



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT NP #330 ST1

| | | |
|--------------------------|------------------------------|----------------------|
| API: 3003925522 | Field: BSN (FTLD COAL) #3046 | State: NEW MEXICO |
| Permit to Drill (PTD) #: | Sundry #: | Rig/Service: HEC 101 |

Jobs

Actual Start Date: 9/16/2024 **End Date:**

| Report Number | Report Start Date | Report End Date |
|---------------|-------------------|-----------------|
| 1 | 9/16/2024 | 9/16/2024 |

Operation

TRAVEL TO SAN JUAN 29-7 UNIT NP #512 ST1.

LOAD EQUIP. RIG MOVE SAFETY MEETING. MOB RIG & EQUIP TO SAN JUAN 27-5 NP #330 (29 MILE MOVE). 4 RIG UP TRUCKS.

MIRU RIG & EQUIP. R/U FLOOR AND TUBING HANDLING EQUIPMENT.

PJSM. SICP- 0 PSI, SITP- 0 PSI, SIBHP- 0 PSI. SIICP- 300 PSI. BDW IN 0 MIN.

N/D WELLHEAD AND N/U BOP. FUNCTION TEST BOP. (GOOD)

M/U 3 7/8" STRING MILL/JUNK MILL, TALLY AND TIH W/TBG TO 5206'. TAG PU POWER SWVL, RU PUMP, BEGIN TO CIRCULATE W/WATER, BEGIN TO DRILL OUT CMNT,WIPER PLUG. CIRCULATE CLEAN

SIW, SECURE LOCATION, SDFN.

CREW TRAVEL TO YARD.

| Report Number | Report Start Date | Report End Date |
|---------------|-------------------|-----------------|
| 2 | 9/17/2024 | 9/17/2024 |

Operation

CREW TRAVEL TO LOCATION

HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI) BDW 0 MIN.

PU POWER SWVL, RU PUMP, BEGIN TO CIRCULATE W/WATER, CONTINUE TO DRILL OUT WIPER PLUG. CIRCULATE CLEAN, PU 3 JOINTS, RACK BACK POWER SWVL, TALLY, PU TBG TO 5282' TAG BREAK CIRCULATION CIRCULATE CLEAN. PRESSURE TEST CSG (700PSI), DROPPED 200PSI IN 5 MINUTES, BLEED OFF PRESSURE ATTEMPT TO PRESSURE TEST FAIL AGAIN, NOTIFIED HILCORP ENGINEER, TOOHD LD/ STRING MILL.

PUMU 4.5 (AS1-X) SELECT PACKER, TIH SET AT 5188', TEST DOWN TUBING DV TOOL DOWN TO 6000' (1000PSI), GOOD TEST, RU BACK SIDE TEST (900PSI), GOOD TEST, RELEASE, TOOHD, SET @ 5125' TEST DOWN TUBING (1000PSI) GOOD TEST, TEST DOWN BACK SIDE (900PSI) GOOD TEST, RELEASE PACKER, TOOHD, LD PACKER, LOAD WELLBORE, DUE MOCK (700PSI) TEST (GOOD),

SHUTDOWN, SECURE WELL, DEBRIEF CREW

CREW TRAVEL TO YARD

| Report Number | Report Start Date | Report End Date |
|---------------|-------------------|-----------------|
| 3 | 9/18/2024 | 9/18/2024 |

Operation

CREW TRAVEL TO LOCATION

HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI) BDW 0 MIN.

RU WIRELINE **RUN CBL**, WIRELINE TAG @ 5240', NOTIFIED HILCORP ENGINEER, TOOHD WIRELINE, RIGDOWN WIRELINE, DUE MOCK (600PSI) TEST (GOOD)

RUN MIT, RU WELLCHECK, RUN **MIT TEST ON 4.5" PROD CSG (560 PSI X 30 MIN) WITNESSED BY EILEEN MEDRANO, NMOCD**, RD WELL CHECK, PUMU 3 7/8 STRING MILL, JUNK MILL, TIH, TAG TIGHT SPOT @ 5240 WORK THROUGH TIGHT SPOT, PU TO 5999', NOTIFIED HILCORP ENGINEER, **CALLED 6000' PBD**, CIRCULATE WELL, TOOHD,

SHUTDOWN, SECURE WELL, DEBRIEF CREW

CREW TRAVEL TO YARD

| Report Number | Report Start Date | Report End Date |
|---------------|-------------------|-----------------|
| 4 | 9/19/2024 | 9/19/2024 |

Operation

CREW TRAVEL TO LOCATION

HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI) BDW 0 MIN.

RU WIRELINE **RUN CBL**, RUN NEUTRON LOG, WAIT ON HILCORP ENGINEER FOR ORDERS, MU RUN IN **PERF HOLE @ 5900'/ 5400'**, RIGDOWN WIRELINE,

SHUTDOWN, SECURE WELL, DEBRIEF CREW

CREW TRAVEL TO YARD

| Report Number | Report Start Date | Report End Date |
|---------------|-------------------|-----------------|
| 5 | 9/20/2024 | 9/20/2024 |

Operation

CREW TRAVEL TO LOCATION

HELD PJSM, CREW CHECK PRESSURE CSG (0PSI), TBG (0 PSI) BDW 0 MIN.

PUMU 4.5 (AS1-X) SELECT **PACKER, TIH SET AT 5475'**, RU PUMP DOWN TBG, MAKE SURE TO CIRCULATE DOWN 5900' TO 5400' OUT, CIRCULATE CLEAN, **RELEASE PACKER**, TOOHD, LD PACKER, PUMU 4.5 SELECT CIRC, TIH CIRCULATE MAKE SURE TO CIRCULATE OUT **CICR SET AT 5880'**,

RU DRAKE ENERGY CEMENTERS, PUMPED INJECTION RATE, 4BBLs/ MIN @300 PSI, **PUMP CEMENT: 30 SXS 90:10 TYPE III POZ, 11.1 BBL, 2.15 YLD, 12.5 PPG, .5 GAL/SX. 22 BBLs DISP @ 400 PSI, LD 16 JTS, REVERSE OUT 30 BBLs**, RIGDOWN CEMENT CREW,

| Report Number | Report Start Date | Report End Date |
|---------------|-------------------|-----------------|
| 6 | 9/23/2024 | 9/23/2024 |

Operation

CREW TRAVEL TO LOCATION

HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI) BDW 0 MIN.



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT NP #330 ST1

API: 3003925522

Field: BSN (FTLD COAL) #3046

State: NEW MEXICO

Sundry #:

Rig/Service: HEC 101

Operation

RU PRESSURE TEST TO (600PSI), LOST 400PSI IN 15 SECONDS, BLEED OFF PRESSURE, ATTEMPT TO PRESSURE TEST AGAIN TO 600PSI, LOST 400 PSI IN 15 SECONDS, NOTIFIED HILCORP ENGINEER, CALL SELECT OIL TOOLS TO RUN 4.5 (AS1-X) PACKER, WAIT ON SELECT, PUMU (AS1-X) PACKER, TIH TO 5374' PRESSURE TEST DOWN CASING (600PSI) GOOD TEST, PRESSURE TEST DOWN TUBING DOWN PACKER LEAKED 400PSI IN 15 SECONDS, RELEASED PACKER P/U TO 5437' SET PACKER, TESTED DOWN CASING, LEAKED 400 PSI IN 15 SEC, TESTED DOWN TUBING, HELD 600PSI, RELEASED PACKER MOVED UP TO 5406' SET, TESTED DOWN CASING LEAKED, TESTED DOWN TUBING, HELD 600PSI, NOTIFIED HILCORP ENGINEER, **LEAK IS @ SQUEEZE HOLE 5400'**, RELEASE PACKER,

TOOH, LD (AS1-X) PACKER, TIH TO 5437' **WAIT ON CMNT**,

SHUTDOWN, SECURE WELL, DEBRIEF CREW

CREW TRAVEL TO YARD

Report Number

Report Start Date

Report End Date

7

9/24/2024

9/24/2024

Operation

CREW TRAVEL TO LOCATION

HELD PJSM, CREW CHECK PRESSURE CSG (0PSI), TBG (0 PSI) BDW 0 MIN.

RU DRAKE ENERGY CEMENTERS, PUMPED TO CIRCULATE HOLE, 24 BBLs @ 50 PSI, **PUMP 90:10 TYPE III POZ CEMENT, 30 SXS 11.5 BBL, 2.15 YIELD, 12.5 PPG, .5 GAL/SX, 18.1 BBLs DISP, @ 50PSI**, TOO

TOOH, TO 4333' **REVERSE OUT 24 BBLs, SQUEEZE CMNT 8 BBLs**, SHUT DOWN CMNT AT 750PSI, RIGDOWN, DRAKE CMNT CREW,

SHUTDOWN SECURE WELL

CREW DROVE TO YARD

Report Number

Report Start Date

Report End Date

8

9/25/2024

9/25/2024

Operation

CREW TRAVEL TO LOCATION

HELD PJSM, CREW CHECK PRESSURE CSG (0PSI), TBG (0 PSI) BDW 0 MIN.

PRESSURE TEST (700PSI) GOOD TEST, TOO, W/TBG, PUMU 3 7/8 TRI CONE BIT, TIH TAG CMNT @ 5233'

PU POWER SWIVEL, BEGIN CIRCULATION, DRILL OUT CMNT TO 5435', CIRCULATE CLEAN, PRESSURE TEST TO (600PSI), GOOD TEST, CONTINUE DRILLING CMNT, DRILL OUT TO 5920' FALL THROUGH, PU TO 6000', CIRCULATE CLEAN, **PRESSURE TEST 600 PSI, GOOD TEST**, RACK BACK POWER SWIVEL,

SHUTDOWN SECURE WELL

CREW DROVE TO YARD

Report Number

Report Start Date

Report End Date

9

9/26/2024

9/26/2024

Operation

CREW TRAVEL TO LOCATION

HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI) BDW 0 MIN.

TOOH, LD, 3 7/8 TRI CONE BIT,

RU WIRELINE **RUN CBL**, WAIT ON HILCORP ENGINEER FOR ORDERS, RIGDOWN WIRELINE,

WAIT ON SELECT, PUMU 4.5 (AS1-X) PACKER, TIH TO 2833' TOO, LD UNLOADER, TIH TO 4521' SET, **TEST CASING TO (4000PSI) GOOD TEST**, RD WELL CHECK,

RELEASE (AS1-X) PACKER,

SHUTDOWN, SECURE WELL, DEBRIEF CREW

CREW TRAVEL TO YARD

Report Number

Report Start Date

Report End Date

10

9/27/2024

9/27/2024

Operation

CREW TRAVEL TO LOCATION

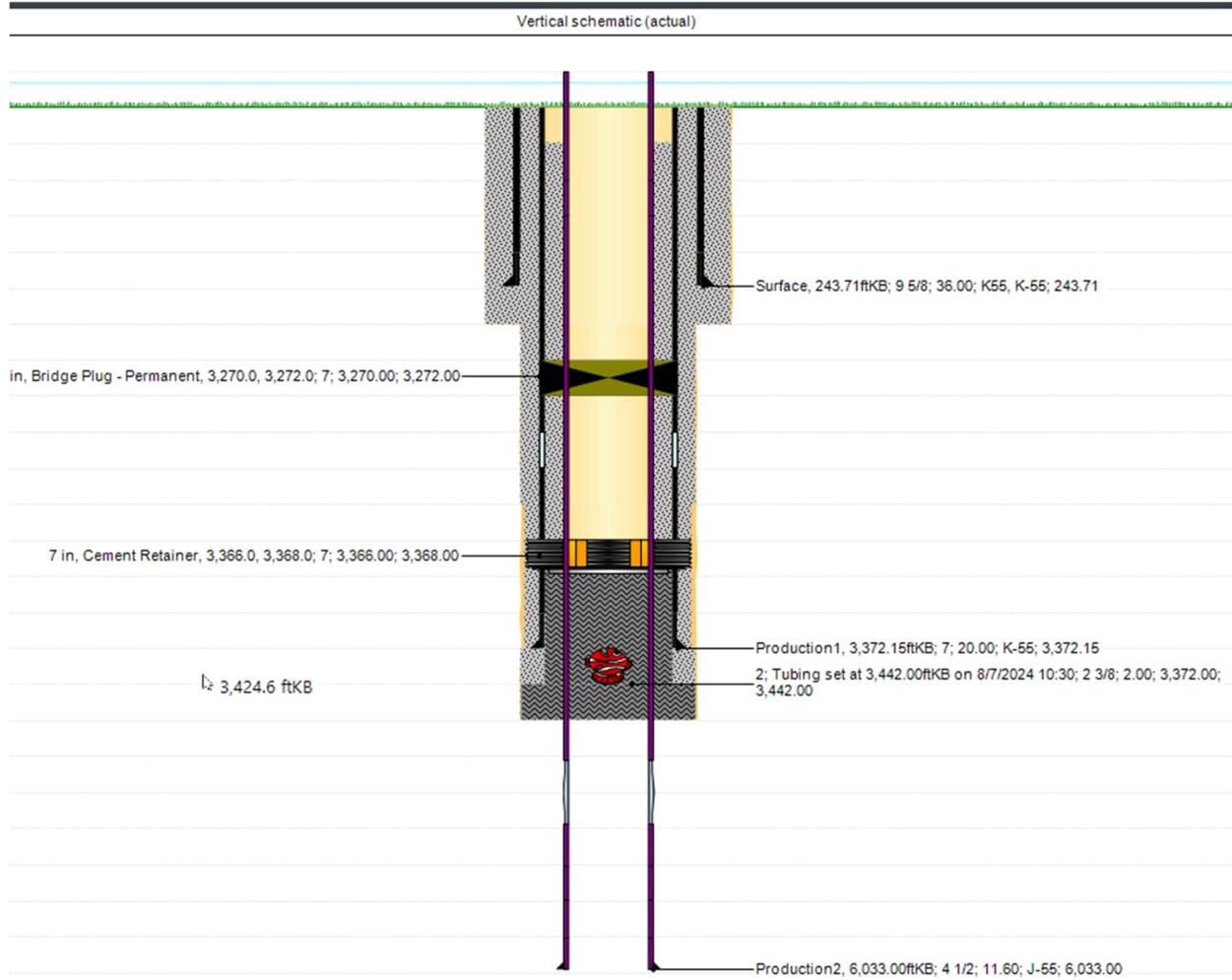
HELD PJSM, CREW CHECK PRESSURE CSG (0 PSI), TBG (0 PSI) BDW 0 MIN.

TOOH, LD TUBING, LD (AS1-X) PACKER, LOAD WELL WITH H2O

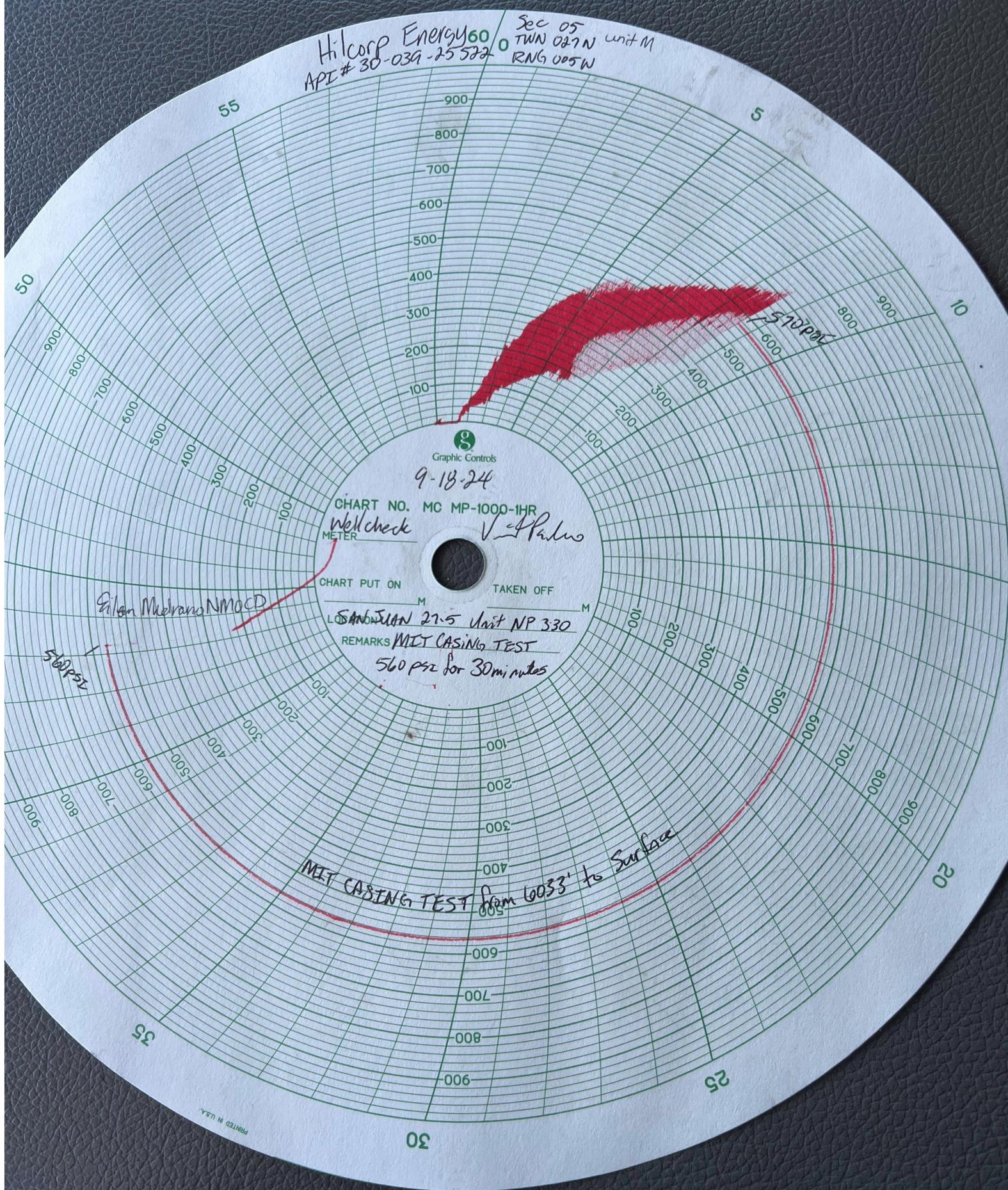
ND BOP NU FRAC STAC, PT INSTALL 2- WAY VALVE PT FRAC STAC TO 4000PSI (GOOD), REMOVE 2-WAY VALVE.

RIGDOWN UNIT, AND PUMP, SHUT IN WELL. LEAVE READY TO FRAC

San Juan 27-5 Unit NP 330 ST
API 30-039-25522



Hilcorp Energy 60
API # 30-039-25522
Sec 05
TWN 027N unit M
RNG 005W



9-18-24

CHART NO. MC MP-1000-1HR

wellcheck

V. P. P. P. P. P.

METER

CHART PUT ON

TAKEN OFF

SAN JUAN 27.5 Unit NP 330

REMARKS MIT CASING TEST

560 psi for 30 minutes

Gilvan Melbrano NMACD

MIT CASING TEST from 6053' to Surface

PRINTED IN U.S.A.

Cheryl Weston

From: Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>
 Sent: Thursday, September 26, 2024 1:51 PM
 To: Bennett Vaughn; Rennick, Kenneth G
 Cc: Farmington Regulatory Techs; Ben Hampton; James Osborn; Ray Brandhurst; Scott Matthews; Matthew Esz; Greg Gandler; Marcus Hill; Blas Enriquez - (C)
 Subject: RE: [EXTERNAL] San Juan 27-5 Unit NP 330 Cement Remediation (API 3003925522)

Follow Up Flag: Follow up
 Flag Status: Flagged

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

Bond looks a lot better. Good to go on the proposed interval.

Ward

From: Bennett Vaughn <Bennett.Vaughn@hilcorp.com>
 Sent: Thursday, September 26, 2024 12:46 PM
 To: Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
 Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; James Osborn <josborn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Matthew Esz <Matthew.Esz@hilcorp.com>; Greg Gandler <Greg.Gandler@hilcorp.com>; Marcus Hill <Marcus.Hill@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>
 Subject: [EXTERNAL] San Juan 27-5 Unit NP 330 Cement Remediation (API 3003925522)

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Afternoon Ward and Kenny,

Attached is our new CBL on the San Juan 27-5 Unit NP 330 (API 3003925522) after pumping that cement remediation job.

We will continue forward with the **previously agreed upon NOI depths of 5,100'-5,980'**.

Let me know if you have any questions.

Thanks,

Bennett Vaughn
Ops Engineer
 San Juan South Asset Team
Hilcorp Energy Company
 o: (346) 237-2195 | c: (281) 409-5066
 e: Bennett.Vaughn@hilcorp.com

Cheryl Weston

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, September 26, 2024 1:53 PM
To: Bennett Vaughn; Ward.Rikala@emnrd.nm.gov
Cc: Farmington Regulatory Techs; Ben Hampton; James Osborn; Ray Brandhurst; Scott Matthews; Matthew Esz; Greg Gandler; Marcus Hill; Blas Enriquez - (C)
Subject: Re: [EXTERNAL] San Juan 27-5 Unit NP 330 Cement Remediation (API 3003925522)

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The BLM finds the proposed perforations appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Bennett Vaughn <Bennett.Vaughn@hilcorp.com>
Sent: Thursday, September 26, 2024 12:45 PM
To: Ward.Rikala@emnrd.nm.gov <Ward.Rikala@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; James Osborn <josborn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Matthew Esz <Matthew.Esz@hilcorp.com>; Greg Gandler <Greg.Gandler@hilcorp.com>; Marcus Hill <Marcus.Hill@hilcorp.com>; Blas Enriquez - (C) <Blas.Enriquez@hilcorp.com>
Subject: [EXTERNAL] San Juan 27-5 Unit NP 330 Cement Remediation (API 3003925522)

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Thanks,

Bennett Vaughn

Ops Engineer

San Juan South Asset Team

Hilcorp Energy Company

o: (346) 237-2195 | **c:** (281) 409-5066

e: Bennett.Vaughn@hilcorp.com

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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
 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 399997

CONDITIONS

| | |
|--|--|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 399997 |
| | Action Type: [C-103] Sub. Drilling (C-103N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------------|--|----------------|
| keith.dziokonski | Report pressure test on next sundry. Include test pressure and duration. | 11/7/2024 |