

|                            |                                                                      |                                       |
|----------------------------|----------------------------------------------------------------------|---------------------------------------|
| Well Name: HELMS FEDERAL   | Well Location: T30N / R10W / SEC 22 / SWSW / 36.793592 / -107.877023 | County or Parish/State: SAN JUAN / NM |
| Well Number: 1B            | Type of Well: CONVENTIONAL GAS WELL                                  | Allottee or Tribe Name:               |
| Lease Number: NMNM0555078  | Unit or CA Name:                                                     | Unit or CA Number:                    |
| US Well Number: 3004529998 | Well Status: Producing Gas Well                                      | Operator: HILCORP ENERGY COMPANY      |

Subsequent Report

Sundry ID: 2644438

|                                           |                              |
|-------------------------------------------|------------------------------|
| Type of Submission: Subsequent Report     | Type of Action: Recompletion |
| Date Sundry Submitted: 11/16/2021         | Time Sundry Submitted: 08:32 |
| Date Operation Actually Began: 11/08/2021 |                              |

**Actual Procedure:** Attached please find the subsequent report for the Recompletion. This well is now producing as a Standalone Farmington Sand as the Mesaverde has been TA'd.

SR Attachments

Actual Procedure

- Schematic\_\_\_Current\_20211116083211.pdf
- Helms\_Federal\_MIT\_20211116083207.pdf
- 30045299980000\_Helms\_Federal\_1B\_SR\_20211116083207.pdf

|                                   |                                                                             |                                              |
|-----------------------------------|-----------------------------------------------------------------------------|----------------------------------------------|
| <b>Well Name:</b> HELMS FEDERAL   | <b>Well Location:</b> T30N / R10W / SEC 22 / SWSW / 36.793592 / -107.877023 | <b>County or Parish/State:</b> SAN JUAN / NM |
| <b>Well Number:</b> 1B            | <b>Type of Well:</b> CONVENTIONAL GAS WELL                                  | <b>Allottee or Tribe Name:</b>               |
| <b>Lease Number:</b> NMNM0555078  | <b>Unit or CA Name:</b>                                                     | <b>Unit or CA Number:</b>                    |
| <b>US Well Number:</b> 3004529998 | <b>Well Status:</b> Producing Gas Well                                      | <b>Operator:</b> HILCORP ENERGY COMPANY      |

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

|                                                     |                                         |
|-----------------------------------------------------|-----------------------------------------|
| <b>Operator Electronic Signature:</b> AMANDA WALKER | <b>Signed on:</b> NOV 16, 2021 08:32 AM |
| <b>Name:</b> HILCORP ENERGY COMPANY                 |                                         |
| <b>Title:</b> Operations/Regulatory Technician      |                                         |
| <b>Street Address:</b> 1111 TRAVIS ST.              |                                         |
| <b>City:</b> HOUSTON                                | <b>State:</b> TX                        |
| <b>Phone:</b> (346) 237-2177                        |                                         |
| <b>Email address:</b> mwalker@hilcorp.com           |                                         |

Field Representative

|                             |               |             |
|-----------------------------|---------------|-------------|
| <b>Representative Name:</b> |               |             |
| <b>Street Address:</b>      |               |             |
| <b>City:</b>                | <b>State:</b> | <b>Zip:</b> |
| <b>Phone:</b>               |               |             |
| <b>Email address:</b>       |               |             |

BLM Point of Contact

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| <b>BLM POC Name:</b> KENNETH G RENNICK | <b>BLM POC Title:</b> Petroleum Engineer       |
| <b>BLM POC Phone:</b> 5055647742       | <b>BLM POC Email Address:</b> krennick@blm.gov |
| <b>Disposition:</b> Accepted           | <b>Disposition Date:</b> 11/22/2021            |
| <b>Signature:</b> Kenneth Rennick      |                                                |

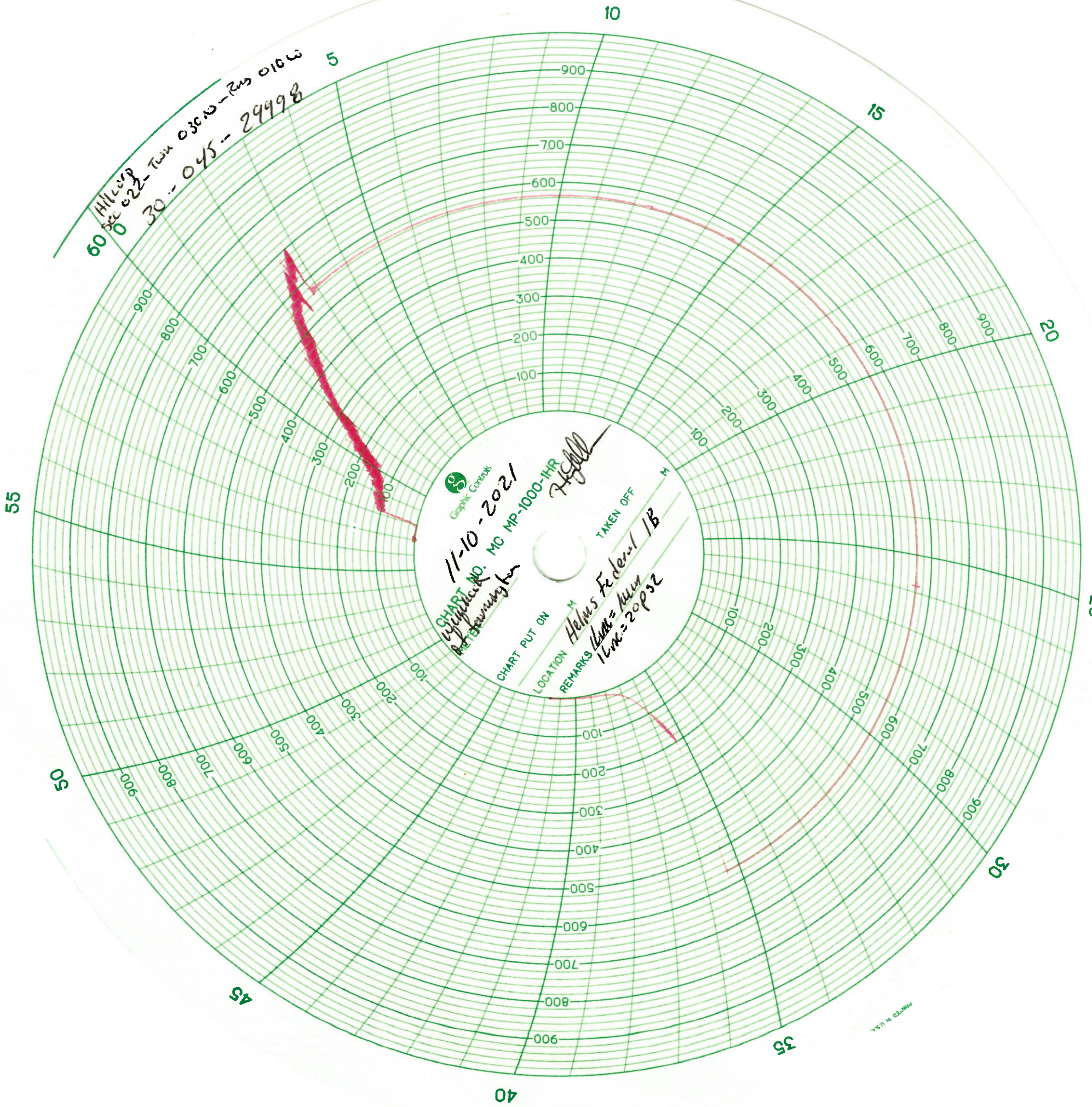
Helms Federal 1B  
3004529998  
SR Recomplete  
NMNM0555078

11/8/2021: MIRU. CK WELL PRESSURES (SITP: 80 PSI, SICP: 98 PSI, SIICP: 540 PSI, SIBHP: 0). ND WH. NU BOP. PULL & LD TBG HANGER. SDFN

11/9/2021: CK WELL PRESSURES (SITP: 80 PSI, SICP: 98 PSI, SIICP: 540 PSI, SIBHP: 0). RU TUBOSCOPE & TOO H WHILE SCANNING 2 3/8" TBG. RD TUBOSCOPE. PU CIBP, TIH & SET @ 4566'. TOO H W/61 STANDS TBG. SDFN.

11/10/2021: CK WELL PRESSURES (SITP: 0 PSI, SICP: 500 PSI, SIICP: 540 PSI, SIBHP: 0). RU WELLCHECK & RUN MIT F/4566' T/SURF, 560 PSI FOR 30 MINS. GOOD TST, WITNESSED BY THOMAS VERMERSCH @ NMOC. RU WL & PERF 4 1/2" CSG 0.55 DIA, 4 SPF FROM 1713' TO 1906' IN THE FOLLOWING RUNS: RUN #1- PERFORATE 1713' TO 1744' VERIFY ALL SHOTS FIRED 124 TOTAL. RUN #2- PERFORATE 1782' TO 1789', VERIFY ALL SHOTS FIRED 28 TOTAL. RUN #3- PERFORATE 1863' TO 1872' VERIFY ALL SHOTS FIRED 36 TOTAL. RUN #4 – PERFORATE 1872' TO 1881' VERIFY ALL SHOTS FIRED 36 TOTAL. RUN #5- PERFORATE 1891' TO 1906' VERIFY ALL SHOTS FIRED 60 TOTAL.

11/11/2021: CK WELL PRESSURES (SITP: 120 PSI, SICP: 0 PSI, SIICP: 250 PSI, SIBHP: 0). TOO H LD EXCESS TBG. PU BHA & TIH HYDRO-TESTING TBG TO 5500 PSI. TST GOOD. UNLOAD WATER F/WELL W/AIR. TIH W/60 JTS 2 3/8" 4.7# J-55 TBG. EOT @ 1902'. SN @ 1901'. CIBP @ 4566'. RDRR @ 12:00 HRS.



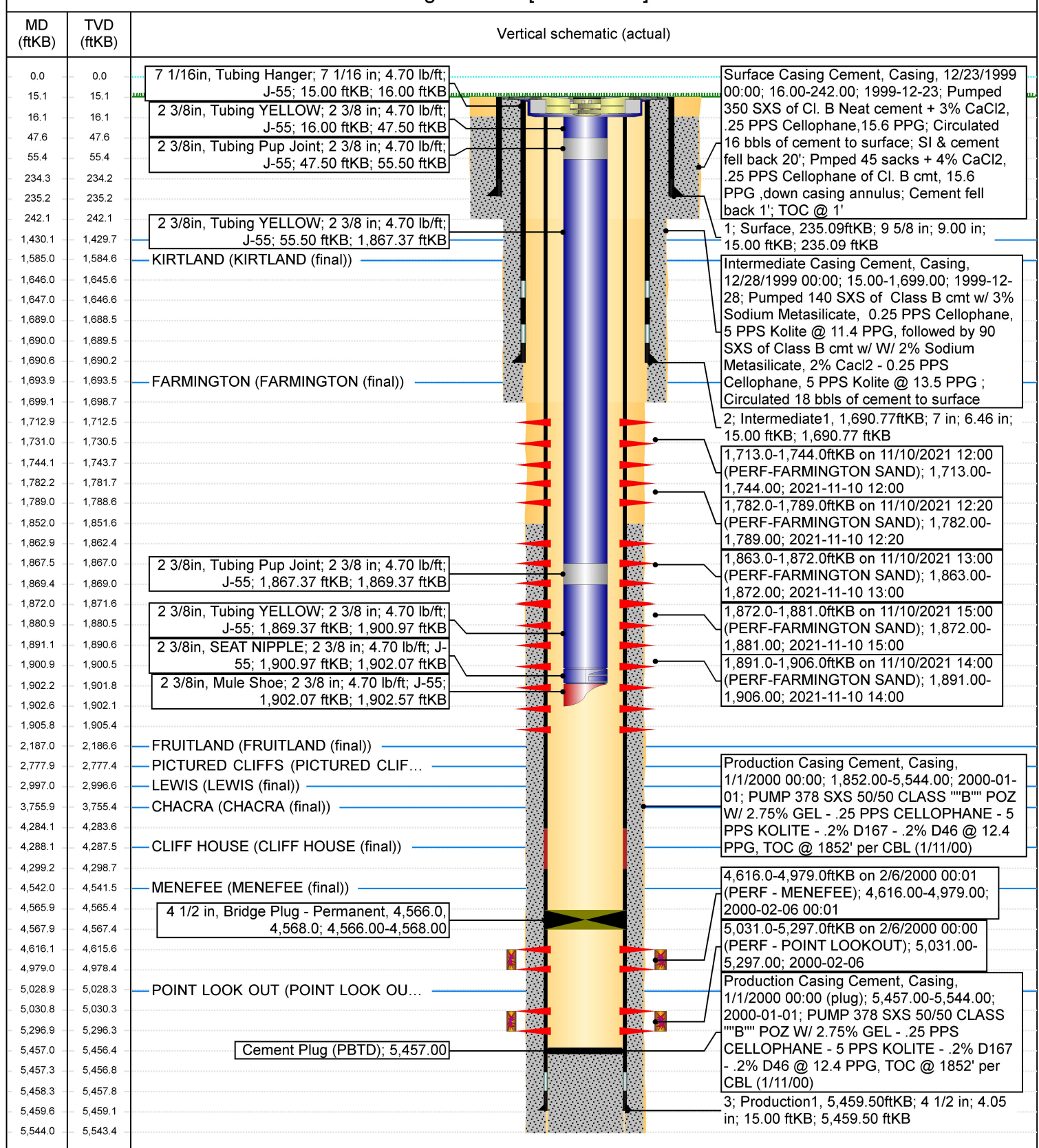


## Current Schematic - Version 3

Well Name: HELMS FEDERAL #1B

|                                   |                                           |                                               |                                |                                |                                     |
|-----------------------------------|-------------------------------------------|-----------------------------------------------|--------------------------------|--------------------------------|-------------------------------------|
| API / UWI<br>3004529998           | Surface Legal Location<br>022-030N-010W-M | Field Name<br>BLANCO MESAVERDE (PRORATED GAS) | Route<br>0305                  | State/Province<br>NEW MEXICO   | Well Configuration Type<br>VERTICAL |
| Ground Elevation (ft)<br>6,182.00 | Original KB/RT Elevation (ft)<br>6,197.00 | KB-Ground Distance (ft)<br>15.00              | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |                                     |

## Original Hole [VERTICAL]



**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**

CONDITIONS

Action 64004

**CONDITIONS**

|                                                                                |                                                             |
|--------------------------------------------------------------------------------|-------------------------------------------------------------|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171                                            |
|                                                                                | Action Number:<br>64004                                     |
|                                                                                | Action Type:<br>[C-103] Sub. (Re)Completion Sundry (C-103T) |

**CONDITIONS**

| Created By | Condition                                                                              | Condition Date |
|------------|----------------------------------------------------------------------------------------|----------------|
| jagarcia   | If the MesaVerde is produced a DHC order will need to be obtained prior to production. | 1/27/2022      |