

Well Name: SAN JUAN 28-5 UNIT	Well Location: T28N / R5W / SEC 23 / SWSE / 36.641307 / -107.326049	County or Parish/State: RIO ARRIBA / NM
Well Number: 103M	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079519A	Unit or CA Name: SAN JUAN 28-5 UNIT--DK, SAN JUAN 28-5 UNIT--MV	Unit or CA Number: NMNM78411A, NMNM78411B
US Well Number: 3003925957	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2809768

Type of Submission: Subsequent Report

Date Sundry Submitted: 09/03/2024

Date Operation Actually Began: 08/13/2024

Type of Action: Temporary Abandonment

Time Sundry Submitted: 07:23

Actual Procedure: Hilcorp Energy has temporarily abandoned the subject well on 8/23/2024 per the attached reports.

SR Attachments

- Actual Procedure
- hilcorp\_san\_juan\_28\_5\_103m\_20240903072141.pdf
  - SJ\_28\_5\_UNIT\_103M\_SR\_20240903072127.pdf

SR Conditions of Approval

Specialist Review

San\_Juan\_28\_5\_Unit\_103M\_ID\_2809768\_TA\_COAs\_MHK\_09.03.2024\_20240903150957.pdf

Well Name: SAN JUAN 28-5 UNIT

Well Location: T28N / R5W / SEC 23 / SWSE / 36.641307 / -107.326049

County or Parish/State: RIO ARRIBA / NM

Well Number: 103M

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF079519A

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

Unit or CA Number: NMNM78411A, NMNM78411B

US Well Number: 3003925957

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: TAMMY JONES

Signed on: SEP 03, 2024 07:22 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Compliance Specialist

Street Address: 382 ROAD 3100

City: AZTEC

State: NM

Phone: (505) 324-5185

Email address: TAJONES@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: 09/03/2024

Signature: Matthew Kade

SAN JUAN 28-5 UNIT 103M

30.039.25957

TEMPORARY ABANDONMENT

**8/13/2024** – MIRU.

**8/15/2024** – CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 2 MINS. RU RIG & EQUIPMENT. ND WELLHEAD. NU BOP. F/T BOP AND PSI TEST (GOOD TEST). R/U FLOOR AND TONGS. UNLAND WELL & REMOVE HANGER. L/D 281 JTS 2-3/8 TUBING. SWAP OUT TUBING FLOATS. P/U 3-7/8 STRING MILL. TALLY AND P/U 2-3/8 J-55 YELLOW BAND WORK STRING. WORK STRING MILL THROUGH SCALE AND TIGHT SPOT FROM 3714' TO 3805'. CONTINUE PICKING UP TUBING TO 5040 EOT. TOP PERF AT 5159'. SISW. SDFN.

**8/16/2024** – CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. CONTINUE TO P/U 2-3/8 TUBING (115 JTS EOT @ 8656'). L/D 2 JTS. TOH 274 JTS AND L/D CASING SCRAPER. P/U 4-1/2 CICR. TIH TO 8580'. SET CICR. LOAD TUBING W/12 BBLS FRESH WATER. PSI TEST TUBING. 500 PSI FOR 5 MINS. STING OUT OF RETAINER. PUMP 200 BBLS ATTEMPT TO CIRCULATE WELL (FAILED). R/U SANDLINE. RIH AND ESTABLISH FLUID LEVEL. REPORT RESULTS TO ENGINEER. **PUMP BALANCE PLUG #1:** 12 SXS CLASS G 1.15 YIELD 15.8 PPG CEMENT. DISPLACE W/ 12.6 BBLS. LET CEMENT EQUALIZE FOR 15 MINUTES. TOH TO TOP OF LINER. EOT @ 2693.03'. SISW. SDFN. **(BLM REP. CLAY YAZZIE ON LOCATION)**

**8/17/2024** – CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 2 MINS. FINISH TOH AND L/D CICR SETTING TOOL. P/U TAG SUB. TIH AND TAG PLUG #1 @ 8403'. LD TO EOT @ 7797'. RIH AND TAG FLUID LEVEL W/SANDLINE (3200'). **PUMP PLUG #2:** 14 SXS CLASS G -1.15 YIELD- 15.8 PPG= 2.9 BBLS OF SLURRY. DISPLACE W/17.6 BBLS FRESH WATER. TOH 160 JTS ABOVE LT @ 2718'. WOC 4 HOURS. TIH AND TAG PLUG #2 @ 7641'. L/D 23 JTS TO EOT @ 7050'. RIH AND TAG FLUID LEVEL W/ SANDLINE (3100'). **PUMP PLUG #3:** 14 SXS CLASS G -1.15 YIELD- 15.8 PPG= 2.9 BBLS OF SLURRY. DISPLACE W/14.2 BBLS FRESH WATER. TOH 138 JOINTS TO TOL @ 2718'. SISW. SDFN. **(BLM REP. CLAY YAZZIE ON LOCATION)**

**8/18/2024** – CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 2 MINS. TIH AND TAG PLUG #3 @ 6905'. TOH AND L/D TAG SUB. P/U 4-1/2 CICR. TIH AND SET CICR @ 5109'. **PUMP PLUG #4:** 70 SXS CLASS G -1.15 YIELD- 15.8 PPG= 14.3 BBLS OF SLURRY DISPLACE W/19.8 BBLS FRESH WATER. RIH AND TAG FLUID LEVEL W/SANDLINE (3100'). **PUMP** 10 SXS CLASS G - 1.15 YIELD - 15.8 PPG= 2 BBLS OF SLURRY DISPLACE W/7.4 BBLS OF FRESH WATER. TOH AND L/D CICR SETTING TOOL. WOC. P/U TAG JOINT AND TIH. TAG CICR @ 5109'. NO TAG ON PLUG #4. **PLUG #4B:** ATTEMPT TO LOAD CASING 116 BBLS FRESH WATER. NO CIRCULATION. LET FLUID SETTLE. RIH AND TAG FLUID LEVEL W/ SANDLINE (3100'). **PUMP** 20 SXS CLASS G - 1.15 YIELD - 15.8 PPG= 4 BBLS OF SLURRY DISPLACE W/ 6.7 BBLS OF FRESH WATER. TOH TO ABOVE LINER TOP @ 2718'. EOT @ 2665. SISW. SDFN. **(BLM REP. CLAY YAZZIE ON LOCATION)**

**8/19/2024** – CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 2 MINS. TIH AND TAG CICR @ 5109'. TOH/98 JTS (FLUID IN TUBING). WAIT ON MUD BUCKET. TOH W/ REMAINING TUBING. L/D 11 JTS W/CEMENT. P/U 3-7/8 STRING MILL. TIH AND TAG CICR @ 5109'. TOH AND L/D CICR. SISW. SDFN. **(BLM REP. CLAY YAZZIE ON LOCATION)**

SAN JUAN 28-5 UNIT 103M

30.039.25957

TEMPORARY ABANDONMENT

**8/21/2024** – CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. TIH AND SET CIRC @ 5059'. R/U DRAKE ENERGY CEMENTERS. R/U ATTEMPT PSI TEST. WAIT ON PARTS FROM TOWN. PSI TEST TUBING TO 1000 PSI. STING OUT RETAINER. RIH W/SANDLINE AND CHECK FLUID LEVEL. LOAD CASING W/ 25 BBLS. **PUMP PLUG # 4B**: 24 SXS CLASS G - 1.15 YIELD - 15.8 PPG= 4 BBLS OF SLURRY/ 2.85 BBLS OF MIX WATER. DISPLACE W/ 18.4 BBLS OF FRESH WATER. EST TOC @ 4751'. TOH AND L/D CIRC SETTING TOOL. WOC. P/U TAG JOINT. TIH AND TAG PLUG #4B @ 4751'. TOH AND L/D TAG JOINT. SISW. SDFN. **(BLM REP. CLAY YAZZIE ON LOCATION)**

**8/22/2024** – CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. R/U WIRELINE. RIH AND PERFORATE @ 3673'. POOH R/D WIRELINE. TIH W/2-3/8 WORK STRING EOT @ 4649'. LOAD CASING 5 BBLS FRESH WATER. FLUID TO SURFACE. **PUMP PLUG #5**: 102 SXS CLASS G - 1.15 YIELD - 15.8 PPG= 21 BBLS OF SLURRY/12.1 BBLS OF MIX WATER. DISPLACE W/14 BBLS OF FRESH WATER. EST TOC @ 3613'. TOH 60 JTS. REVERSE CIRCULATE @ 2764'. TOH AND L/D TAG JOINT. R/U WIRELINE. **RUN CBL FROM LINER TOP TO SURFACE**. R/D WIRELINE. P/U TAG JOINT. TIH AND TAG PLUG # 5 @ 3602'. POOH TO 2768'. LOAD CASING 5 BBLS FRESH WATER. FLUID TO SURFACE. **PUMP PLUG #6**: 24 SXS CLASS G - 1.15 YIELD - 15.8 PPG= 5 BBLS OF SLURRY/ 2.8 BBLS OF MIX WATER. DISPLACE W/10 BBLS OF FRESH WATER. EST TOC @ 2618'. TOH AND REVERSE CIRCULATE. WOC. TIH AND TAG PLUG # 6 @ 2604'. PSI TEST CASING 560 PSI FOR 15 MIN. SISW. SDFN. **(BLM REP. CLAY YAZZIE ON LOCATION)**

**8/23/2024** – CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP N/A, BH 0#, BDW 0 MINS. TOH AND L/D CEMENT TAG SUB. P/U 7" CASING SCRAPER. TIH TO 2600'. TOH AND L/D CASING SCRAPER. P/U 7" CIBP AND SET @ 2550'. TOH AND L/D TUBING. LOAD CASING WITH FRESH WATER. R/U WILSON SERVICES. **PERFORM MIT TEST 560 PSI FOR 30 MINUTES (GOOD TEST), WITNESSED BY CLAY YAZZIE WITH BLM**. R/D RIG AND EQUIPMENT. SISW. RIG RELEASED @ 17:00 8/23/2024.

**NOTE: (BLM REP. CLAY YAZZIE ON LOCATION)**

**Well is temporarily abandoned on 8/23/2024.**

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**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Monday, August 19, 2024 8:19 AM  
**To:** Rennick, Kenneth G; John LaMond; Kade, Matthew H  
**Cc:** Farmington Regulatory Techs; Clay Padgett; Lee Murphy; Rustin Mikeska; Matt Gustamantes - (C)  
**Subject:** RE: [EXTERNAL] TA Revision Request for Hilcorp's SAN JUAN 28-5 UNIT 103M (API # 3003925957)

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NMOCD approves below.

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

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**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Monday, August 19, 2024 8:16 AM  
**To:** John LaMond <jlamond@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>  
**Cc:** Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Matt Gustamantes - (C) <Matt.Gustamantes@hilcorp.com>  
**Subject:** Re: [EXTERNAL] TA Revision Request for Hilcorp's SAN JUAN 28-5 UNIT 103M (API # 3003925957)

To confirm, the BLM finds the proposed procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
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**From:** John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>

**Sent:** Monday, August 19, 2024 8:07 AM

**To:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>

**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>; Matt Gustamantes - (C) <[Matt.Gustamantes@hilcorp.com](mailto:Matt.Gustamantes@hilcorp.com)>; John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>

**Subject:** RE: [EXTERNAL] TA Revision Request for Hilcorp's SAN JUAN 28-5 UNIT 103M (API # 3003925957)

Good morning Monica and Kenny,

Per our discussion this morning, after setting the CICR @ 5,109', Hilcorp successfully pumped the 70sx of cement below the CICR (PLUG #4). We then stung out of the CICR and pumped 10sx on top of the CICR. After WOC, we RIH and tagged the CICR @ 5,109'. We then pumped a 250' plug on top of the CICR. After WOC, we RIH and once again tagged the CICR @ 5,109' and no cement.

Moving forward, Hilcorp received verbal approval from the NMOCD and BLM to perform the following:

- Set a 4-1/2" CICR @ 5,059'.
- Pump PLUG #4b:
  - 150' cement plug (Class G) on top of the CICR (est. TOC @ 4,909' & est. BOC @ 5,059').
  - WOC & Tag.
- All other plug designs remain the same as previously approved (Though the Plug numbers have been updated).
- The updated procedure as well as updated P&A WBD is attached (and below).





**HILCORP ENERGY COMPANY**  
**SAN JUAN 28-5 UNIT 103M**  
**TA NOI**

API #: 3003925957

**JOB PROCEDURES**

1. Contact NMOCD and BLM (where applicable) 24 hours prior to MIRU.
2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
3. MIRU service rig and associated equipment; NU and test BOP.
4. Set a 4-1/2" CIBP or CICR at +/- 8,580' to isolate the DK Perfs.
5. \*NOTE: The following plugs are designed based on the CBL run on 09-30-1998.
6. PU & TIH w/ work string to +/- 8,580'.
7. **PLUG #1: 12sx of Class G Cement (15.8 PPG, 1.15 yield); DK Top @ 8,674' | DK Perfs @ 8,614' | GRN Top @ 8,554':**  
 Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 8,430' & est. BOC @ +/- 8,580'). Wait on Cement for 4 hours, tag TOC w/ work string. \* cement plug lengths & volumes account for excess.
8. POOH w/ work string to +/- 7,797'.
9. **PLUG #2: 12sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Top @ 7,747':**  
 Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 7,647' & est. BOC @ +/- 7,797'). Wait on Cement for 4 hours, tag TOC w/ work string. \* cement plug lengths & volumes account for excess.
10. POOH w/ work string to +/- 7,050'.
11. **PLUG #3: 12sx of Class G Cement (15.8 PPG, 1.15 yield); MCS Top @ 7,000':**  
 Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 6,900' & est. BOC @ +/- 7,050'). Wait on Cement for 4 hours, tag TOC w/ work string. \* cement plug lengths & volumes account for excess.
12. Set a 4-1/2" CICR at +/- 5,109' to isolate the Lewis & MV Perfs. TIH with work string, sting into CICR, establish injection.
13. **PLUG #4a: 70sx of Class G Cement (15.8 PPG, 1.15 yield); MV Perfs @ 5,961' | MV Top @ 5,958' | CHC Top @ 5,353' | Lewis Perfs @ 5,159' :**  
 Pump 70sx of cement beneath the 4-1/2" CICR (est. TOC @ +/- 5,109' & est. BOC @ +/- 6,008').
14. Set a 4-1/2" CICR at +/- 5,059'.
15. TIH w/ work string to +/- 5,059'.
16. **PLUG #4b: 12sx of Class G Cement (15.8 PPG, 1.15 yield); MV Perfs @ 5,961' | MV Top @ 5,958' | CHC Top @ 5,353' | Lewis Perfs @ 5,159' :**  
 Pump 12sx of cement on top of the 4-1/2" CICR (est. TOC @ +/- 4,909' & est. BOC @ +/- 5,059'). Wait on Cement for 4 hours, tag TOC w/ work string.
17. Load the well as needed. Pressure test the casing above the plug to 560 psig.
18. TOOH w/ work string. TIH and perforate circ holes in the 4-1/2" casing only @ +/- 3,763'. TIH with tubing/work string.
19. **PLUG #5: 102sx of Class G Cmtt (15.8 PPG, 1.15 yield); Int. Csg Shoe @ 4,599' | PC Top @ 4,395' | FRD Top @ 3,977' | KRD Top @ 3,880' | OJO Top @ 3,713':**  
 Pump a 102 sack balanced cement plug inside the 4-1/2" casing. 81 sacks will remain balanced inside the 4-1/2" casing (est. TOC @ +/- 3,613' & est. BOC @ +/- 4,649'). 21sx will u-tube through the circ holes @ 3,763' into the 4-1/2" casing X 7" casing annulus (est. TOC @ +/- 3,563' & est. BOC @ +/- 3,763'). \*Note cement plug lengths & volumes account for excess.
20. POOH w/ work string to +/- 2,768'.
21. **PLUG #6: 24sx of Class G Cement (15.8 PPG, 1.15 yield); Top of Chemically Cut 4-1/2" Casing @ 2,718':**  
 Pump a 4 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 2,718' & est. BOC @ +/- 2,768'). Continue pumping a 20 sack balanced cement plug inside casing (est. TOC @ +/- 2,618' & est. BOC @ +/- 2,718') above the chemically cut 4-1/2" casing. \*Note cement plug lengths & volumes account for excess.
22. TOOH w/ work string.
23. Set a 7" CIBP or CICR at +/- 2,550'.
24. RU Wireline. Run CBL. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
25. Load the well as needed. Perform a charted & witnessed MIT by pressure testing the casing above the plug to 560 psig.
26. RDMO service rig.

Please let me know if you have any questions.

Thanks,

**John LaMond**

Operations Engineer – Technical Services  
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Houston, TX 77002  
346-237-2210 (Office)  
832-754-9692 (Cell)  
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---

**From:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Sent:** Friday, August 16, 2024 10:28 AM  
**To:** John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>; Matt Gustamantes - (C) <[Matt.Gustamantes@hilcorp.com](mailto:Matt.Gustamantes@hilcorp.com)>  
**Subject:** Re: [EXTERNAL] TA Revision Request for Hilcorp's SAN JUAN 28-5 UNIT 103M (API # 3003925957)

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To confirm, the BLM finds the proposed procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

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---

**From:** John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>  
**Sent:** Friday, August 16, 2024 8:51 AM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>; John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>; Matt Gustamantes - (C) <[Matt.Gustamantes@hilcorp.com](mailto:Matt.Gustamantes@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] TA Revision Request for Hilcorp's SAN JUAN 28-5 UNIT 103M (API # 3003925957)

Good morning Monica and Kenny,



Per our discussion, Hilcorp received verbal approval from the BLM and NMOCD to combine PLUG #4 & PLUG #5 into one plug. This will be called PLUG #4, and is outlined as follows:

- **PLUG #4: 78sx of Class G Cement (15.8 PPG, 1.15 yield); MV Perfs @ 5,961' | MV Top @ 5,958' | CHC Top @ 5,353' | Lewis Perfs @ 5,159' :**
  - Set a 4-1/2" CICR @ **5,109'** (as previously approved). A 4-1/2" CICR will NO LONGER be set @ 5,933'.
  - Pump 70sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 5,109'** & est. **BOC @ +/- 6,008'**). Sting out of retainer, pump an 8 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 5,009'** & est. **BOC @ +/- 5,109'**). Wait on Cement for 4 hours, tag TOC w/ work string.
  - All other plug designs remain the same as previously approved (Though the Plug numbers have been updated).
  - The updated procedure as well as updated P&A WBD is attached (and below).



**HILCORP ENERGY COMPANY**  
**SAN JUAN 28-5 UNIT 103M**  
**TA NOI**

API #: 3003925957

**JOB PROCEDURES**

1. Contact NMOCD and BLM (where applicable) 24 hours prior to MIRU.
2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
3. MIRU service rig and associated equipment; NU and test BOP.
4. Set a 4-1/2" CIBP or CICR at +/- 8,580' to isolate the **DK Perfs**.
5. \*NOTE: The following plugs are designed based on the **CBL run on 09-30-1998**.
6. PU & TIH w/ work string to +/- 8,580'.
7. **PLUG #1: 12sx of Class G Cement (15.8 PPG, 1.15 yield); DK Top @ 8,674' | DK Perfs @ 8,614' | GRN Top @ 8,554':**  
 Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 8,430'** & est. **BOC @ +/- 8,580'**). Wait on Cement for 4 hours, tag TOC w/ work cement plug lengths & volumes account for excess.
8. POOH w/ work string to +/- 7,797'.
9. **PLUG #2: 12sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Top @ 7,747':**  
 Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 7,647'** & est. **BOC @ +/- 7,797'**). Wait on Cement for 4 hours, tag TOC w/ work cement plug lengths & volumes account for excess.
10. POOH w/ work string to +/- 7,050'.
11. **PLUG #3: 12sx of Class G Cement (15.8 PPG, 1.15 yield); MCS Top @ 7,000':**  
 Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 6,900'** & est. **BOC @ +/- 7,050'**). Wait on Cement for 4 hours, tag TOC w/ work cement plug lengths & volumes account for excess.
12. Set a 4-1/2" CICR at +/- 5,109' to isolate the **Lewis & MV Perfs**. TIH with work string, sting into CICR, establish injection.
13. **PLUG #4: 78sx of Class G Cement (15.8 PPG, 1.15 yield); MV Perfs @ 5,961' | MV Top @ 5,958' | CHC Top @ 5,353' | Lewis Perfs @ 5,159' :**  
 Pump 70sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 5,109'** & est. **BOC @ +/- 6,008'**). Sting out of retainer, pump an 8 sack balanced cement plug on CICR. (est. **TOC @ +/- 5,009'** & est. **BOC @ +/- 5,109'**). Wait on Cement for 4 hours, tag TOC w/ work string.
14. Load the well as needed. Pressure test the casing above the plug to **560 psig**.
15. TOOH w/ work string. TIH and perforate circ holes in the 4-1/2" casing only @ +/- 3,763'. TIH with tubing/work string.
16. **PLUG #5: 102sx of Class G Cmtt (15.8 PPG, 1.15 yield); Int. Csg Shoe @ 4,599' | PC Top @ 4,395' | FRD Top @ 3,977' | KRD Top @ 3,880' | OJO Top @ 3,880' :**  
 Pump a 102 sack balanced cement plug inside the 4-1/2" casing. 81 sacks will remain balanced inside the 4-1/2" casing (est. **TOC @ +/- 3,613'** & est. **BOC @ +/- 3,763'**). 21sx will u-tube through the circ holes @ 3,763' into the 4-1/2" casing X 7" casing annulus (est. **TOC @ +/- 3,563'** & est. **BOC @ +/- 3,763'**). \*Note cement plug | volumes account for excess.
17. POOH w/ work string to +/- 2,768'.
18. **PLUG #6: 24sx of Class G Cement (15.8 PPG, 1.15 yield); Top of Chemically Cut 4-1/2" Casing @ 2,718':**  
 Pump a 4 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 2,718'** & est. **BOC @ +/- 2,768'**). Continue pumping a 20 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 2,618'** & est. **BOC @ +/- 2,718'**) above the chemically cut 4-1/2" casing. \*Note cement plug lengths & volumes account for excess.
19. TOOH w/ work string.
20. Set a 7" CIBP or CICR at +/- 2,550'.
21. RU Wireline. Run CBL. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
22. Load the well as needed. Perform a charted & witnessed MIT by pressure testing the casing above the plug to **560 psig**.
23. RDMO service rig.

Thanks,

**John LaMond**

Operations Engineer – Technical Services  
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832-754-9692 (Cell)  
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**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Wednesday, July 17, 2024 1:28 PM  
**To:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] TA Revision Request for Hilcorp's SAN JUAN 28-5 UNIT 103M (API # 3003925957)

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

NMOCD approves below

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)

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**From:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Sent:** Tuesday, July 16, 2024 3:53 PM  
**To:** John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>  
**Subject:** Re: [EXTERNAL] TA Revision Request for Hilcorp's SAN JUAN 28-5 UNIT 103M (API # 3003925957)

The BLM finds the proposed revised procedure appropriate.

Kenneth (Kenny) Rennick

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

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**From:** John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>  
**Sent:** Tuesday, July 16, 2024 3:35 PM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Brice Clyde - (C) <[Brice.Clyde@hilcorp.com](mailto:Brice.Clyde@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Lee Murphy <[lmurphy@hilcorp.com](mailto:lmurphy@hilcorp.com)>; Rustin Mikeska <[rmikeska@hilcorp.com](mailto:rmikeska@hilcorp.com)>; John LaMond <[jlamond@hilcorp.com](mailto:jlamond@hilcorp.com)>  
**Subject:** [EXTERNAL] TA Revision Request for Hilcorp's SAN JUAN 28-5 UNIT 103M (API # 3003925957)

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Good afternoon Monica and Kenny,

Hilcorp is planning to work on the SAN JUAN 28-5 UNIT 103M (API # 3003925957) TA in the near future.

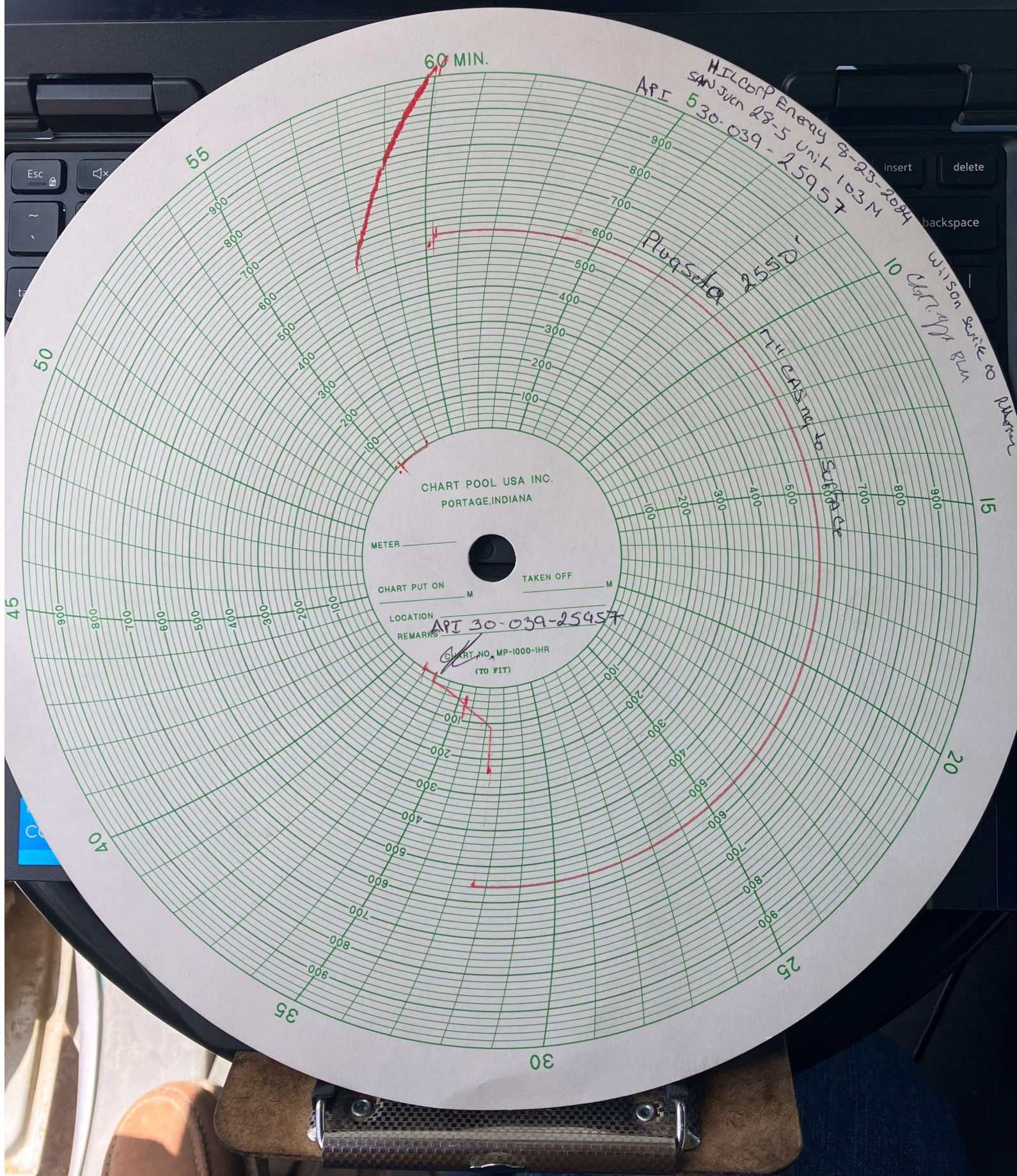
I have attached the approved TA NOI, as well as an updated procedure based on the COAs in the approved NOI.

Based on the COAs, Hilcorp requests the following adjustments to the approved procedure:

- PLUG #7 has been added to cover the chemically cut casing @ 2,718'.
- The **7" CIBP will now be set @ 2,550'** instead of the originally approved 2,700'.

Please see the revised procedure attached and below. The updated Proposed TA wellbore schematic is also attached.







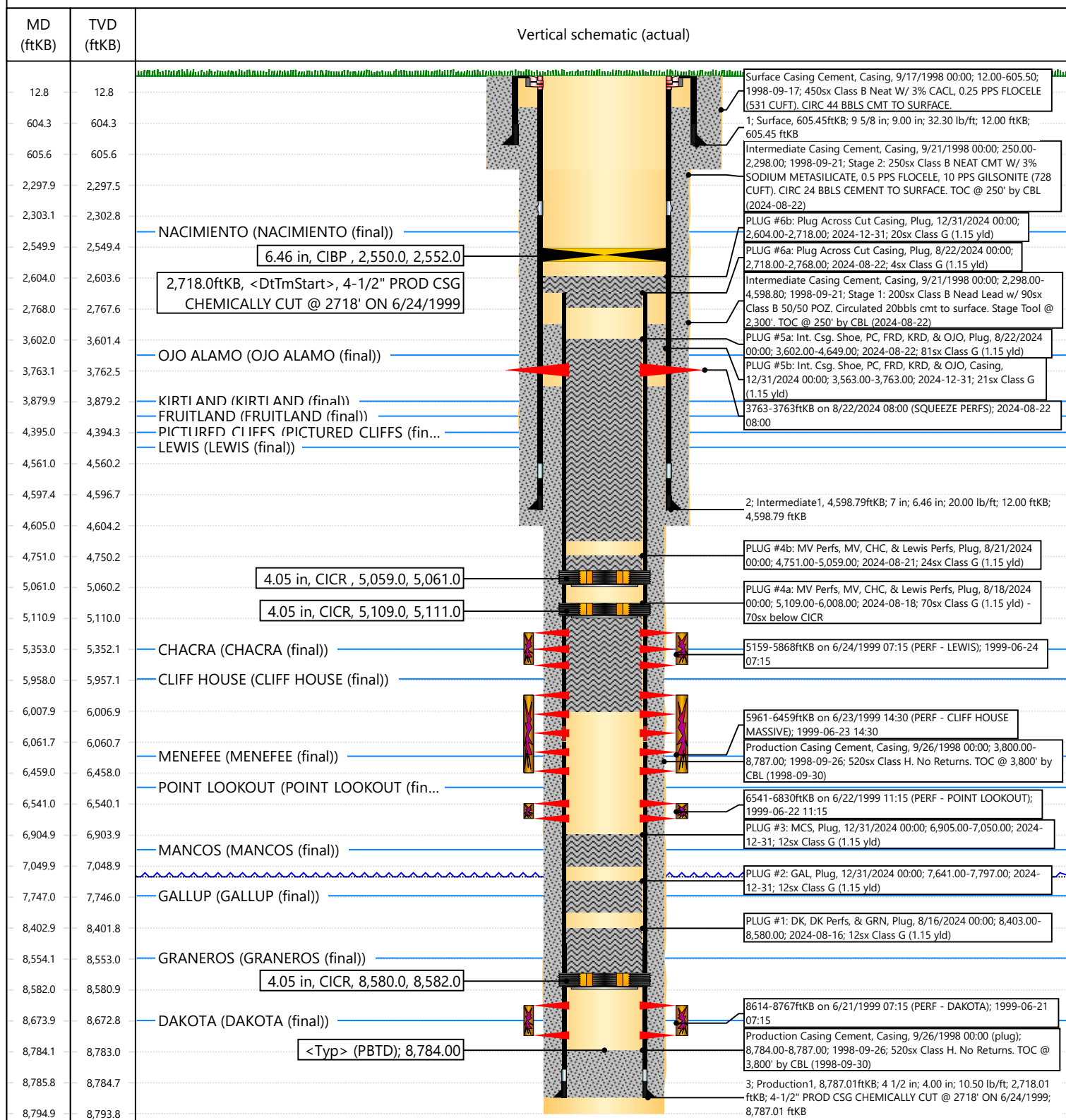


## Current Schematic - Version 3

Well Name: SAN JUAN 28-5 UNIT #103M

API / UWI 3003925957	Surface Legal Location 023-028N-005W-O	Field Name BASIN DAKOTA (PRORATED G #0068)	Route 1307	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 7,468.00	Original KB/RT Elevation (ft) 7,480.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
<b>Tubing Strings</b>					
Run Date 10/4/2019 14:00	Set Depth (ftKB) 8,700.35	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 9/17/1998 01:00

## Original Hole [VERTICAL]







# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Farmington District Office  
6251 College Boulevard, Suite A  
Farmington, New Mexico 87402  
<http://www.blm.gov/nm>



September 3, 2024

## CONDITIONS OF APPROVAL

### Sundry Notice of Intent ID # 2809768 Request for Temporary Abandonment Status

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**Operator:** Hilcorp Energy Company  
**Lease:** NMSF 079519A  
**Agreement(s):** NMNM 78411A, NMNM 78411B  
**Well(s):** San Juan 28-5 Unit 103, API # 30-039-25957  
**Location:** SWSE Sec 23 T28N R4W (Rio Arriba County, NM)

The request to put the well into temporary abandonment (TA) status is approved with the following conditions:

1. No well shall be in TA status without prior approval from the authorized officer or representative.
2. This approval is granted for a 12-month period until August 23, 2025. **Before this approval expires** one of the following shall be submitted:
  - a. A sundry notice (Notice of Intent – Temporary Abandonment) to keep the well in TA status with engineering and/or economic justification for up another 12-month period. Provide details as to future beneficial use plans Hilcorp has for this well. Dates do not have to be exact but should be reasonable.
  - b. A sundry notice (Notification – Resume Production) within 5 business days after the well is returned to production. Note the day the well was returned to production and produced volumes if measured.
  - c. A sundry notice (Notice of Intent – Plug and Abandonment) to plug and abandon (P&A) the well. While not necessary to P&A before August 23, 2025, a sundry notice must be submitted prior to that date. The P&A will then have to occur within one year of the approval of the NOI.
3. This agency reserves the right to modify or rescind approval. A plug or produce order may still be issued at the discretion of the authorized officer.

4. The lease is currently held by production from other wells. Should production from the lease cease, the BLM may require this well be returned to production or P&A, regardless of the amount of time the TA status is still approved for.

For questions concerning this matter, please contact Matthew Kade, Petroleum Engineer at the BLM Farmington Field Office, at (505) 564-7736 or [mkade@blm.gov](mailto:mkade@blm.gov).

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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**  
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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 380398

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 380398
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	MIT required on or before 8/23/2029	9/16/2024