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 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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-039-24294
2. Name of Operator Hilcorp Energy Company		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 382 Road 3100, Aztec, NM 87410		6. State Oil & Gas Lease No. STATE E-5111-7
4. Well Location Unit Letter <u>K</u> : <u>1711</u> feet from the <u>South</u> line and <u>1527</u> feet from the <u>West</u> line Section <u>36</u> Township <u>029N</u> Range <u>007W</u> NMPM County <u>RIO ARRIBA</u>		7. Lease Name or Unit Agreement Name SAN JUAN 29-7 UNIT NP
		8. Well Number 516
		9. OGRID Number 372171
		10. Pool name or Wildcat Blanco Mesaverde / Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6819' GL		

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 type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: CEMENT REM <input checked="" 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.

9/10/2024 – MIRU. PT 4.5" csg to 1500 psi; test good. TIH, tag DV tool @ 6664'. Set down 19K lbs tbg string wt on tool, no change. Break circ. DO dart & DV tool. Circ clean. Hang back swvl. SISW. SDFN.

9/11/2024 - No psi on well. TIH, tag up on dart/DV tool & DO. Circ until returns clean. TIH, tag **PBTD @ 8518'**. Circ clean w/ 125 bbls biocide water. MIRU Dynamic Testing. PT 4.5" csg. Went to 500 psi, psi leveled off then dropped to 250 psi. Att to increase psi to 500 psi. Pumped into leak. INT csg on slight vac. RD Dynamic Services. TOO. MIRU WL. RIH w/ 3.75" OD GR to 8,520'. Run **GR/CCL/CBL from 8,520' to 17'**. SISW. SDFN.

9/12/2024 - SICP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. RU WL. Run **GR/CNL from 8,520' to 450'**. TIH, set 4.5" pkr @ 6684'. 1<sup>st</sup> Test below pkr to 610 psi x 10 min, good. Rel psi. 2<sup>nd</sup> Test above pkr, pump into leak @ .75 BPM @ 420 psi. SD pumping, 0 psi in 5 sec. Continued.....

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 10/25/2024

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

Unset pkr. Re-set pkr @ 6,624'. **3<sup>rd</sup> test** above pkr; pump into leak @ 1.5 BPM @ 740 psi. SD pumping, 0 psi in 5 sec. 4 1/2" X 7" INT annulus on vacuum. No change noted when pumping. Unset pkr. SDFN.

**9/13/2024** - SICP-0 PSI. SIICP-0 PSI, SIBHP-0 PSI. **Rec'd permission from NMOCd to conduct cement squeeze operations.** TIH, set **4.5" CR @ 6,624'**. MIRU Drake Cmt. PT lines 3,000 psi. **1st cmt sqz:** DV tool @ 6,664'- 6,666'; Est inj rate thru CR into DV tool @ 2.0 BPM @ 1,170 PSI. Pump 5 bbls water. **Mix & pump 15 SX (6 bbls) Type "III" cmt @ 12.5 ppg w/ 2.15 ft3 yld.** Disp w/ 25 bbls water. Sting out of CR. Rev out w/30 bbls water. 0.5 bbls cmt in returns. RD cmt lines. RU Basin WL. **Perf squeeze holes @ 6,090'**. Correlated off GR/CCL/CBL log dated 9-11-24. RD Basin WL. TIH, set **CR @ 6,064'**. RU Drake Cmt. Re-test lines to 3,000 psi. **2nd cement squeeze:** Perfs (6,090'- 6,091'). Est inj rate thru CR into DV tool @ 2.0 BPM @ 160 PSI. Pumped 10 bbls water. **Mix & pump 45 SX (17 bbls) Type "III" cmt @ 12.5 PPG w/ 2.15 ft3 yld.** Psi during cmt @ 20 psi to 100 psi. Disp cmt w/ 23 bbls water. Sting out of CR. Rev out w/ 31 bbls water. 1 bbl cmt in returns. RD cmt lines. TOH 4 stds. RDMO Drake. SISW. SDFWE.

**9/16/2024** - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP- 0 PSI. TOH CR stinger & tbg. TIH, tag cmt on retainer @ 6,055' (CR @ 6,064'). Break circ above cmt w/ 50 bbls biocide water. PT 4.5" csg/retainer 610 PSI x 15 min, Good. RU pwr swvl. Break circ & DO cmt & CR. Cont into well to 6,150'. No cmt tagged below CR (sqz perf @ 6,090'). **Attempt to PT csg to 600 psi.** Not able to test, leaking off to 0 psi in 3 sec. Est inj rate of 1 bpm @ 580 psi. Start **DO 2nd squeeze.** Tag cmt on 2nd retainer @ 6,604' (CR @ 6,624'). **DO cmt/retainer to 6,620'**. Circ clean. Hang back swvl. TIH to 6,056'. SISW. SDFN.

**9/17/2024** - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP- 0 PSI. TIH, tag cmt on retainer @ 6,620' (CR @ 6,624'). RU pwr swvl. Break circ w/rig pump & 10 bbls biocide water. **DO cmt/CR.** Cont DO cmt below retainer and went thru at 6,675', cont down to 6,700'. (DV tool @ 6,664'- 6,666'). Circ clean. TOH. SISW. SDFN.

**9/18/2024** - SICP-0 PSI. SIICP-0 PSI. SIBHP- 0 PSI. RIH w/ 3.75" O.D. GR to 8,420'. Became stuck in fill w/GR. Worked tool for 3 hrs. Pulled free @ 3,700 lbs. GR tool recovered. Rehead WL cable head. Run **GR/CCL/CBL from 8,350' to 17' WLM.** Correlate to GR/CCL/CBL dated 9-11-24. RD WL. TIH w/4.5" pkr, set @ 6,130'. **1<sup>ST</sup> test;** below pkr to 610 psi X 30 min, lost 10 psi. RU line to 4 1/2" csg. **2<sup>nd</sup> test;** above pkr. Pump into leak @ .75 bpm @ 580 psi. SD pumping. 0 PSI in 3 min. NOTE: 4 1/2" X 7" INT annulus was static. No change noted when pumping. Unset pkr, TOH. SDFN.

**9/19/2024** - SICP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. MIRU WL Group. RIH, perf 0.34" **sqz holes @ 5,800' (4 holes).** Correlated off GR/CCL/CBL log dated 9-18-24. RD WL. TIH, set 4.5" pkr @ 6,069'. Load csg ann w/5 bbls bio wtr. Est inj rate @ .75 bpm @ 1,600 psi. No flow or blow from 4.5" x 7" int annul. RU to csg & pump down annulus @ 1.5 at 600 psi. No flow was seen at tbg & no blow or flow noted from 4.5" x 7" int annulus. Unset pkr, trip down to 6,130'. Set & re-test DV tool to 600 psi, good. Unset pkr, trip to 5,702' (sqz perfs @ 5,800'). SISW. SDFN.

**9/20/2024** – SICP-0 PSI (VAC). SIICP-0 PSI (VAC). SIBHP-0 PSI. W/O ORDERS. TOH PKR. **REC'D PERMISSION TO PROCEED W/ CMT SQZ BY WARD RIKALA, NMOCd VIA EMAIL.** MIRU WL CREW. **PERF 0.37" SQZ HOLES @ 6,030' (4 HOLES).** TIH, SET 4.5" PKR @ 5,981'. LOAD CSG ANN W/60 BBLS BIO WTR. EST INJ RATE INTO PERFS @ 6,030'. PUMP 1.75 BPM @ 400 PSI. NO FLOW/BLOW FROM 4.5" CSG ANN FROM SQZ HOLE @ 5,800'. PSI DROP TO 0 IN 10 SEC. NO BLOW/FLOW FROM 4.5" X 7" INT ANN. TRY INJ SEVERAL TIMES W/SAME RESULTS. UNSET PKR & TOH. TIH, SET 4.5" CR @ 5,977'. RIG UP DRAKE CMT. PT LINES TO 3,000 PSI. **PUMP 3RD CMT SQZ:** CR @ 5,977' & PERFS (6,030'- 6,091'). EST INJ RATE THRU CR INTO PERFS @ 2.0 BPM @ 120 PSI. PUMPED 20 BBLS WTR. 4.5" X 7" ANN STATIC. NO BLOW OR FLOW FROM SQZ PERF @ 5,800'. **MIX & PUMP 15 SX (5.7 BBLS) TYPE "III" CMT @ 12.5 PPG W/ 2.15 FT3 YLD.** DISP CMT W/ 22.5 BBLS WTR. 50 PSI TO 100 PSI. STING OUT OF CR. TBG ON VAC. DID NOT REV OUT. 4.5" X 7" ANN STATIC. TOH TO 3,769'. SISW. SDFN.

**9/21/2024** - SITP-0 PSI. SICP-0 PSI (SLIGHT VAC). SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. CONT TOH STINGER/TBG. LOAD CSG ANN W/9 BBLS BIO WTR. PUMP INTO PERFS @ 5,800'. PUMPED 1.5 BPM @ 450 PSI. NO FLOW OR BLOW FROM 4.5" X 7" INT ANN. PSI DROPPED TO 0 PSI IN 10 SEC. TIH TO 5,760'. BREAK CIRC W/5 BBLS WTR. SET 4.5" CMT RET. PUMP INTO SQUEEZE PERFS @ 5,800' @ 1.5 BPM @ 550 PSI. PUMP 10 BBLS. SD PUMPING. 0 PSI IN 10 SEC. RU DRAKE CMT. PT LINES TO 3,000 PSI. **PUMP 4TH CMT SQZ:** MIX & PUMP 17 SX (6.5 BBLS) TYPE "III" CMT @ 12.5 PPG W/ 2.15 FT3 YLD. 100 PSI TO 540 PSI DURING CMT. DISP CMT W/21.5 BBLS WTR. 100 PSI TO 150 PSI. STING OUT OF CR. REV OUT W/ 35 BBLS WTR. 4.5" X 7" ANN STATIC. NO BLOW OR FLOW. STING OUT OF CR. TOH TO 5,500'. SISW. SDFN.

**9/23/2024** - SITP-0 PSI. SICP-0 PSI (VAC). SIICP-0 PSI (VAC). SIBHP-0 PSI. CONT TOH W/ TBG/STINGER. RIH, **PERF 0.37" SQZ HOLES @ 5,590' (4 HOLES).** HAD SLIGHT AIR BLOW AFTER PERF. EST INJ RATE @ 2.0 BPM @ 400 PSI. SLIGHT BLOW FROM 4.5" X 7" INT ANN AT START OF PUMPING DIED. PUMPED 200 BBLS INTO PERFS. NO FLUID FLOW. PSI DROPPED TO 0 IN 10 SEC. **PERFORATE 2<sup>ND</sup> SET 0.37" SQZ HOLES @ 5,300' (4 HOLES).** SET 4.5" AS1-X PKR @ 5,330' (SQZ PERFS @ 5,300' & 5,590'). PUMP IN @ 2.0 BPM @ 200 PSI. 4.5" X 7" INT ANN STATIC. WATER RETURNS FROM SQZ PERFS @ 5,300'. UNSET PKR & TOH. TIH, SET **4.5" CICR @ 5,544'**. MIRU DRAKE CMT. **PUMP 5<sup>TH</sup> CMT SQZ:** CR @ 5,544', PERFS (5,300'- 5,590'). EST INJ RATE THRU CR INTO PERFS @ 2.0 BPM @ 200 PSI. PUMPED 10 BBLS WTR. 0 PSI ON TBG. 4.5" X 7" ANN STATIC. WTR RETURNS FROM UPPER SQZ PERF. MIX & PUMP 18 SX (6.9 BBLS) TYPE "III" CMT @ 12.5 PPG W/ 2.15 FT3 YLD. 50 PSI TO 240 PSI DURING CMT. DISP CMT W/ 21.0 BBLS WTR. 100 PSI TO 150 PSI. STING OUT OF CR. PULL

TBG TO 5,204'. REV OUT W/ 35 BBLS WTR. 4.5" X 7" ANN WAS STATIC, NO BLOW OR FLOW, HAD WTR RETURNS FROM UPPER SQZ PERFS DURING CMT & DISPLACEMENT. RDMO DRAKE CMT. TOH TO 4,772'. SISW. SDFN.

**9/24/2024** - SITP-0 PSI. SICP-0 PSI (VAC). SIICP-0 PSI (VAC). SIBHP-0 PSI. BREAK CIRC. PT 4.5" CSG. PUMPING INTO SQZ PERFS @ 5,300' @ 2.0 BPM @ 350 PSI. 0 PSI IN 5 SECS. TAG CMT @ 5,490'. TOH. M/U MULESHOE COLLAR, TIH TO 5,327' FOR CMT JOB. MIRU DRAKE CMT. **PUMP 6<sup>TH</sup> CMT SQZ:** TUBING @ 5,327', PERFS 5,300'. BREAK CIRC W/ 10 BBLS WTR. **MIX & PUMP 25 SX (5.1 BBLS) CLASS "G" CMT @ 15.6 PPG W/ 1.15 FT3 YLD.** DISPLACE CMT W/ 18.5 BBLS WTR. PULL TBG TO 4,834'. REV OUT W/ 35 BBLS WTR. START PUMPING CMT AWAY INTO PERFS. 150 PSI TO 300 PSI. PUMPED 4.0 BBLS AWAY INTO SQZ PERFS. SIW. 4.5" X 7" ANN STATIC, NO BLOW OR FLOW. RDMO DRAKE. SISW. SDFN.

**9/25/2024** - SITP-100 PSI. SICP-90 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. PT 4 1/2" CSG & SQZ TO 610 PSI X 30 MIN, TEST GOOD. TOH. TIH, TAG CMT @ 5,290'. BEGIN DO CMT @ 5,290' TO 5,300' (SQZ PERFS). DRILL THRU CMT @ 5,330'. CIRC UNTIL CLEAN. ATT TO PT CSG TO 600 PSI. NO TEST. LEAKING OFF @ 90 PSI/MIN. RETRY, SAME RESULTS. CONT DO CMT & NEXT CR @ 5,544'. CONT, TAG CMT ON CR @ 5,498' (CR @ 5,544'). CONT DO CMT TO RETAINER, TO 5,545'. CIRC UNTIL CLEAN. HANG BACK PWR SWVL TRIP TBG/MILL TO 5,269'. SISW. SDFN.

**9/26/2024** - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. TIH TO 5,545'. BREAK CIRC & CONT DO CMT/CR @ 5,545' TO 5,590' (SQZ PERFS). DRILL THRU CMT @ 5,596', CONT TO 5,628'. CIRC UNTIL CLEAN. HANG BACK PWR SWVL. TRIP TBG/MILL OUT, INSPECT BIT. M/U DRL ASSM. TIH, TAG CMT @ 5,755'. BREAK CIRC, BEGIN DO CMT @ 5,755' (CR @ 5,760'). DRILLED TO 5,760'. CIRC UNTIL CLEAN. HANG BACK PWR SWVL. TRIP TBG/MILL TO 5,680'. SISW.

**9/27/2024** - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. TIH TO 5,760'. BREAK CIRC & CONT DO CR @ 5,760' & CMT TO 5,800' (SQZ PERFS). DRILL THRU CMT @ 5,810', CONT DOWN TO 5,842'. CIRC UNTIL RETURNS CLEAN. HANG BACK PWR SWVL. TRIP TBG/MILL OUT OF WELL, INSPECT BIT. M/U DRL ASSM. TIH W/TBG, TAG CR DEBRIS/CMT PIECES @ 5,872'. BEGIN DO/CLEANING DEBRIS TO 5,934'. (3RD CR @ 5,975'). CIRC UNTIL CLEAN. HANG BACK PWR SWVL. TRIP TBG/MILL TO 5,840'. SISW. SDFWE.

**9/30/2024** - SITP-0 PSI (VAC). SICP-0 PSI (VAC). SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. TIH TO 5,934'. CONT DO DEBRIS TO CR @ 5,975'. DRILL THRU CR & CONT DOWN THRU SQZ PERF @ 6,030' - 6,057'. CIRC UNTIL RETURNS CLEAN. HANG BACK PWR SWVL. TAG FILL/DEBRIS @ 8,350'. RU PWR SWVL, BEGIN DO/CLEANING DEBRIS TO 8,510', HARD TAG. (PBD @ 8,518'). CIRC UNTIL CLEAN. HANG BACK PWR SWVL. TOH. SISW. SDFN.

**10/1/2024** - SICP-0 PSI (VAC). SIICP-0 PSI (VAC). SIBHP-0 PSI. MIRU WL GROUP. RIH W/ 3.75" OD GR TO 8,503' WLM'. **RUN GR/CCL/CBL FROM 8,503' WLM TO 17' WLM** IN 2 RUNS. LOGGING TOOL HAD ERRATIC READINGS ON 1ST RUN. RDMO WL. WAIT ON ORDERS. SISW. SDFN.

**10/2/2024** - SICP-0 PSI (VAC). SIICP-0 PSI (VAC). SIBHP-0 PSI. TIH, SET 4.5" RBP @ 5,450'. MIRU BASIN WL. RIH 3.75" OD DUMP BAILER W/ 95# SAND. DUMP SAND ONTO RBP @ 5,450' IN 2 RUNS. RDMO BASIN. TIH MULE SHOE COLLAR ON TBG TO 5,359' (SQZ PERFS @ 5,300') FOR CMT JOB. MIRU DRAKE CMT. PT LINES TO 3,000 PSI. BEGIN MIX CMT WHEN CMT SYSTEM MALFUNCTIONED. RDMO DRAKE. SISW. SDFN.

**10/3/2024** - SICP-0 PSI (VAC). SIICP-0 PSI (VAC). SIBHP-0 PSI. MIRU DRAKE CMT. **PUMP 7<sup>TH</sup> CMT SQZ: MIX & PUMP 40 SX (8.2 BBLS) CLASS "G" CMT @ 15.8 PPG W/ 1.15 FT3 YLD.** DISP CMT W/ 17.5 BBLS WTR. PULL TBG TO 4,801'. REV OUT W/ 25 BBLS WTR. START PUMPING CMT AWAY INTO PERFS. 550 PSI TO 1,650 PSI. PUMPED 1.0 BBL AWAY INTO SQZ PERFS. SIW W/ 1,650 PSI ON TBG. 4.5" X 7" ANN STATIC, NO BLOW OR FLOW. RDMO DRAKE. SISW.

**10/4/2024** - SITP-30 PSI. SICP-30 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. BDW. TOH W/TBG. TIH, TAG CMT @ 4,977'. BEGIN DO HARD CMT @ 4,977' TO 5,131'. CIRC UNTIL CLEAN. HANG BACK SWVL. TRIP TBG/MILL TO 5,069'. SISW. SDFWE.

**10/7/2024** - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. TRIP DOWN TO 5,131'. RU PWR SWVL. CONT DO HARD CMT @ 5,359'. CIRC UNTIL CLEAN. CLOSE PIPE RAMS & PT 4.5" CSG & SQZ PERFS (5,300'-5,301') 600 PSI X 30 MIN, GOOD TEST. HANG BACK SWVL. TOH W/ TBG/MILL WHEN RIG HAD HYDRAULIC HOSE FAILURE. CREW MADE REPAIRS. CONT TOH TBG/MILL. SISW. SCHEDULED MIT W/MONICA KUEHLING, NMOC D @ 12:30, 10-8-24.

**10/8/2024** - SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. TIH W/ RBP RET HEAD TO RBP @ 5,448'. FILL/SAND ON RBP @ 5,405'. RU SWVL, PUMP. CIRC CMT/SAND OFF RBP. LATCH ONTO RBP & EQUALIZE. WELL ON SLIGHT VAC. UNSET RBP & TOH. TIH, SET 4.5" AS1-X PKR @ 6,592'. MIRU WELL CHECK. **CONDUCT 2-MIT TESTS: 1ST MIT WITNESSED BY CLARENCE SMITH, NMOC D: PKR @ 6,592'. PT 4.5" CSG TO PBD TO 580 PSI X 30 MIN; TEST FAILED.** UNSET PKR, TRIP TO 5,513'. CIRC WELL W/ 70 BBLS. SET PKR. **2ND MIT: PKR @ 5,513'. PT 4.5" CSG ABOVE PKR TO 590 PSI X 30 MIN, TEST GOOD. 2ND MIT PASSED BY MONICA KUEHLING, NMOC D BY TEXT & PHOTO.** SISW. SDFN.

**10/9/2024** - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. UNSET PKR & TOH. MIRU BASIN WL. RIH W/ 3.75" OD GR TO 8,500' WLM'. RIH, & PERF 0.42" DIA SQZ HOLES @ 8,465' & 8,355' (6 HOLES) IN 4 RUNS DUE TO ELECTRONIC MALFUNCTION. RDMO BASIN WL. TIH, SET 4.5" COMP SET PKR WITH UNLOADER @ 2,890'. SISW. SDFN.

10/10/2024 - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. CONT TIH W/ PKR. BREAK CIRC W/ 25 BBLS BIOCID WTR. SET PKR @ 8,443' (SQZ PERFS 8,355' & 8,465'). ATT INJ INTO SQZ PERFS @ 0.2 BPM @ 2,850 PSI. UNABLE TO ACHIEVE A STEADY RATE. SD PUMPING, PSI DOWN TO 1,200 PSI IN 10 MIN. ATT SEV TIMES W/ SAME RESULTS. UNSET PKR, PULL ABOVE SQZ PERFS TO 8,296'. ATT INJ INTO SQZ PERFS. PUMP 0.2 BPM @ 2,950 PSI. UNABLE TO ACHIEVE A STEADY INJ RATE. SD PUMPING, PSI DOWN TO 600 PSI IN 25 MIN. UNSET PKR, TOH. W/O ORDERS. TIH MULE SHOE COLLAR TO 630'. CONT TIH PKR ON TBG TO 8,010'. SISW. SDFN.

10/11/2024 - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. TRIP PKR TO 8,480'. BREAK CIRC W/ 30 BBLS WTR. MIRU DRAKE CMT. PT LINES TO 3,000 PSI. **PUMP 8TH CMT SQZ: MIX & PUMP 30 SX (6.2 BBLS) CLASS "G" CMT @ 15.8 PPG W/ 1.15 FT3 YLD.** DISP CMT W/ 30.5 BBLS WTR. PULL TBG TO 7,992' (PKR @ 7,360'). REV OUT W/ 40 BBLS WTR. SET PKR. START PUMPING CMT AWAY INTO PERFS. 550 PSI TO 2,150 PSI. PUMPED 2.0 BBLS AWAY INTO SQZ PERFS. SIW W/ 2,000 PSI ON TBG. 4.5" X 7" ANN STATIC, NO BLOW/FLOW. RD DRAKE CMT. SISW. SDFWE.

10/14/2024 - SITP-500 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. BDW. UNSET PKR & TOH. PKR MISSING RUBBERS. PU L-80 WORK STRING & CMT DRILLING ASSM. TAG CMT @ 8,072'. BEGIN DO HARD CMT TO 8,131'. CIRC UNTIL CLEAN. HANG BACK SWVL. TRIP TBG/MILL TO 7,900'. SISW. SDFN.

10/15/2024 - SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. TIH TO 8,135'. CONT DO CMT 8,135' TO 8,480' (SQZ PERFS @ 8,355' - 8,465'). DRILL THRU CMT @ 8,480', CONT TO 8,810' (HARD TAG). FLUID LOSS & POOR CIRC WHILE DO CMT DUE TO SQZ PERFS IN MV AREA. CIRC UNTIL RETURNS CLEAN. HANG BACK PWR SWVL. TOH TBG/MILL. SISW. SDFN.

10/16/2024 - SICP-0 PSI (VAC). SIICP-0 PSI (VAC). SIBHP-0 PSI. TIH, SET 4.5" RBP @ 6,770'. PULL 1 ST. DUMP 95 LBS SAND DOWN TBG. FLUSH W/ 20 BBLS WTR. LET SAND FALL. TOH TBG. TIH MULE SHOE COLLAR TO 6,600' (DV TOOL @ 6,664'-6,666') FOR CMT JOB. SISW. SDFN.

10/17/2024 - SITP-0 PSI. SICP-0 PSI (VAC). SIICP-0 PSI (VAC). SIBHP-0 PSI. TIH TO 6,730'. MIRU DRAKE CMT. BREAK CIRC W/ RIG PUMP & 45 BBLS WTR. **PUMP 9TH CMT SQZ: PT LINES TO 3,000 PSI. MIX & PUMP 30 SX (6.2 BBLS) CLASS "G" CMT @ 15.8 PPG W/ 1.15 FT3 YLD** W/ RETARDER ADDITIVE. DISP CMT W/ 20.5 BBLS WTR. TOH. TIH, SET PKR @ 6,125'. START HESITATE PUMPING CMT AWAY INTO DV TOOL LEAK. 550 PSI TO 2,250 PSI. PUMPED 1.0 BBL AWAY INTO DV TOOL LEAK. SIW W/ 2,250 PSI ON TBG. 4.5" X 7" ANN STATIC, NO BLOW/FLOW. RDMO DRAKE CMT. SISW. SDFN.

10/18/2024 - SITP-1,500 PSI. SICP-0 PSI. SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. BDW. LOAD 4.5" CSG ANN. UNSET PKR. TOH. TIH W/ TBG & CMT DRILLING ASSM TO 6,127'. **WOC ANOTHER DAY.** SISW. SDFWE.

10/21/2024 - SITP-0 PSI. SICP-0 PSI (VAC). SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL, CONT TIH TBG, TAG CMT @ 6,380'. RU PWR SWVL. BREAK CIRC W/ 70 BBLS BIO WTR. BEGIN DO HARD CMT @ 6,380' - 6,660'. (DV TOOL @ 6,664'-6,666', RBP @ 6,770'). FLUID LOSS & POOR CIRC WHILE DO CMT DUE TO SQZ PERFS IN MV AREA. CIRC UNTIL RETURNS CLEAN. HANG BACK PWR SWVL. TIH TBG/MILL TO 6,590'. SISW. SDFN.

10/22/2024 - SITP-0 PSI. SICP-0 PSI (VAC). SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. TIH TO 6,660'. RU PWR SWVL. BREAK CIRC W/ 50 BBLS BIO WTR. CONT DO HARD CMT @ 6,660' - 6,690'. HANG BACK PWR SWVL. TOH, UNPLUG BIT. TRIP BACK INTO HOLE W/ TBG/BIT. BREAK CIRC W/ 35 BBLS. CONT DO CMT. WENT THRU CMT @ 6,760'. (DV TOOL @ 6,664'-6,666' & RBP @ 6,770'). HAD FLUID LOSS & POOR CIRC WHILE DO CMT DUE TO SQZ PERFS IN MV AREA. CIRC UNTIL RETURNS CLEAN. HANG BACK PWR SWVL. TRIP TBG/MILL TO 7,110'. SISW. SDFN.

10/23/2024 - SITP-0 PSI. SICP-0 PSI (VAC). SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. CONT TOH W/ TBG /DRILLING ASSM. TIH, SET 4.5" PKR @ 6,540'. LOAD TBG W/ 25 BBLS BIOCID WTR. PT 4.5" CSG & DV TOOL AREA BELOW PKR TO 610 PSI X 35 MIN, GOOD. NO LEAKOFF. UNSET PKR. TOH W/ TBG/PKR. TIH W/ 4.5" RETRIEVING HEAD FOR RBP, TAG FILL @ 6,765' (RBP @ 6,770'). RU SWVL. CIRC & CO CMT/SAND FILL OFF RBP @ 6,770'. LATCHED ONTO & UNSET RBP. SISW. SDFN.

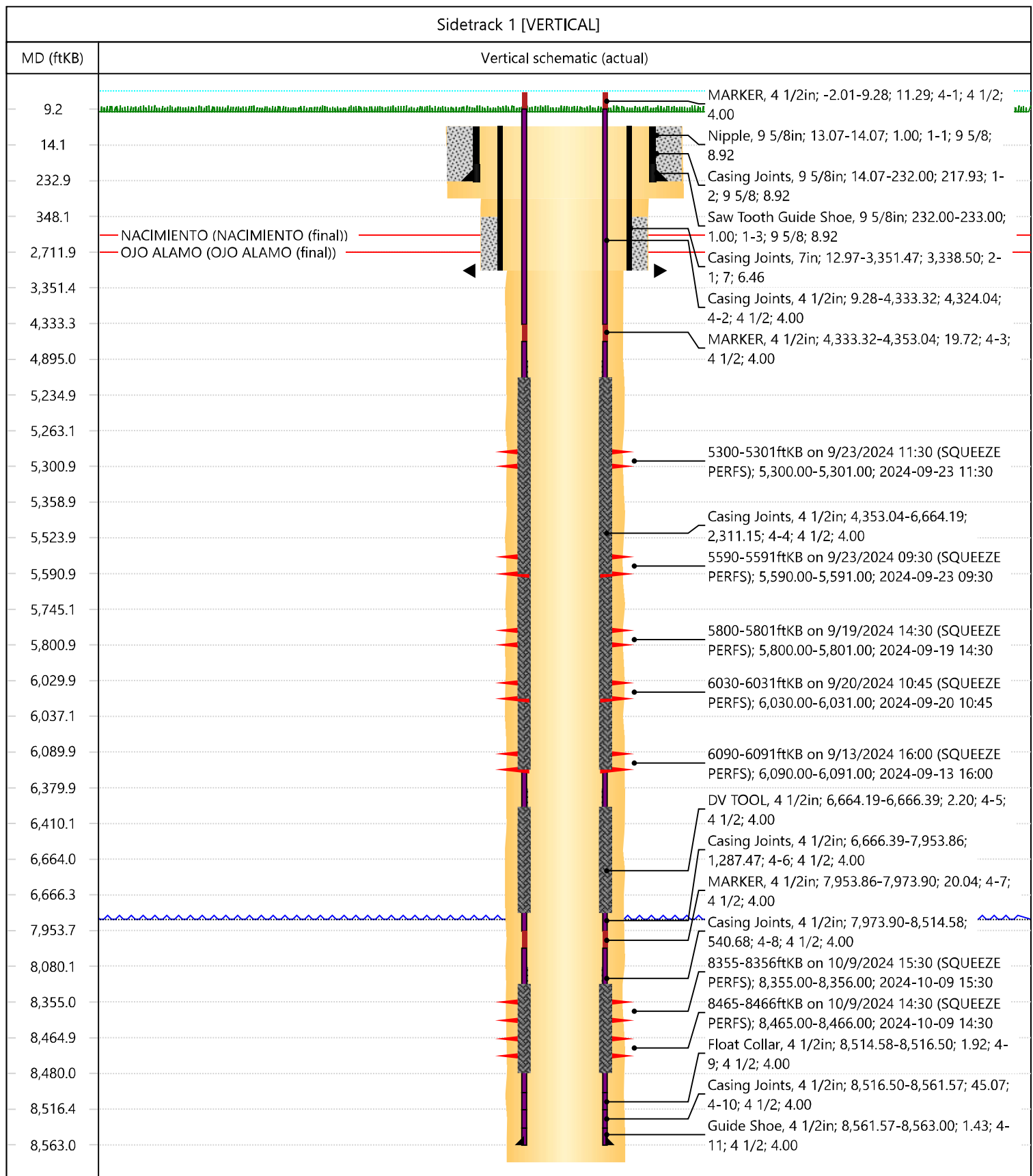
10/24/2024 - SICP-0 PSI (VAC). SIICP-0 PSI (SLIGHT VAC). SIBHP-0 PSI. OPEN WELL. TIH W/ .5" RBP & AS1-X PKR TO 8,180' & SET RBP. TRIP PKR TO 6,570'. CIRC WELL DOWN CSG & UP TBG. SET PKR. MIRU WELL CHECK. PT UNIT, GOOD. CONDUCTED MIT: PKR @ 6,570' & RBP @ 8,180', TEST 4.5" CSG BELOW PKR TO **560 PSI X 30 MIN, TEST GOOD. MIT WITNESSED/PASSED BY JOHN DURHAM, NMOCD.** RDMO WELL CHECK. UNSET PKR & RBP. TOH, LD 2 3/8" L-80 WORK STRING. SISW. SDFN.



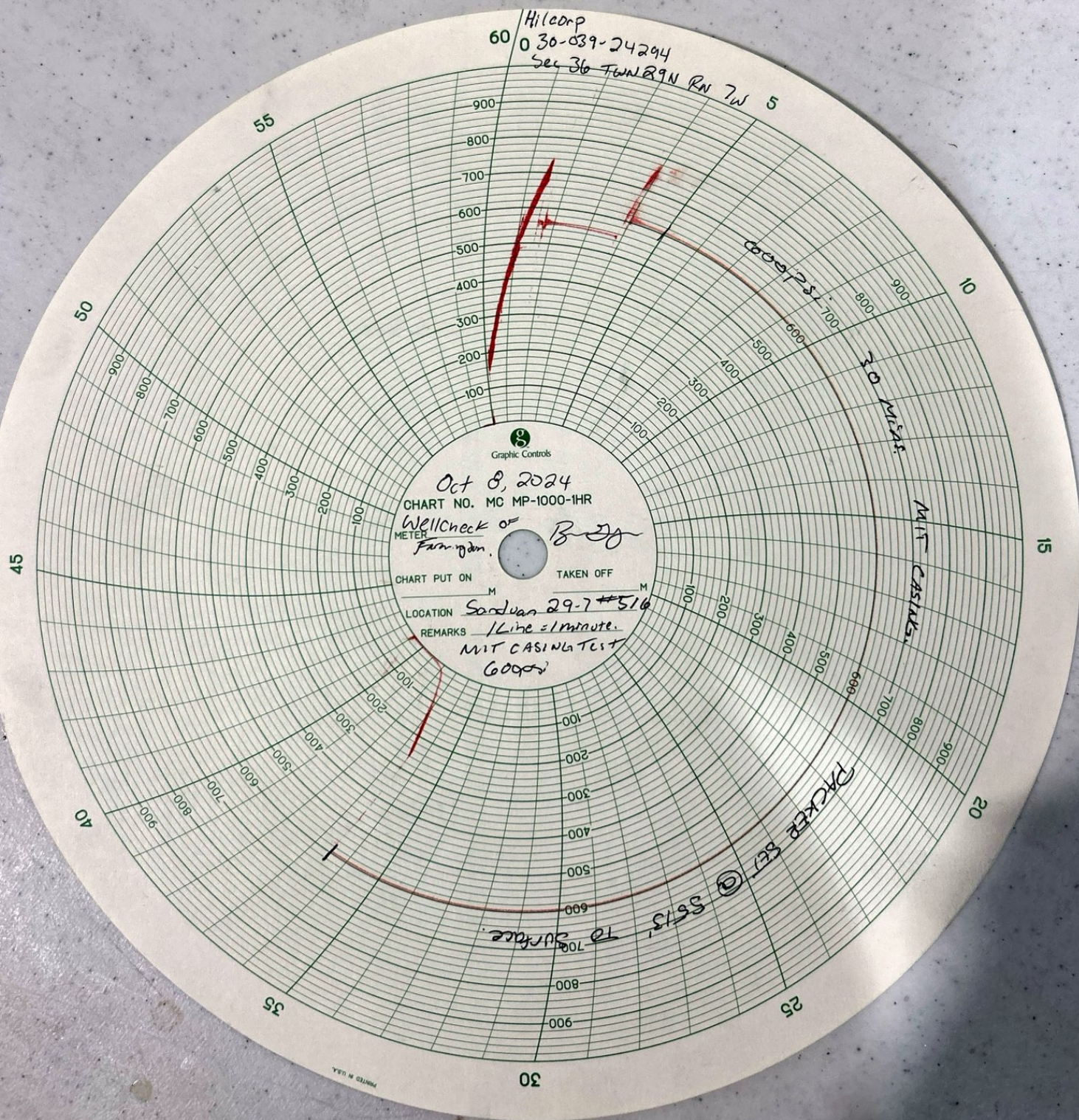
## Current Schematic

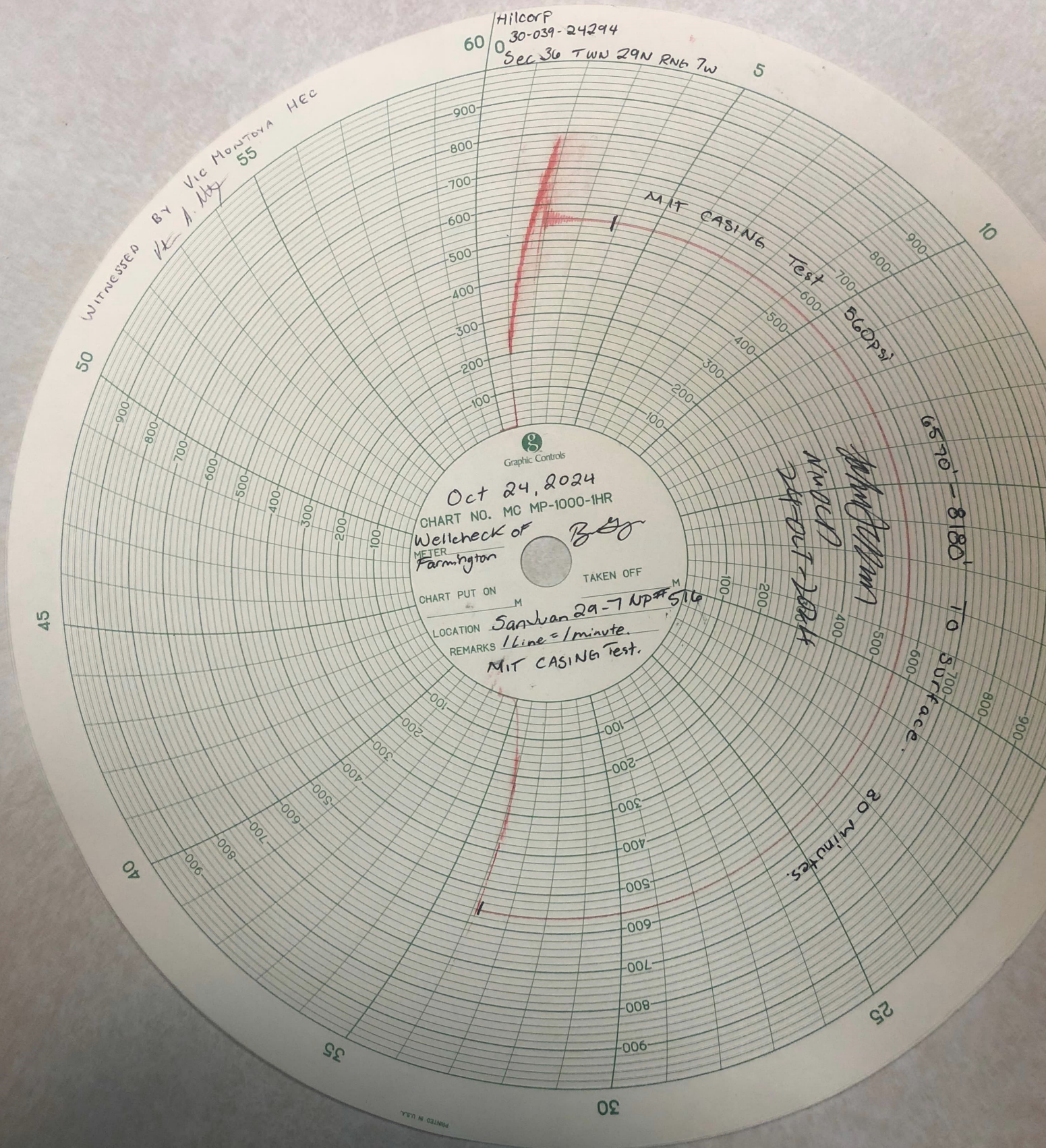
Well Name: SAN JUAN 29-7 UNIT NP #516 ST1

API / UWI 3003924294	Surface Legal Location 036-029N-007W-K	Field Name BASIN (FRUITLAND COAL)	Route 1008	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,816.00	Original KB/RT Elevation (ft) 6,833.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 17.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)



WellViewAdmin@hilcorp.com





Cheryl Weston

---

From: Matthew Esz  
Sent: Friday, October 25, 2024 4:11 PM  
To: Cheryl Weston  
Subject: FW: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

All of the cement approvals for the 516 are included on this email chain.

---

From: Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Sent: Thursday, October 10, 2024 9:30 AM  
To: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

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NMOCD approves attached procedure.

Thank you

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

---

From: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
Sent: Thursday, October 10, 2024 7:34 AM  
To: Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

Good morning,

Today we will be executing the Dakota squeeze work previously approved. We will begin drilling out tomorrow and likely finish that up on Monday. The attached procedure will be the next step after the Dakota sqz work is complete. This procedure is to squeeze the leaking DV tool that was identified during the witnessed MIT. Let me know if you have any questions.

Thanks,  
Matthew Esz

From: Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Sent: Wednesday, October 9, 2024 8:42 AM  
To: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

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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  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

From: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
Sent: Wednesday, October 9, 2024 7:41 AM  
To: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

Good morning,

Update on the current 29-7 NP 516 sidetrack squeeze operations:

- Yesterday we passed a witnessed MIT using a pkr from 5513' to surface (across the previous leaking sqz perf at 5300').
- We failed a witnessed MIT from 6592' to PBTD (DV tool at 6667' previously sqzd is slowly leaking still).

Path forward:

- Today we will begin operations to sqz the Dakota interval utilizing the procedure previously discussed and approved on 10/7.
- After the Dakota sqz is complete and cement is drilled out, I will submit a new sqz procedure to resolve the DV tool leak.
- After everything is drilled out we will retry the witnessed MIT from 6592' to 8174' (Top DK perf).
- Once the witnessed MIT is passed and approved, we will pull the final subsequent CBL for approval.

Let me know if you have any questions. Thank you.

Matthew Esz

---

From: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
Sent: Monday, October 7, 2024 4:33 PM  
To: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

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I approve this procedure.

Ward

---

From: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
Sent: Monday, October 7, 2024 2:05 PM  
To: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

Good afternoon,

We are currently drilling out cement after the previous sqz over the leaking sqz perf at 5300'. We plan on setting gup the witnessed MIT for tomorrow. After we complete that, we would like to pump a circulating in the bottom of the Dakota perforation interval for additional cement coverage. Attached is the procedure for that work. Let me know if you have any questions.

Thanks,  
Matthew Esz

---

From: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
Sent: Tuesday, October 1, 2024 4:28 PM  
To: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

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Matthew-

CBL is much better, go ahead and cement the sqz hole at 5300' and run another CBL and MIT.

Thanks!

Ward

---

From: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
Sent: Tuesday, October 1, 2024 3:10 PM  
To: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

Ward,

The sqz work approved below was completed over the past week. Attached is the CBL pulled today, 10/1, after drilling out retainers and residual cement. At this point, we would like approval to perforate and complete the MV within the interval previously stated: **5500'- 6592'**.

However, during the sqz process, we shot one perforation outside of this proposed interval, at **5300'**. We will need to sqz this perforation to pass the witnessed MIT. That procedure is also attached. Please let me know if you have any questions or concerns, we are planning to complete this work tomorrow.

Thanks,  
Matthew Esz

---

From: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
Sent: Thursday, September 19, 2024 9:52 AM  
To: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

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Approved.

---

From: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
Sent: Thursday, September 19, 2024 8:27 AM  
To: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

Good morning,

Attached is the CBL pulled yesterday 9/18, after the sqz work was completed earlier this week. We were unable to achieve the required TOC. I have attached a new sqz remediation procedure that we're looking to execute starting today. Please review at your earliest convenience and let me know if you have any questions.

Thanks,  
Matthew Esz

---

From: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
Sent: Friday, September 13, 2024 8:58 AM  
To: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Cordero, Gilbert, EMNRD <[Gilbert.Cordero@emnrd.nm.gov](mailto:Gilbert.Cordero@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

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Matthew-

I'm good to go with the proposed remediation.

Ward

---

From: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
Sent: Thursday, September 12, 2024 6:00 PM  
To: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>; Cordero, Gilbert, EMNRD <[Gilbert.Cordero@emnrd.nm.gov](mailto:Gilbert.Cordero@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

Attached is the proposed sqz procedure. The rig is currently on location ready to execute, please review at your earliest convenience.

Stage 1 will be to sqz the leaking DV tool. Stage 2 will be to achieve sufficient cement above the proposed MV perforation interval (150' above top perf = 5350'). Let me know if you have any questions or need any other information.

Thanks,  
Matthew

---

From: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
Sent: Thursday, September 12, 2024 3:46 PM  
To: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Cordero, Gilbert, EMNRD <[Gilbert.Cordero@emnrd.nm.gov](mailto:Gilbert.Cordero@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: RE: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

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Matthew-

It appears that the TOC is around 6300'. Therefore, you can proceed with the Dakota and Mancos completion. Before you can complete the Mesa Verde, you will need to propose a remedial plan.

Ward

---

From: Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
Sent: Thursday, September 12, 2024 2:09 PM  
To: Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>; Cordero, Gilbert, EMNRD <[Gilbert.Cordero@emnrd.nm.gov](mailto:Gilbert.Cordero@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: [EXTERNAL] FW: San Juan 29-7 Unit NP 516, 3003924294

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Ward, please see the attachments and email below. Thanks!

---

From: Matthew Esz  
Sent: Thursday, September 12, 2024 2:47 PM  
To: Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; [Gilbert.Cordero@emnrd.nm.gov](mailto:Gilbert.Cordero@emnrd.nm.gov)

Cc: Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>  
Subject: San Juan 29-7 Unit NP 516, 3003924294

Good afternoon,

Attached is the CBL pulled yesterday, 9/11 on the San Juan 29-7 Unit NP 516 sidetrack. The witnessed MIT has not been completed, we are unable to pass a preliminary MIT and currently searching for the cause of the leak. At this time, we would like approval to complete the below zones based on the CBL. Once the leak has been identified, I will reach out about any remediation work needed and schedule the witnessed MIT so we can move forward with completion.

**Mesa Verde: 5500'-6592'**

**Mancos: 7360'-7900'**

**Dakota: 8174'-8500'**

Let me know if you need anything else. Thanks,

**Matthew Esz**

*Operations Engineer*

San Juan South Asset Team

**Hilcorp Energy Company**

**c: (770) 843-9226**

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While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

---

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**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 396033

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 396033
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
keith.dziokonski	For future submissions, please submit spud, production and remediation together for the full process review. Also please list TOC at end of remediation procedure. (Cement was verified by CBL) Please list starting depth at the beginning of drilling procedure as well. Thank you.	10/29/2024