SE) 930' FLS & 1450' FEL

At top prod. Interval reported below

At total depth

14. Date Spudded

6/21/2008

15. Date T.D. Reached

6/27/2008

16. Date Completed

5/10/2025

☐ D & A☒ Ready to Prod.

18. Total Depth:

6622'

19. Plug Back T.D.:

6595'

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 1/4" | 8 5/8", J-55 | 24 | | 351' | | 321 SKS | | | |
| 7 7/8" | 4 1/2", J-55 | 11.6 | | 6612' | | 1007 SKS | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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" | 6509' | | | | | | | |



25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------------------------|--------------|--------------|---------------------|--------------|-----------|--------------|
| A) BASIN FRUITLAND COAL | 1820' | 1833' | 2 SPF | 0.34" | 39 | OPEN |
| B) BASIN FRUITLAND COAL | 1904' | 1923' | 2 SPF | 0.34" | 32 | OPEN |
| C) BASIN FRUITLAND COAL | 1941' | 1952' | 1 SPF | 0.34" | 33 | OPEN |
| D) | | | | | | |



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

| Depth Interval | Amount and Type of Material |
|---|--|
| BASIN FRUITLAND COAL 1820'-1833' | FOAM FRAC'D WITH 3,340 LBS OF 100 MESH AND 33,429 LBS 20/40 ARIZONA AND 13,650 GAL SLICKWATER AND 0.33 MILLION SCF N2. 70 QUALITY. |
| BASIN FRUITLAND COAL 1904'-1923' | FOAM FRAC'D WITH 3,339 LBS OF 100 MESH AND 33,289 LBS 20/40 ARIZONA AND 14,574 GAL SLICKWATER AND 0.36 MILLION SCF N2. 70 QUALITY. |
| BASIN FRUITLAND COAL 1941'-1952' | FOAM FRAC'D WITH 3,335 LBS OF 100 MESH AND 33,200 LBS 20/40 ARIZONA AND 15,288 GAL SLICKWATER AND 0.36 MILLION SCF N2. 70 QUALITY. |

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 |
|---------------------|-------------------|--------------|---|---------|---------|-----------|-----------------------|-------------|-------------------|
| 5/10/2025 | 5/4/2025 | 4 |  | 0 | 2 MCF | 0 | | | Flowing |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| 64/64" | N/A | SI 30 |  | 0 | 12 MCF | 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 | 1115' | 1246' | White, cr-gr ss | Ojo Alamo | 1115' |
| Kirtland | 1246' | 1820' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 1246' |
| Fruitland | 1820' | 1962' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 1820' |
| Pictured Cliffs | 1962' | 2070' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 1962' |
| Lewis | 2070' | 2850' | Shale w/ siltstone stingers | Lewis | 2070' |
| Chacra | 2850' | 3526' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacra | 2850' |
| Cliffhouse | 3526' | 3606' | Light gry, med-fine gr ss, carb sh & coal | Mesaverde | 3526' |
| Menefee | 3606' | 4262' | Med-dark gry, fine gr ss, carb sh & coal | Menefee | 3606' |
| Point Lookout | 4262' | 4589' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 4262' |
| Mancos | 4589' | 5417' | Dark gry carb sh. | Mancos | 4589' |
| Gallup | 5417' | 6253' | Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 5417' |
| Greenhorn | 6253' | 6307' | Highly calc gry sh w/ thin lmst. | Greenhorn | 6253' |
| Graneros | 6307' | 6345' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 6307' |
| Dakota | 6345' | | Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota | 6345' |
| Morrison | | | Interbed grn, brn & red waxy sh & fine to coard grn ss | Morrison | |

32. Additional remarks (include plugging procedure):

This well was recompleted into the FRC/MV under DHC 5486. This well is now producing as a FRC/MV/DK trimming.
NMNM078394D

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) DAWN NASH-DEAL Title Operations/Regulatory Technician

Signature *Dawn Nash Deal* Date 5/27/2025

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.

Sent: 5/28/2025, 7:00:23 AM

From: blm-afmss-notifications@blm.gov<blm-afmss-notifications@blm.gov>

To: Dawn Nash-Deal

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: **HUERFANITO UNIT**
- Well Number: **87E**
- US Well Number: **3004534662**
- Well Completion Report Id: **WCR2025052895607**

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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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | | | | | | | | 5. Lease Serial No. NMSF078135 | |
| b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., | | | | | | | | | | 6. If Indian, Allottee or Tribe Name | |
| Other: _____ | | | | | | | | | | 7. Unit or CA Agreement Name and No. | |
| 2. Name of Operator Hilcorp Energy Company | | | | | | | | | | 8. Lease Name and Well No. HUERFANITO UNIT 87E | |
| 3. Address 382 Road 3100, Aztec, NM 87410 | | | | | 3a. Phone No. (include area code) (505) 599-3400 | | | | | 9. API Well No. 30-045-34662 | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface O (SW/SE) 930' FLS & 1450' FEL At top prod. Interval reported below At total depth | | | | | | | | | | 10. Field and Pool or Exploratory BLANCO MESAVERDE | |
| | | | | | | | | | | 11. Sec., T., R., M., on Block and Survey or Area 01., 26N, 09W | |
| | | | | | | | | | | 12. County or Parish San Juan | 13. State New Mexico |
| 14. Date Spudded 6/21/2008 | | | 15. Date T.D. Reached 6/27/2008 | | | 16. Date Completed 5/10/2025 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. | | | 17. Elevations (DF, RKB, RT, GL)* 6207' | | |
| 18. Total Depth: 6622' | | | | 19. Plug Back T.D.: 6595' | | | | 20. Depth Bridge Plug Set: MD TVD | | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL | | | | | | | | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) 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 Cement Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement top* | Amount Pulled | | |
| 12 1/4" | 8 5/8", J-55 | 24 | | 351' | | 321 SKS | | | | | |
| 7 7/8" | 4 1/2", J-55 | 11.6 | | 6612' | | 1007 SKS | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 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" | 6509' | | | | | | | | | | |
| 25. Producing Intervals | | | | | | | | | | | |
| Formation | | Top | Bottom | Perforated Interval | | Size | No. Holes | Perf. Status | | | |
| A) BLANCO MESAVERDE | | 4273' | 4563' | 1 SPF | | 0.34" | 23 | OPEN | | | |
| B) | | | | | | | | | | | |
| C) | | | | | | | | | | | |
| D) | | | | | | | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc. | | | | | | | | | | | |
| Depth Interval | | | Amount and Type of Material | | | | | | | | |
| BLANCO MESAVERDE | | | FOAM FRAC'D WITH 150,236 LBS 20/40 ARIZONA AND 51,534 GAL SLICKWATER AND 1.63 MILLION SCF N2. 70 QUALITY. | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 28. Production - Interval A | | | | | | | | | | | |
| Date First Produced 5/10/2025 | Test Date 5/4/2025 | Hours Tested 4 | Test Production  | Oil BBL 0 | Gas MCF 2 MCF | Water BBL 0 | Oil Gravity Corr. API | Gas Gravity | Production Method Flowing | | |
| Choke Size 64/64" | Tbg. Press. Flwg. N/A | Csg. Press. SI 30 | 24 Hr. Rate  | Oil BBL 0 | Gas MCF 12 MCF | Water BBL 0 | Gas/Oil Ratio | Well Status 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 (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 | 1115' | 1246' | White, cr-gr ss | Ojo Alamo | 1115' |
| Kirtland | 1246' | 1820' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 1246' |
| Fruitland | 1820' | 1962' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 1820' |
| Pictured Cliffs | 1962' | 2070' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 1962' |
| Lewis | 2070' | 2850' | Shale w/ siltstone stingers | Lewis | 2070' |
| Chacra | 2850' | 3526' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacra | 2850' |
| Cliffhouse | 3526' | 3606' | Light gry, med-fine gr ss, carb sh & coal | Mesaverde | 3526' |
| Menefee | 3606' | 4262' | Med-dark gry, fine gr ss, carb sh & coal | Menefee | 3606' |
| Point Lookout | 4262' | 4589' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 4262' |
| Mancos | 4589' | 5417' | Dark gry carb sh. | Mancos | 4589' |
| Gallup | 5417' | 6253' | Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 5417' |
| Greenhorn | 6253' | 6307' | Highly calc gry sh w/ thin lmst. | Greenhorn | 6253' |
| Graneros | 6307' | 6345' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 6307' |
| Dakota | 6345' | | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota | 6345' |
| Morrison | | | Interbed grn, brn & red waxy sh & fine to coard grn ss | Morrison | |

32. Additional remarks (include plugging procedure):

This well was recompleted into the FRC/MV under DHC 5486. This well is now producing as a FRC/MV/DK trimming.
NMNM078394C

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) DAWN NASH-DEAL Title Operations/Regulatory Technician

Signature *Dawn Nash Deal* Date 5/27/2025

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.

| | | |
|----------------------------|--|---------------------------------------|
| Well Name: HUERFANITO UNIT | Well Location: T26N / R9W / SEC 1 / SWSE / 36.5123 / -107.737144 | County or Parish/State: SAN JUAN / NM |
| Well Number: 87E | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078135 | Unit or CA Name: HUERFANITO UNIT--DK | Unit or CA Number: NMNM78394B |
| US Well Number: 3004534662 | Operator: HILCORP ENERGY COMPANY | |

Subsequent Report

Sundry ID: 2854645
Type of Submission: Subsequent Report
Date Sundry Submitted: 05/27/2025
Date Operation Actually Began: 05/10/2025
Type of Action: Workover Operations
Time Sundry Submitted: 09:08

Actual Procedure: The following well has been recompleted into the FRC/MV and is now producing as a FRC/MV/DK trimmingle under DHC 5486. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

HUERFANITO_UNIT_87E_SR_WRITE_UP_20250527090808.pdf

| | | |
|----------------------------|--|---------------------------------------|
| Well Name: HUERFANITO UNIT | Well Location: T26N / R9W / SEC 1 / SWSE / 36.5123 / -107.737144 | County or Parish/State: SAN JUAN / NM |
| Well Number: 87E | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078135 | Unit or CA Name: HUERFANITO UNIT--DK | Unit or CA Number: NMNM78394B |
| US Well Number: 3004534662 | 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: DAWN NASH-DEAL | Signed on: MAY 27, 2025 09:08 AM |
| Name: HILCORP ENERGY COMPANY | |
| Title: Operations Regulatory Tech | |
| Street Address: 1111 TRAVIS ST | |
| City: HOUSTON | State: TX |
| Phone: (505) 324-5132 | |
| Email address: DNASH@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: 05/28/2025 |
| Signature: Kenneth Rennick | |

| | | |
|--|--|---|
| Form 3160-5 (June 2019) | UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT | FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021 |
| SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i> | | 5. Lease Serial No. |
| | | 6. If Indian, Allottee or Tribe Name |
| | | 7. If Unit of CA/Agreement, Name and/or No. |

| | | |
|---|-------------|--|
| SUBMIT IN TRIPLICATE - Other instructions on page 2 | | 8. Well Name and No. |
| 1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 9. API Well No. |
| 2. Name of Operator | 3a. Address | 10. Field and Pool or Exploratory Area |
| 3b. Phone No. (include area code) | | 11. Country or Parish, State |
| 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) | | |

| | | | | |
|--|---|---|--|---|
| 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA | | | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

| | | |
|---|-------|--|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) | Title | |
| Signature | Date | |

| | | |
|---|--------|------|
| THE SPACE FOR FEDERAL OR STATE OFFICE USE | | |
| Approved by | Title | Date |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office | |

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWSE / 930 FSL / 1450 FEL / TWSP: 26N / RANGE: 9W / SECTION: 1 / LAT: 36.5123 / LONG: -107.737144 (TVD: 0 feet, MD: 0 feet)

BHL: SWSE / 930 FSL / 1450 FEL / TWSP: 26N / SECTION: / LAT: 36.5123 / LONG: 107.737144 (TVD: 0 feet, MD: 0 feet)



Well Operations Summary L48

Well Name: HUERFANITO UNIT #87E

API: 3004534662

Field: BASIN DAKOTA

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: BHE 38

Jobs

Actual Start Date: 4/17/2025

End Date:

| | | |
|--------------------|--------------------------------|------------------------------|
| Report Number 1 | Report Start Date 4/17/2025 | Report End Date 4/17/2025 |
|--------------------|--------------------------------|------------------------------|

Operation

RIG CREW TRAVEL TO THE SAN JUAN 28-7 UNIT #219E

PJSM LOAD EQUIP. ROAD RIG & MOVE EQUIP. FROM THE SAN JUAN 28-7 UNIT #219E TO THE HUERFANITO UNIT #87E (29 MILE MOVE).

SPOT EQUIP. & RIG, RIG UP PULLING UNIT & EQUIP. CK. PRESSURES. BDW.

SIBHP = 0 PSI.

SITP = 55 PSI.

SICP = 55 PSI.

BLEED DOWN WELL 8 MINUTES.

NDWH 5K RUSTY BOLTS HARD TO REMOVE, NUBOP RUFLR

EAT LUNCH, PJSM W/ PREMIER NDT SERVICES, SPOT IN RIG UP PREMIER NDT SERVICES, TOO H SCANNING CURRENT 2-3/8", 4.7, J-55, EUE TBG.

STRG. RIG DOWN PREMIER NDT SERVICES.

(115) YELLOW. (81) BLUE. (12) GREEN. (1) RED. BAD JTS. DUE TO CORROSION.

SECURE WELL, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW SDFTWE

RIG CREW TRAVEL TO YARD

| | | |
|--------------------|--------------------------------|------------------------------|
| Report Number 2 | Report Start Date 4/21/2025 | Report End Date 4/21/2025 |
|--------------------|--------------------------------|------------------------------|

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIP. CK.PRESSURES BDW.

SIBHP = 0 PSI.

SITP = 0 PSI.

SICP = 75 PSI.

BLEED DOWN WELL 8 MINUTES.

PJSM W/ M&R TRUCKING, CHANGE OUT TBG. TRAILERS, PU 3-7/8 BIT, STRG.MILL, BIT SUB, ONE JT. OF 2-3/8, 4.7, J-55, EUE, TBG. & 2-3/8 X 2' PUP JT. TALLY & TIH WITH 57 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TALLY & PU 89 JTS. OF 2-3/8, 4.7, J-55, EUE, REPLACEMENT TBG. TO 6347'.

LAY DOWN 2 JTS. OF 2-3/8 TBG. TOO H WITH 101 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. LD BIT SUB, 3-7/8 STRG.MILL & BIT.

EAT LUNCH, PU 4.5, 10K, SELECT CIBP & SETTING TOOL, TIH W/ 101 STDS. OF 2-3/8, 4.7, J-55, EUE TBG. PU 2 JTS. TO 6322', SET 4.5 CIBP @ 6322', LD 2 JTS. OF 2-3/8 TBG. TO 6298'.

RIG UP PUMP LINE ON TBG. LOAD WELL WITH 88 BBLs. OF FRESH WATER W/ BIO. CIRC WELL CLEAN WITH A TOTAL OF 92 BBLs.

TOOH WITH 101 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. LD SETTING TOOL, LOAD WELL WITH 11 BBLs. OF FRESH WATER W/BIO. PT. 4.5 CSG. TO 560 PSI GAINING PRESS. SLOWLY AFTER 5 MIN. REL.PRESS.

SECURE WELL, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW SDFTD

RIG CREW TRAVEL TO YARD

| | | |
|--------------------|--------------------------------|------------------------------|
| Report Number 3 | Report Start Date 4/22/2025 | Report End Date 4/22/2025 |
|--------------------|--------------------------------|------------------------------|

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIP. CK.PRESSURES.

SIBHP = 0 PSI.

SITP = 0 PSI.

SICP = 0 PSI.

NO BLEED DOWN

PJSM WITH TWG SPOT IN RUWL RIH RUN CBL FROM 6329' TO SURFACE

SPOT IN RU WELLCHECK, CONDUCT MIT TEST TO 565 PSI, IN 4.5 CSG. GOOD TEST. REL.PRESS. (WITNESSED BY NM OCD REPRESENTATIVE (JOHN DURHAM).

RIH RUN CNL FROM 4650' TO 1000' ROH, RIH WITH SELECT 4.5, 10K, CBP & SET CBP @4645' DUE TO COLLAR @4652', ROH RDWL.

SPOT IN RU WELLCHECK, INSTALL TBG.HGR. WITH 2-WAY CK. RUN IN LOCK DOWN PINS, RU WELLCHECK. PT. 4.5 CSG. TO 4000 PSI FOR 30 MINUTES, GOOD TEST REL.PRESS. PULL TBG.HGR.

PU 2-3/8 MSC TIH W/ 51 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TOO H LAYING DOWN 102 JTS. OF 2-3/8 TBG. & MSC. PU 2-3/8 MSC TIH WITH 50 STDS. OF 2-3/8 TBG.

SECURE WELL, PICK UP TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD.

| | | |
|--------------------|--------------------------------|------------------------------|
| Report Number 4 | Report Start Date 4/23/2025 | Report End Date 4/23/2025 |
|--------------------|--------------------------------|------------------------------|

Operation

RIG CREW TRAVEL TO LOCATION



Well Operations Summary L48

Well Name: HUERFANITO UNIT #87E

API: 3004534662

Field: BASIN DAKOTA

State: NEW MEXICO

Sundry #:

Rig/Service: BHE 38

Operation

SAFETY MEETING, START & WARM UP EQUIP. CK.PRESSURES.

SIBHP = 0 PSI.
SITP = 0 PSI.
SICP = 0 PSI.
NO BLEED DOWN

TOOH LAYING DOWN 100 JTS. OF 2-3/8, 4.7, J-55, EUE, TBG. & MSC.

RDFLR NDBOP, PJSM WITH BIG RED & WELLCHECK, INSTALL TBG.HGR. W/ 2-WAY CK. NU FRAC STK. & TORQUE.

RU WELLCHECK PT. FRAC STK. TO 5000 PSI FOR 10 MINUTES GOOD TEST RELEASE PRESSURE. REMOVE 2-WAY CK. RD WELLCHECK, SECURE WELL.

RIG DOWN PULLING UNIT & EQUIP. WILL MOVE TO THE HUERFANITO UNIT #90E

Report Number

Report Start Date

Report End Date

5

4/29/2025

4/29/2025

Operation

RIG UP BASIN WIRELINE. RIH AND **PERFORATE STAGE #1 MESAVERDE (4,273'-4,563') W/23 SHOTS, 0.34" DIA, 3-1/8" HSC GUN, 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 4273', 4278', 4283', 4286', 4290', 4304', 4309', 4313', 4320', 4328', 4331', 4361', 4378', 4384', 4396', 4408', 4415', 4440', 4447', 4477', 4538', 4546', 4563'. ALL SHOTS FIRED. POOH.**

RIG UP FRAC AND WIRELINE CREWS. PRIME, COOL DOWN, TEST, SAFETY MEETING. HAD PROBLEMS WITH FLOW METER ON BLENDER. THE E-TECH HAD TO REWIRE METER.

FRAC STAGE 1 MESAVERDE (4,273'-4,563'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. **FOAM FRAC'D WITH 150,236 LBS 20/40 ARIZONA AND 51,534 GAL SLICKWATER AND 1.63 MILLION SCF N2. 70 QUALITY.** AVG RATE = 60.1 BPM, AVG PSI = 2,144. ISIP WAS 987 PSI (5 MIN WAS 685 PSI). 100% OF DESIGNED SAND AMOUNT PUMPED.

RIH AND **SET BRIDGE PLUG AT 1,965' AND PERFORATE STAGE #2 FRUITLAND COAL (1,941'-1,952') W/33 SHOTS, 0.34" DIA, 3-1/8" HSC GUN, 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 1,941' - 1,952'. ALL SHOTS FIRED. POOH.**

FRAC STAGE 2 FRUITLAND COAL (1,941'-1,952'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. **FOAM FRAC'D WITH 3,335 LBS OF 100 MESH AND 33,200 LBS 20/40 ARIZONA AND 15,288 GAL SLICKWATER AND 0.36 MILLION SCF N2. 70 QUALITY.** AVG RATE = 50.2 BPM, AVG PSI = 1,445. ISIP WAS 747 PSI (5 MIN WAS 554 PSI). 100% OF DESIGNED SAND AMOUNT PUMPED. LOST TWO HIGH RATE PUMPS DURING PAD AND HAD TO SHUT DOWN.

RIG UP WIRELINE. RIH AND **SET BRIDGE PLUG AT 1,935' AND PERFORATE STAGE #3 FRUITLAND COAL (1,904'-1,923') W/32 SHOTS, 0.34" DIA, 3-1/8" HSC GUN, 2 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 1,904'-1,909', 1,912'-1,923'. ALL SHOTS FIRED. POOH.**

FRAC STAGE 3 FRUITLAND COAL (1,904'-1,923'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. **FOAM FRAC'D WITH 3,339 LBS OF 100 MESH AND 33,289 LBS 20/40 ARIZONA AND 14,574 GAL SLICKWATER AND 0.36 MILLION SCF N2. 70 QUALITY.** AVG RATE = 50.1 BPM, AVG PSI = 1,857. ISIP WAS 1,173 PSI (5 MIN WAS 881 PSI). 100% OF DESIGNED SAND AMOUNT PUMPED.

RIG UP WIRELINE. RIH AND **SET BRIDGE PLUG AT 1,890' AND PERFORATE STAGE #4 FRUITLAND COAL (1,820'-1,833') W/39 SHOTS, 0.34" DIA, 3-1/8" HSC GUN, 2 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 1,820'-1,833'. ALL SHOTS FIRED. POOH.**

FRAC STAGE 4 FRUITLAND COAL (1,820'-1,833'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. **FOAM FRAC'D WITH 3,340 LBS OF 100 MESH AND 33,429 LBS 20/40 ARIZONA AND 13,650 GAL SLICKWATER AND 0.33 MILLION SCF N2. 70 QUALITY.** AVG RATE = 50.2 BPM, AVG PSI = 1,851. ISIP WAS 1,260 PSI (5 MIN WAS 963 PSI, 10 MIN WAS 881 PSI, 15 MIN WAS 835 PSI). 100% OF DESIGNED SAND AMOUNT PUMPED.

RIH AND **SET CBP AT 1,652'.** BLEED OFF, PLUG HOLDING.

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 2,311 BBLS (INCLUDING 48 BBLS OF ACID). TOTAL SAND = 260,168 LBS. TOTAL N2 = 2.67 MILLION SCF.

Report Number

Report Start Date

Report End Date

6

4/30/2025

4/30/2025

Operation

RIG CREW TRAVEL TO THE HUERFANITO UNIT #90E

PJSM LOAD EQUIP. ROAD RIG & MOVE EQUIP. FROM THE HUERFANITO UNIT #90E TO THE HUERFANITO UNIT #87E (1 MILE MOVE).

SPOT EQUIP. & RIG, RIG UP PULLING UNIT & EQUIP. CK. PRESSURES.

SIBHP = 0 PSI.
SITP = 0 PSI.
SICP = 0 PSI.
NO BLEED DOWN

PJSM W/ BIG RED ND FRAC STK. NUBOP RUFLR. FUNCTION TEST BOP,

PU 3-7/8 JUNK MILL & BIT SUB, TALLY & PU 53 JTS. OF 2-3/8, 4.7, J-55, EUE, TBG. TAG CBP @1652'.

LD. TAG JT.

PU & RU PWR.SWVL. MAKE CONNECTION, ESTABLISH CIRC. WITH AIR/MIST, 1150 CFM WITH 10 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. **MILL OUT CBP @1652'** GO DOWN TO 1660', KO MIST KO AIR BLEED DOWN TBG. MAKE CONNECTIONS W/ PWR.SWVL. TAG UP @ 1890'.

ESTABLISH CIRC. WITH AIR/MIST, 1150 CFM WITH 10 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. **MILL OUT CBP @1890'** GO DOWN TO 1909' KO MIST KO AIR BLEED DOWN TBG. MAKE CONNECTION TAG UP @1914', ESTABLISH CIRC. WITH AIR/MIST, 1150 CFM WITH 10 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. CLEAN OUT SAND AND PLUG PARTS FROM 1914' TO 1935', **MILL OUT CBP @1935'** GO DOWN TO 1940' KO MIST KO AIR BLEED DOWN TBG.

LD 1 JT. OF 2-3/8 TBG. WITH PWR.SWVL. HANG SWVL. BACK TOOH WITH 3 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TO 1723'

SECURE WELL, PICK UP TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number

Report Start Date

Report End Date

7

5/1/2025

5/1/2025

WellViewAdmin@hilcorp.com



Well Operations Summary L48

Well Name: HUERFANITO UNIT #87E

API: 3004534662

Field: BASIN DAKOTA

State: NEW MEXICO

Sundry #:

Rig/Service: BHE 38

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIP. CK.PRESSURES. BDW

SIBHP = 0 PSI.

SITP = 0 PSI.

SICP = 75 PSI.

BLEED DOWN WELL 5 MINUTES.

TIH W/ 3 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. PU 1 JT. OF 2-3/8 TBG.

PU & RU PWR.SWVL. MAKE CONNECTION, ESTABLISH CIRC. WITH AIR/MIST, 1150 CFM WITH 10 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS F/ 1957 TO 1965' **MILL OUT CBP @1965'** GO DOWN TO 1971' KO MIST KO AIR BLEED DOWN TBG.

HANG PWR.SWVL. BACK, LD 1 JT. OF 2-3/8 TBG. TOO H WITH 31 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. LD 3-7/8 JUNK MILL. EAT LUNCH, PU NEW/USED 3-7/8 JUNK MILL TIH W/ 31 STDS. OF 2-3/8 TBG. PU 1 JT. OF 2-3/8 TBG. TALLY & PU 83 JTS. OF 2-3/8 TBG. TAG UP @4544' LD TAG JT.

PU PWR.SWVL. MAKE CONNECTION, ESTABLISH CIRC. WITH AIR/MIST, 1150 CFM WITH 10 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS F/ 4544' TO 4645' **MILL OUT CBP @4645'** GO DOWN TO 4656' KO MIST KO AIR BLEED DOWN TBG.

HANG PWR.SWVL. BACK TOO H WITH 9 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TO 4094'

SECURE WELL, PICK UP TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number

8

Report Start Date

5/2/2025

Report End Date

5/2/2025

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIP. CK.PRESSURES. BDW

SIBHP = 0 PSI.

SITP = 0 PSI.

SICP = 75 PSI.

BLEED DOWN WELL 5 MINUTES.

TIH W/ 9 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TALLY & PU 54 JTS. OF 2-3/8, 4.7, J-55, EUE, TBG. TAG UP @6312', LD TAG JT.

PU PWR.SWVL. MAKE CONNECTION, ESTABLISH CIRC. WITH AIR/MIST, 1150 CFM WITH 10 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS FROM 6312' TO 6322' **MILL OUT CIBP @6322'** GO DOWN TO 6336' KO MIST KO AIR BLEED DOWN TBG. MAKE CONNECTIONS WITH PWR.SWVL. TAG UP @6562'. ESTABLISH CIRC. WITH AIR/MIST, 1150 CFM WITH 10 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS FROM 6562' TO 6572' PBDT CIRC. WELL CLEAN, KO MIST KO AIR BLEED DOWN TBG.

RIG DOWN & RACK BACK PWR.SWVL. LAY DOWN 8 JTS. OF 2-3/8, 4.7, J-55, EUE, TBG. TOO H W/ 102 STDS. OF 2-3/8 TBG. LAY DOWN 3-7/8 JUNK MILL & BIT SUB.

PU 2-3/8 BULL PLUG, 2-3/8 X 10' PUP JT. 2-3/8 X 31.10 SLOTTED MUD ANCHOR, 2-3/8 X 1.10 SN TIH W/ 2-3/8 PROD. TBG. STRG. PUT ON TBG. HGR. LAND TBG. WITH 12' KB @6452.71.

SN @6408.61. TBG. STRG. CONFIGURATION AS FOLLOWS.

(1) 2-3/8 BULL PLUG. W/ SLIM HOLE COUPLING.

(1) 2-3/8 X 10' PUP JT. W/SLIM HOLE COUPLING.

(1) 2-3/8 X 31.10 SLOTTED MUD ANCHOR.

(1) 2-3/8 X 1.78 ID SN.

(1) JT. OF 2-3/8, 4.7, J-55, EUE, TBG.

(1) 2-3/8 X 2.05' PUP JT.

(203) JTS. OF 2-3/8, 4.7, J-55, EUE, TBG.

(1) 2-3/8 X 4' PUP JT.

(1) JT. OF 2-3/8 TBG.

(1) 7" X .75 TBG.HGR.

LAND TBG. WITH 12' KB @6452.71', SN @6408.61

RDFLR NDBOP, NU 5K B1 ADAPTOR WITH RATIGAN & FLOW TEE. CHANGE OUT HANDLING EQUIPMENT TO RUN RODS

SECURE WELL, PICK UP TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number

9

Report Start Date

5/3/2025

Report End Date

5/3/2025

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIP. CK.PRESSURES. BDW

SIBHP = 0 PSI.

SITP = 0 PSI.

SICP = 50 PSI.

BLEED DOWN WELL 5 MINUTES.



Well Operations Summary L48

Well Name: HUERFANITO UNIT #87E

| | | |
|-----------------|---------------------|---------------------|
| API: 3004534662 | Field: BASIN DAKOTA | State: NEW MEXICO |
| | Sundry #: | Rig/Service: BHE 38 |

Operation

PU ROD INSERT PUMP & PRIME PUMP, PU 3/4" ROD STRG. SEAT & SPACE OUT PUMP, LOAD TBG W/ FRESH WATER PT TBG TO 500 PSI BLEED DOWN PRESS. TO 250 PSI, STROKE PUMP W/ RIG TO 500 PSI, REL.PRESS. LAND RODS ON STUFFING BOX, NO PUMP JACK ON LOCATION. TOTAL ROD CONFIGURATION AS FOLLOWS.

(1) 1" X 8' GAS ANCHOR.
(1) 2" X 1-1/4" X 12' X 16' RHAC-Z HVR PUMP # HIL 1164.
(1) 1" X 1' PONY ROD LIFT SUB.
(1) 3/4" X 8' GUIDED PONY ROD.
(1) 3/4" X 1' 18K SHEAR TOOL.
(8) 1-1/4" X 25' SINKER BARS.
(246) 3/4" X 25' SUCKER RODS.
(1) 3/4 X 8' PONY ROD
(1) 1-1/4" X 22' POLISH ROD.

SECURE WELL, RIG DOWN PULLING UNIT & EQUIP.
WILL MOVE MONDAY 5/5/25 TO THE LINDRITH B UNIT #41, SDFTD.

RIG CREW TRAVEL TO YARD

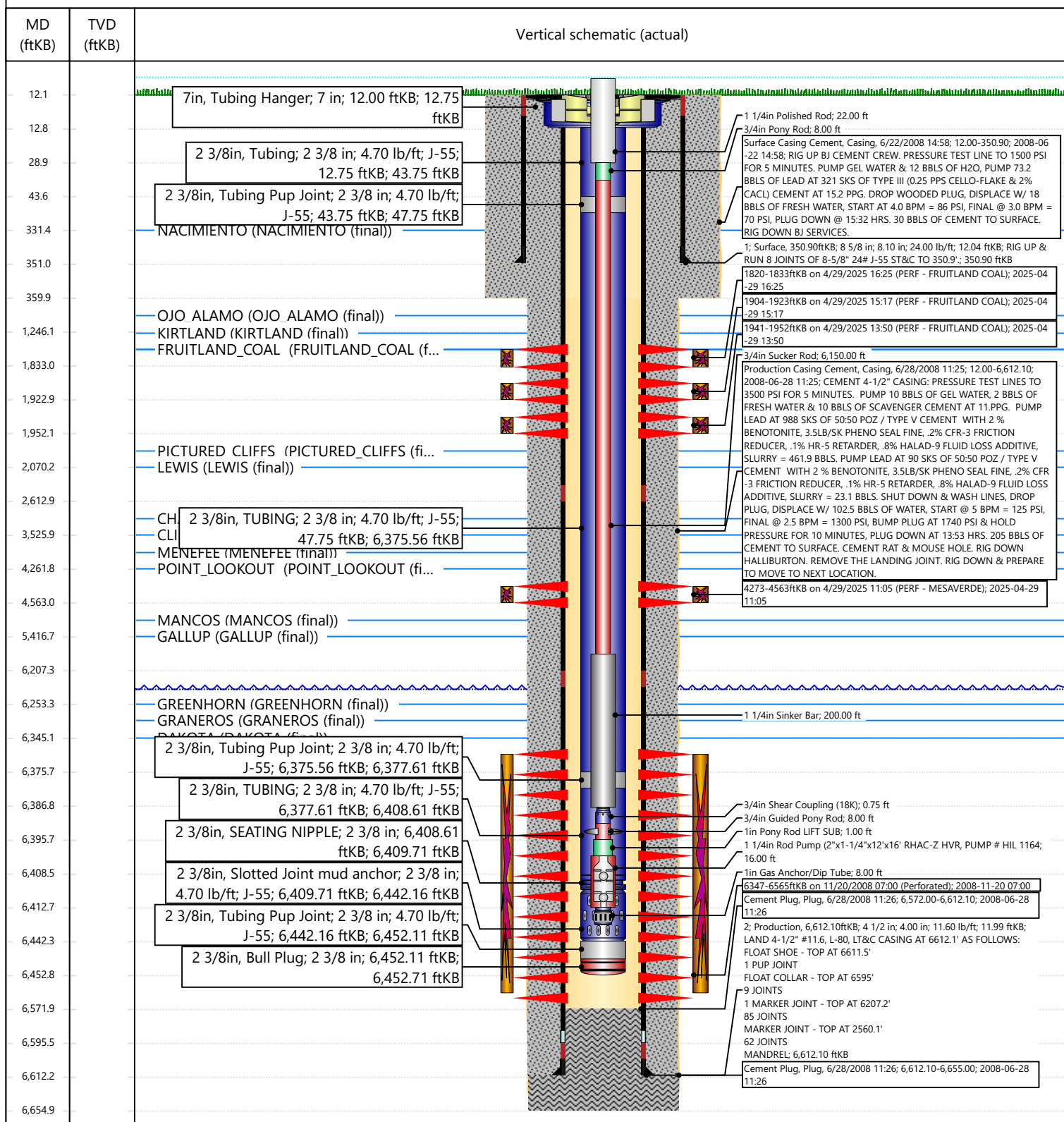


Current Schematic - Version 3

Well Name: HUERFANITO UNIT #87E

| | | | | | |
|-----------------------------------|---|-------------------------------------|------------------------------------|--------------------------------|---------------------------------------|
| API / UWI 3004534662 | Surface Legal Location 001-026N-009W-O | Field Name BASIN DAKOTA | Route 0904 | State/Province NEW MEXICO | Well Configuration Type VERTICAL |
| Ground Elevation (ft) 6,208.00 | Original KB/RT Elevation (ft) 6,220.00 | Tubing Hanger Elevation (ft) | RKB to GL (ft) 12.00 | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |
| Tubing Strings | | | | | |
| Run Date 5/2/2025 16:00 | Set Depth (ftKB) 6,452.71 | String Max Nominal OD (in) 2 3/8 | String Min Nominal ID (in) 2.00 | Weight/Length (lb/ft) 4.70 | Original Spud Date 6/22/2008 03:30 |

Original Hole, HUERFANITO UNIT #87E [VERTICAL]

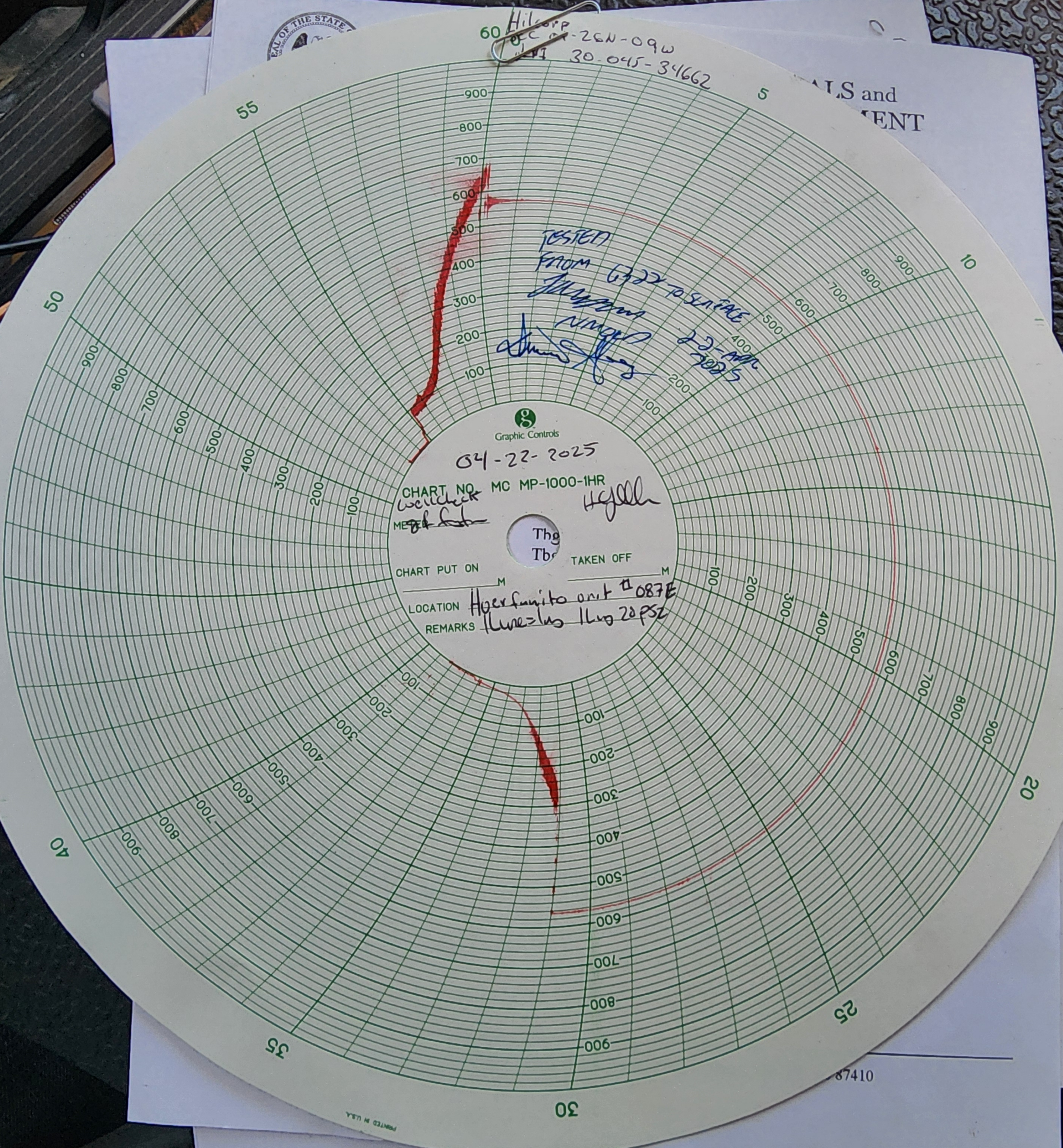


SKÝRA
ICELANDIC
SPRING WATER



60 Hilcorp
0000-26N-09W
30-045-34662

ALS and
MENT



87410

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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 468039

ACKNOWLEDGMENTS

| | |
|--|--|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 468039 |
| | Action Type: [C-104] Completion Packet - New Well (C-104NW) |

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. |
| <input checked="" type="checkbox"/> | 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. |

Sante Fe Main Office
Phone: (505) 476-3441

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

CONDITIONS

Action 468039

CONDITIONS

| | |
|--|--|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 468039 |
| | Action Type: [C-104] Completion Packet - New Well (C-104NW) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| plmartinez | Future submittal of C-104 -Section 1 -Submittal type should be marked "Recomplete". Section 4 -Unit mark as "Yes". | 5/30/2025 |