

| Santa 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 | Form C-103 August 1, 2011 Permit 390784 WELL API NUMBER 30-045-38421 5. Indicate Type of Lease Private 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name STOREY B LS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|------------------------------|--|--------------------------------|----------|-----------------------------|--------------------|-------------------------|----------------|------------------------------|---------------|---------------------|-----------|-----------|-----------|-----------|----------|------|------------|-------|-------|----|------|---|-----|-----|------|-----|--|-----|----|---|----------|------|------------|------|---|----|------|---|------|-----|------|-----|--|------|----|---|----------|------|-----|-------|-----|------|-------|------|------|-----|------|-----|--|-----|---|---|
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Type of Well: Gas | | 8. Well Number 004M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Name of Operator HILCORP ENERGY COMPANY | | 9. OGRID Number 372171 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Address of Operator 1111 Travis Street, Houston, TX 77002 | | 10. Pool name or Wildcat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Well Location Unit Letter <u>E</u> : <u>1499</u> feet from the <u>N</u> line and feet <u>952</u> from the <u>W</u> line Section <u>11</u> Township <u>30N</u> Range <u>11W</u> NMPM _____ County <u>San Juan</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.) 5876 GR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2"> NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ </td> <td> SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/> </td> </tr> </table> | | | NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ | | SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. See Attached 4/27/2025 Spudded well. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Casing and Cement Program <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>04/28/25</td> <td>Surf</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J-55</td> <td>0</td> <td>294</td> <td>204</td> <td>1.38</td> <td>III</td> <td></td> <td>597</td> <td>36</td> <td>N</td> </tr> <tr> <td>05/02/25</td> <td>Int1</td> <td>FreshWater</td> <td>8.75</td> <td>7</td> <td>23</td> <td>J-55</td> <td>0</td> <td>4380</td> <td>457</td> <td>2.25</td> <td>III</td> <td></td> <td>1515</td> <td>15</td> <td>N</td> </tr> <tr> <td>05/06/25</td> <td>Prod</td> <td>Mud</td> <td>6.125</td> <td>4.5</td> <td>11.6</td> <td>P-110</td> <td>6342</td> <td>7122</td> <td>181</td> <td>2.32</td> <td>III</td> <td></td> <td>550</td> <td>5</td> <td>N</td> </tr> </tbody> </table> | | | Date | String | Fluid Type | Hole Size | Csg Size | Weight lb/ft | Grade | Est TOC | Dpth Set | Sacks | Yield | Class | 1" Dpth | Pres Held | Pres Drop | Open Hole | 04/28/25 | Surf | FreshWater | 12.25 | 9.625 | 40 | J-55 | 0 | 294 | 204 | 1.38 | III | | 597 | 36 | N | 05/02/25 | Int1 | FreshWater | 8.75 | 7 | 23 | J-55 | 0 | 4380 | 457 | 2.25 | III | | 1515 | 15 | N | 05/06/25 | Prod | Mud | 6.125 | 4.5 | 11.6 | P-110 | 6342 | 7122 | 181 | 2.32 | III | | 550 | 5 | N |
| Date | String | Fluid Type | Hole Size | Csg Size | Weight lb/ft | Grade | Est TOC | Dpth Set | Sacks | Yield | Class | 1" Dpth | Pres Held | Pres Drop | Open Hole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04/28/25 | Surf | FreshWater | 12.25 | 9.625 | 40 | J-55 | 0 | 294 | 204 | 1.38 | III | | 597 | 36 | N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

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| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | | WELL API NO. 30-045-38421 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | | 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator Hilcorp Energy Company | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator 382 Road 3100, Aztec, NM 87410 | | 7. Lease Name or Unit Agreement Name Storey B LS |
| 4. Well Location Unit Letter <u>E</u> : <u>1499</u> feet from the <u>North</u> line and <u>952</u> feet from the <u>West</u> line Section <u>11</u> Township <u>030N</u> Range <u>011W</u> NMPM County <u>SAN JUAN</u> | | 8. Well Number <u>4M</u> |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5876' GL | | 9. OGRID Number 372171 |
| | | 10. Pool name or Wildcat Blanco Mesaverde / Basin Dakota |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
|--|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> |
| DOWNHOLE COMMINGLE <input type="checkbox"/> | P AND A <input type="checkbox"/> |
| CLOSED-LOOP SYSTEM <input type="checkbox"/> | CASING/CEMENT JOB <input checked="" type="checkbox"/> |
| OTHER: <input type="checkbox"/> SIDETRACK | OTHER: <input type="checkbox"/> |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

4/27/2025 – Drill 12-1/4" surface hole to 304' TD.

4/28/2025 - MIRU csg crew. Run 7 jts 9-5/8" 40#, J-55 surface csg 294'. RD csg crew. MIRU cmt crew. Mix & pump surface cmt: 20 bbl FW spacer, 204 sx (50 bbl) Type III cmt, 1.38 yld, 14.60 PPG. Drop plug, displace w/ 18.9 bbl FW. Bump plug w/1005 psi @ 10:32 hrs on 4/28/2025. 37 bbl cmt to surface. RD cmt crew. WOC. PT 9-5/8" surf csg @ 600 psi x 30 min. Good test.

4/30/2025 – Text Monica Kuehling, NMOCD @ 14:30 on 4/30/25 for surf cmt notice. Monica called @ 14:30 w/instruction to video cmt returns if NMOCD witness not on location. Start drilling 8-3/4" intermediate hole.

5/1/2025 – Drill 8-3/4" intermediate hole to 4391' TD.

5/2/2025 – MIRU csg crew. Run 104 jts 7" 23# J-55 LTC intermediate csg landed @ 4380'. MIRU cmt crew. Planned 2 stage cmt. PT lines 4000 psi. Stage 1 cmt: Mix & pump 10 bbl FW, 30 bbl D-stop loss mud spacer @ 10 ppg. Pump Lead cmt: 184 sx (73.7 bbl) Type III POZ cmt @ 12.5 ppg, 2.25 yld, 12.56 gps. Pump Tail cmt: 70 sx (22 bbl) Type III POZ cmt @ 13.5 ppg, 1.79 cf/sx yld, 9.24 gps. Stage 2 cmt: Mix & pump 20 bbl gel spacer and 10 bbl FW. Pump cmt: 203 sx (78 bbls) Type III POZ mixed @ 12.5 ppg, cont..

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherylene Weston TITLE Operations/Regulatory Tech-Sr. DATE 5/21/2025

Type or print name Cherylene Weston E-mail address: cweston@hilcorp.com PHONE: 713-289-2615

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any)

Continued....

2.15 yld, 12.06 gps. Displace w/ 79.5 bbl FW. Bump plug on schedule. **Plug down @ 02:30 hrs on 5/2/2025. 20 bbl cmt to surface.** No agency witness; photos sent to John Durham, NMOCD. RD cmt crew. WOC.

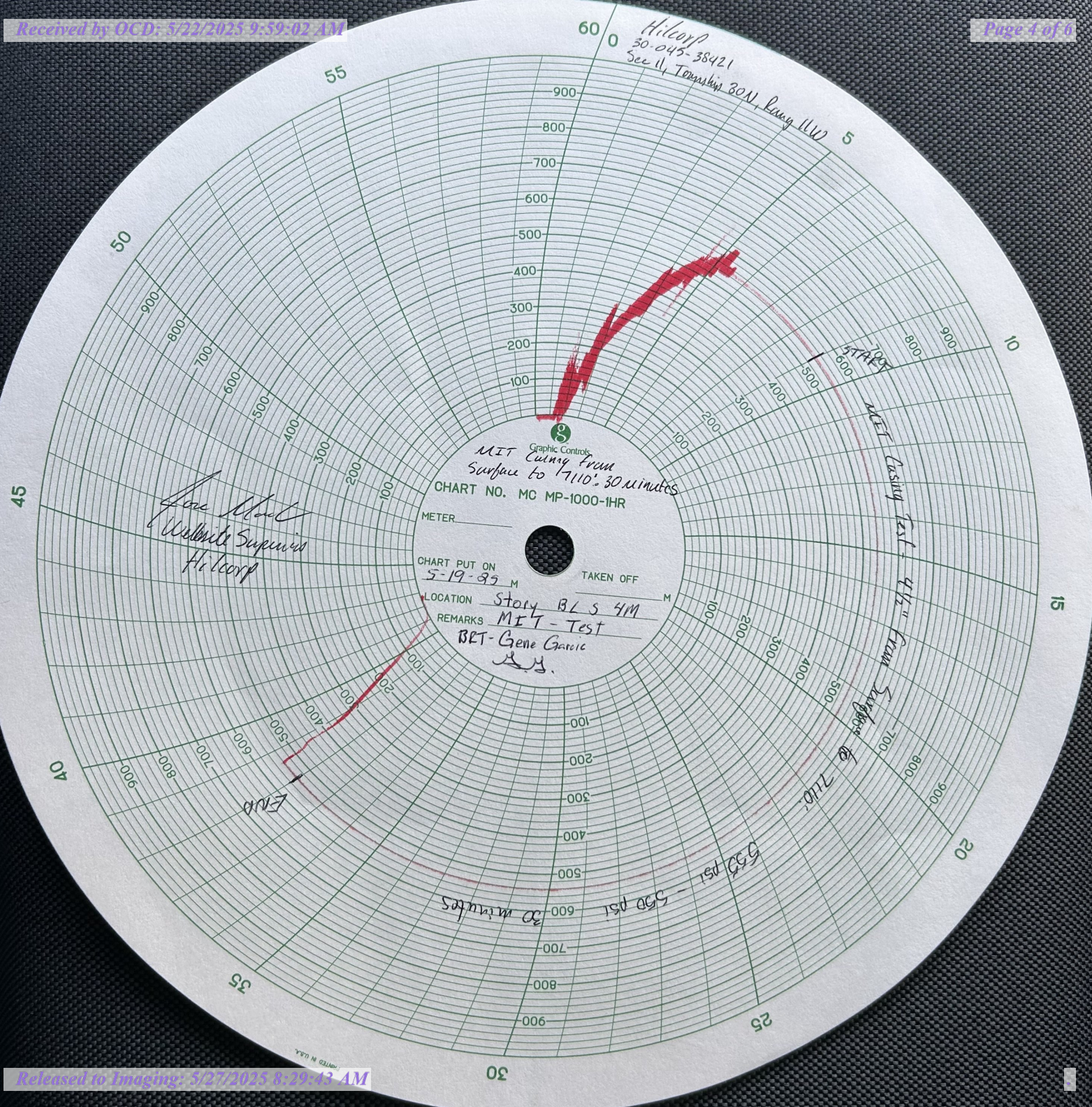
5/3/2025 – WOC. **PT 7” int csg 1500 psi X 30 min;** Good test. Drill 6-1/8” production hole to 5413’.

5/5/2025 – Drill **6-1/8” production hole to 7132’ TD.**

5/6/2025 – MIRU csg crew. Run **190 jts, 4.5”, 11.6# P-110 LTC production csg to 7122’.** MIRU Drake cmt crew. Mix & pump production cmt. PT lines 4000 psi. Pump annular volume 140 bbls N2 mud 30Q. Pump 10 bbl mud @ 10 ppb, 5 bbl FW. **Pump 181 sx (74.6 bbl) Type III POZ cmt @ 12.5 ppg, 2.32 yld, 12.97 GPS.** Drop plug, displace w/ 67 bbl FW. Est TOC @ 5298’ annulus, 4291’ csg. RU pump w/ FW, attempt to bring pump online. Pump psi up and shut down mult times. Mt head. Pull 180K on csg; unable to get csg free. Land mandrel. Est TOC 74.6 bbl @ 5298’. LD landing jt. Set pack off est to 4500 pxi x 5 min; good test. ND BOP, LD BOP. SISW @ 22:30 hrs . RD floor, top drive & track. **Rig released @ 05:00 hrs on 5/6/2025.**

5/14/2025 – Mill out cement to float collar at 7111’ PBTD. Circ clean.

5/15/2025- PT prod csg 600 psi; good test. MIRU WL Group. RIH, run **RBL to 7111’ (PBTD).** Load hole, psi to 1500 psi, POOH, logging from 7111’ to 3400’. **TOC @ 6342’.** ***Mesaverde will require cement remediation prior to completion. See attached email.*



Cheryl Weston

From: Tyler Portwood
Sent: Wednesday, May 21, 2025 11:42 AM
To: Rikala, Ward, EMNRD; Kuehling, Monica, EMNRD
Cc: Cheryl Weston; Farmington Regulatory Techs; Lisa Helper; Jacob Sanchez; Jackson Lancaster; Cameron Skelton; Glory Kamat; Sikandar Khan; Jose Morales
Subject: Storey B LS 4M - API 3004538421 - Remediation Update
Attachments: hilcorp_storey_b_ls_4m_rbl.pdf; hilcorp_storey_b_ls_4m_rbl.tif

Follow Up Flag: Follow up
Flag Status: Flagged

Ward,

Thank you for taking my call. Attached is the RBL dated 5/15/2025 that was run on the Storey B LS 4M (API 3004538421) drill well. This well passed its state-witnessed MIT. Our plan is to complete this well in both the Dakota and Mesaverde formations. As you can see in the RBL, we only have sufficient cement coverage at this time to complete in the Dakota. The Mesaverde will require remediation prior to completing.

As we discussed, our plan forward is to perforate/frac the Dakota interval and isolate with a bridge plug before we begin the remediation work for the MV. Once there is adequate cement coverage to complete in the Mesaverde, we will request permission to perforate and proceed accordingly at that time.

I will send the Dakota perforation request in a separate email later this week. Please let us know if you approve of this plan and if there are any additional forms/documents that we need to submit.

Thanks,

Tyler Portwood
SJN Operations Engineer
Hilcorp Energy Company
C: 817.343.3719

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

COMMENTS

Action 390784

COMMENTS

| | |
|--|--|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 390784 |
| | Action Type: [C-103] EP Drilling / Cement |

Comments

| Created By | Comment | Comment Date |
|------------------|--|--------------|
| keith.dziokonski | Please submit RCBL for review. Thank you | 5/27/2025 |