

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

WELL API NO. 30-045-09671
5. Indicate Type of Lease STATE [ ] FEE [x]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Sam Cooley
8. Well Number 1
9. OGRID Number 372171
10. Pool name or Wildcat Mesaverde

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: Oil Well [ ] Gas Well [ ] Other
2. Name of Operator HILCORP ENERGY COMPANY
3. Address of Operator 382 Road 3100, Aztec, NM 87410
4. Well Location
Unit Letter L 1865 feet from the South line and 1310 feet from the West line
Section 09 Township 30N Range 11W NMPM County San Juan
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5582' GR

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
OTHER: [x] RC WBP (csg leak)

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.

Please see the attached wellbore prep operations that have taken place to date. Approval received to RDMO and return to the well within 30 days to perform a casing patch, with an approved NOI.

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 [Signature] TITLE Operations / Regulatory Technician DATE 7/20/2023

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: 505-324-5122
For State Use Only

APPROVED BY: [ ] TITLE [ ] DATE [ ]
Conditions of Approval (if any):

30-045-09671

FEE

SR RC Wellbore Prep/csg leak

6/27/2023: MIRU. CK PRESSURES (SITP = 450 SICP = 450 BH = 80). ND WH. NU BOP, FT, GOOD TST. TAGGED PBTD @ 6683'. SCAN TBG OOH. SDFN.

6/28/2023: CK PRESSURES (SICP-280, SITP-NA, SIBHP-0). TIH W/MILL T/6440'. LD MILL. TIH W/CIBP & SET @ 6428'. DISPLACE W/102 BBLS H2O & CIRC CLEAN. PT CSG, NO TST. RUN CBL F/6428' T/SURF. SDFN.

6/29/2023: CK PRESSURES (SICP-0, SITP-NA, SIBHP-0). TOP UP HOLE W/4 BBLS H2O. ATTEMPT PT CSG, NO TST. TIH W/PKR & SET @ 4574'. START HOLE HUNTING. CONFIRM GOOD CSG F/SURF T/3883' AND F/4259' T/CIBP @ 6428'. #1 LEAK BETWEEN 3383' & 4103'. #2 LEAK BETWEEN 4103' & 4134'. #3 LEAK BETWEEN 4134' & 4259'. TOO H & LD PKR. SDFN

6/30/2023: CK PRESSURES (SICP-0, SITP-NA, SIBHP-0). **APPROVAL RECEIVED TO PMP BALANCED PLUG.** TIH T/4274'. R/U CEMENTERS. PT LINES T/2500 PSI. BREAK CIRC W/5 BBLS H2O. MIX & PMP BALANCED PLUG W/40 SXS (8.2 BBLS) OF 15.8 PPG, 1.15 YIELD, 5 GPS FW MIX, CLASS G CMT. DISP W/14 BBLS FW. PLUG BTM @ 4274' TOP @ 3759'. TOP UP HOLE W/7BBLS. SQUEEZE 0.9 BBL CMT INTO LEAKS W/900 PSI. NEW TOC CALCULATED @ 3815'. RD CMT CREW. SDFN

7/5/2023: CK PRESSURES (SICP-0, SITP-NA, SIBHP-0). TIH & TAG TOC @ 3844'. PT CSG T/600 PSI, GOOD TST. RU PWR SWVL & CO CMT F/3844' T/4000'. CIRC HOLE CLEAN. ATTEMPT PT, NO TST. TOO H T/3998'. SDFN

7/6/2023: CK PRESSURES (SICP-0, SITP-NA, SIBHP-0). **APPROVAL RECEIVED TO PMP CMT PLUG.** RU CMT CREW. MIX & PUMP 16 SXS (3.9 BBLS) OF 14.6 PPG, 1.37 YLD, TYPE III CMT AND DISPLACE W/14 BBLS FW. SET A 250' PLUG F/4000' T/3750'. TOP UP HOLE W/6 BBL H2O. ABLE TO SQUEEZE 0.75 BBLS INTO LEAK. SDFN.

7/7/2023: CK PRESSURES (SICP-140, SITP-NA, SIBHP-0). **APPROVAL RECEIVED TO PMP ADDITIONAL CMT PLUG.** TIH & TAG TOC @ 3779'. PT CSG ABV CMT PLUG, GOOD TST. DO CMT F/3779' T/4000'. PT CSG F/4000' T/SURF, NO TST. TOO H T/3998'. RU CMT CREW. MIX & PMP 28 SXS 94 BBLS OF 13 PPG, 0.8 YLD, ULTRAFINE CMT. DISP W/14.5 BBLS H2O. TOP UP HOLE W/6 BBLS H2O & PRESSURES UP T/1300 PSI. RD CMT CREW. WOC. SDFN.

7/9/2023: CK PRESSURES (SICP-950 SITP-NA, SIBHP-0). TIH & TAG TOC @ 3737'. PT CSG AGAINST CMT PLUG, GOOD TST. CO CMT STRINGERS F/3737' T/3769'. CO SOLID CMT F/3769' T/4000'. CIRC CLEAN. PT CSG, NO TST. SDFN.

7/10/2023: CK PRESSURES (BH 0 PSI PROD CSG 0 PSI TBG 0 PSI). PU PKR & HOLE HUNT. SDFN.

7/11/2023: CK PRESSURES (SICP-0, SITP-0, SIBHP-0). CONT HOLE HUNTING W/PKR. GOOD CSG F/3692' T/SURFACE & F/3925' T/3911'. CSG LEAKING F/4000' T/3925' & F/3911' T/3692'. RELEASE & TOO H W/PKR AND RBP. TIH & TAG TOC @ 4000'. DO CMT F/4000' T/4078'. CIRC HOLE CLEAN. SDFN

7/12/2023: CK PRESSURES (SICP-0, SITP-NA, SIBHP-0). DO CMT F/4078 T/4290'. CIRC CLEAN. TIH W/MILL T/4570'. RUN CALIPER LOG F/6403' T/SURF. SDFN

7/13/2023: CK PRESSURES (SICP-0, SITP-NA, SIBHP-0). TIH & SET PKR @ 4560'. PERFORM MIT BETWEEN PKR @ 4560' & CIBP @ 6428'. TST WITNESSED AND PASSED BY CLARENCE SMITH/NMOCD. RELEASE PKR TOO H. SDFN.

7/18/2023: CK PRESSURES (SICP-0, SITP-NA, SIBHP-0). RIH W/SCBP & SET @ 4585', RIH & SET CBP @ 4050' PLUG NOT ON DEPTH. TIH & TAG @ 4050'. TIH W/REPLACEMENT CBP & TAG FIRST CBP @ 4583' ON TOP OF SCBP @ 4585'. **SET CBP @ 4048'**. TAG & CONFIRM ET DEPTH, GOOD. TOP UP HOLE W/10 BBLS H2O SET PKR @ 4039', PT T/600 PSI F/30 MINS. SDFN. **APPROVAL TO SET BP @ 4050' AND REMEDIATE W/CSG PATCH RECEIVED.**

7/19/2023: CK PRESSURES (SICP-0, SITP-0, SIBHP-0). TIH W/PKR & SET @ 3684'. PERFORM MIT F/3684' T/SURF T/580 PSI F/30 MINS. TST WITNESSED & PASSED BY MONICA KUEHLING/NMOCD. WATER DRIBBLING F/BH. RDRR. **RECEIVED APPROVAL TO RDMO AND WAIT FOR CSG PATCH, MUST BE BACK ON WELL W/I 30 DAYS.**

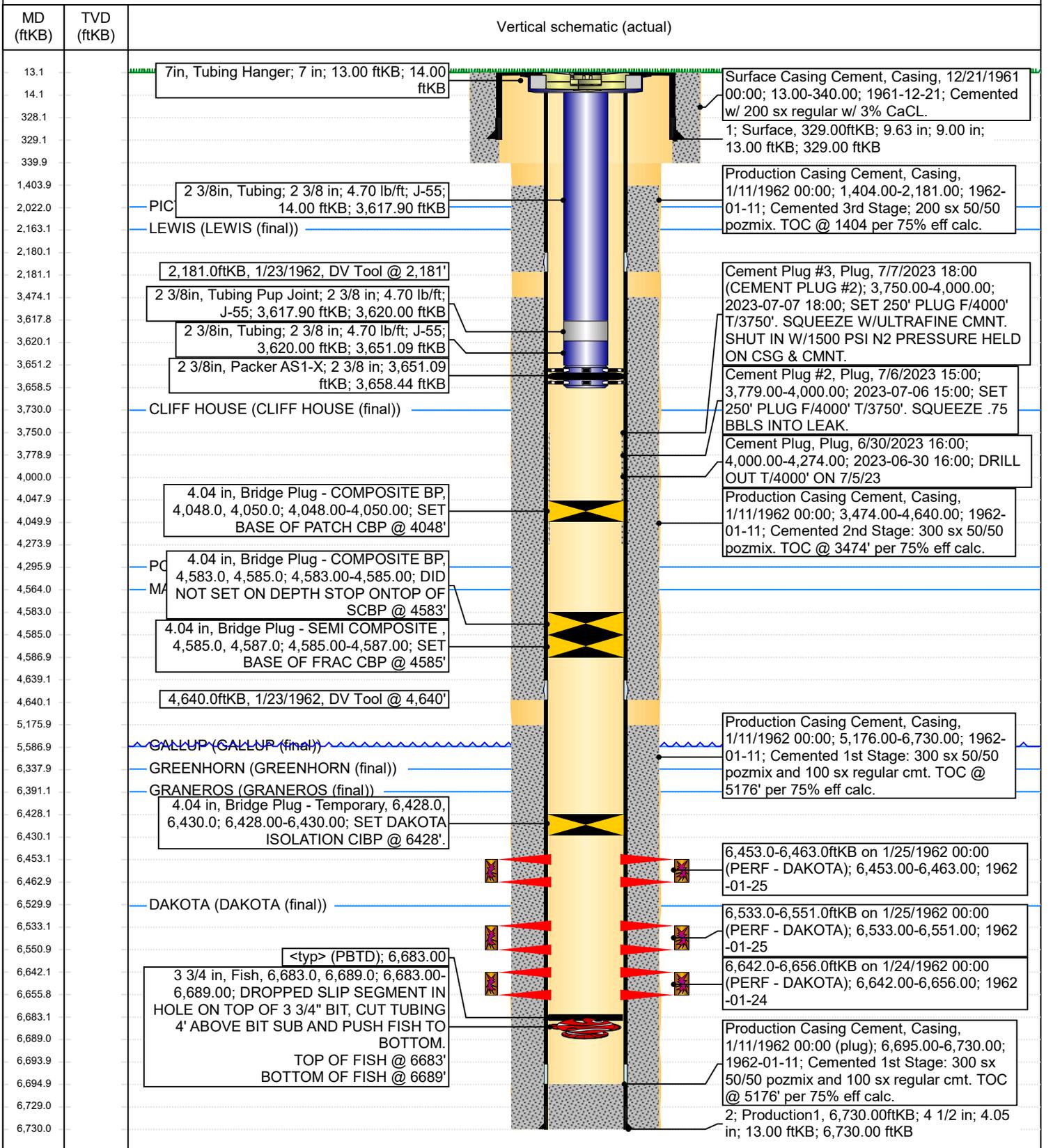


### Current Schematic - Version 3

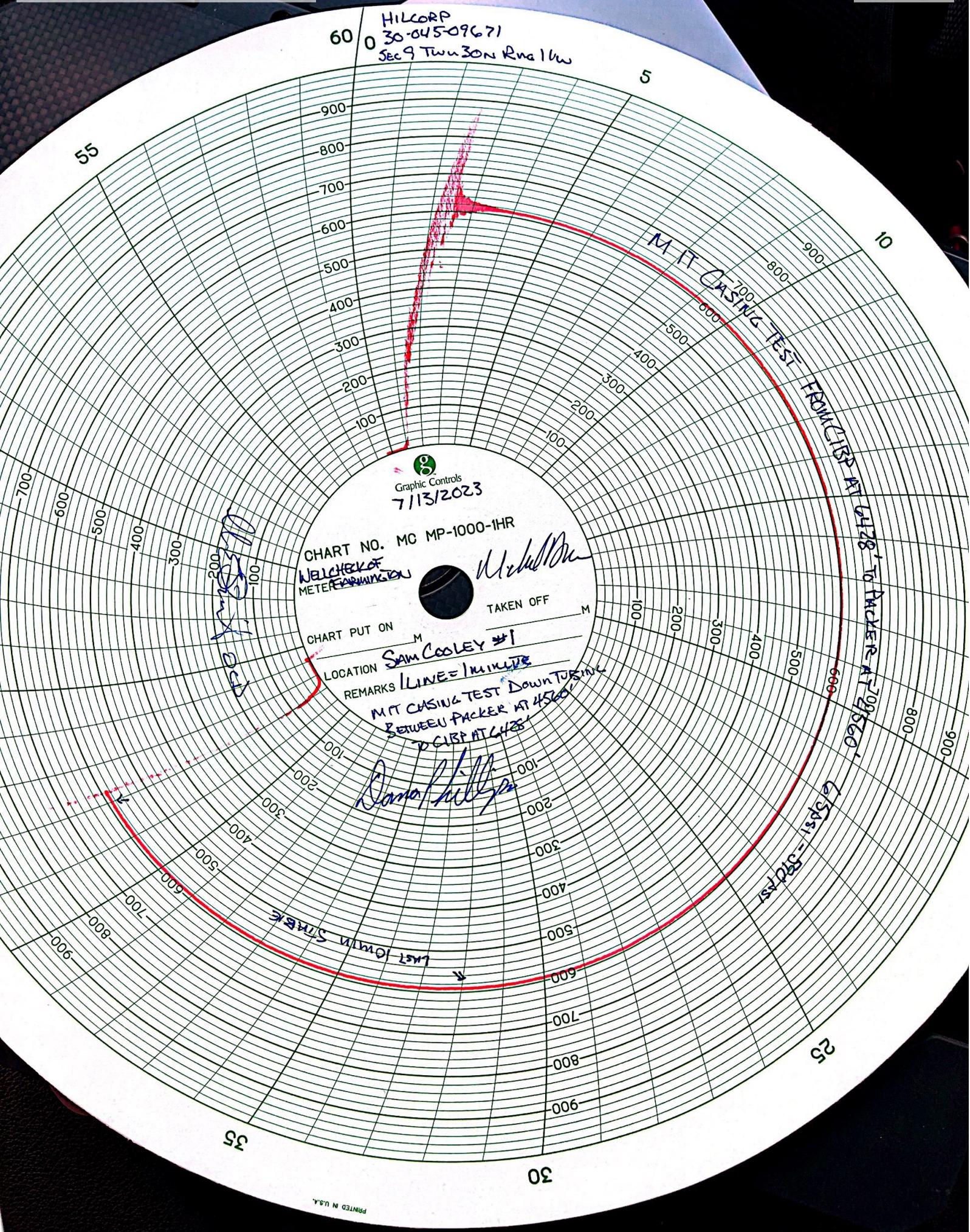
Well Name: SAM COOLEY #1

API / UWI 3004509671	Surface Legal Location 009-030N-011W-L	Field Name DK	Route 0307	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,582.00	Original KB/RT Elevation (ft) 5,595.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

### Original Hole [Vertical]



60 0 HILCORP  
30-045-09671  
Sec 9 Twn 30N Rng 1W



Graphic Controls  
7/13/2023  
CHART NO. MC MP-1000-1HR  
WELCHER OF METEOR FARMING CO  
TAKEN OFF  
M  
CHART PUT ON  
M  
LOCATION SAM COOLEY #1  
REMARKS LINE = 1 INCH  
MT CASING TEST DOWN TO 100' BETWEEN PACKER AT 4560' TO CLIP AT 428''  
Dana Phillips

M-T CASING TEST FROM TEST AT 4128' TO PACKER AT 29560'  
6/5/21 - 580 PSI

LAST DOWN STROKE

WELCHER OF METEOR FARMING CO

PRINTED IN U.S.A.

**B.O.P. TEST**  
Office: (505) 327-9255 • Fax (505) 327-9255  
P.O. Box 90 • Farmington, NM 87499  
Ticket No. **6747**

**HECK**  
FARMINGTON

7-19-2022

To: Factor

Hilcorp  
9-30-11  
30-045-09671

Casing dropped 5 psi at end  
Manna Cushing  
Hi a needs to be back  
on the 40 days  
all rods to surface  
water on BH.  
3658 7-19-23

*Dana Phillips*

Graphic Controls

CHART NO. **07-19-2023**  
**MC MP-1000-1HR**

CHART PUT ON M TAKEN OFF M

LOCATION **Sam Cooley #1 DK**

REMARKS **1 line = 1 run, 1 line 2023**

**TP Packer set 3658**

40

900  
800  
700  
600  
500  
400  
300  
200  
100

35

30

25

20

Ex	
Mileage	
Rentals	
Anti-Freeze	
neous	

Mandi Walker

---

From: Kuehling, Monica, EMNRD  
Sent: Wednesday, July 19, 2023 10:58 AM  
To: Amanda Atencio; Rennick, Kenneth G; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

NMOCD approval given – I will be on site for mit – please include chart from this test in sundry requested earlier for anything performed on this well up to this point.

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District

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From: Amanda Atencio  
Sent: Wednesday, July 19, 2023 9:55 AM  
To: Rennick, Kenneth G ; Kuehling, Monica, EMNRD; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

Thank you. We will submit Sundry with work performed and NOI with detailed plans for repair.

Also, verbal approval given by Monica Kuehling (via phone conversation with wellsite supervisor/Tex Phillips) to set our packer at 3656' to isolate leaks, land the tubing string in the tubing hanger, and MIT the casing annulus from 3656' to surface. We will RDMO temporarily and return on 7/31/23 to resume casing remediation.

---

From: Rennick, Kenneth G  
Sent: Wednesday, July 19, 2023 9:16 AM  
To: Kuehling, Monica, EMNRD ; Amanda Atencio ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: Re: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

Thank you for the update, Amanda. BLM finds the plan appropriate. Please note Monica Kuehling's email.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office

From: Kuehling, Monica, EMNRD  
Sent: Wednesday, July 19, 2023 7:51 AM  
To: Amanda Atencio ; Rennick, Kenneth G ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

---

Amanda

Since the rig is moving off – please submit sundry that includes all work performed up to this point.

An NOI is required to be submitted with detailed information of plans for repair. Include emails with approvals for patch and time limit.

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District

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From: Amanda Atencio  
Sent: Wednesday, July 19, 2023 6:34 AM  
To: Kuehling, Monica, EMNRD ; Rennick, Kenneth G ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

Good morning all,

Please be advised that due to a delay in crew availability to run the patch – we plan to rig down and move off today. Before moving off – we will set a packer above our top leak and MIT from there to surface. Once crews are available (expecting end of month) we will move back on and proceed with casing remediation as approved. Please let us know if any questions.

Thank you,

## Amanda Atencio

Operations Engineer – SJN  
Hilcorp Energy Company

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From: Kuehling, Monica, EMNRD  
Sent: Tuesday, July 18, 2023 10:43 AM  
To: Amanda Atencio Rennick, Kenneth G ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

NMOCD approval is given to use a patch for repair.

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District

---

From: Amanda Atencio  
Sent: Tuesday, July 18, 2023 9:38 AM  
To: Kuehling, Monica, EMNRD ; Rennick, Kenneth G; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

Monica - If and when we need to plug, we would run an expendable plug through the patch, set it in the casing below the patch, and plug and cement per OCD/BLM requirements.

---

From: Kuehling, Monica, EMNRD  
Sent: Tuesday, July 18, 2023 10:27 AM  
To: Amanda Atencio ; Rennick, Kenneth G ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

Amanda

How will you handle the patch if and when the well is plugged.

Monica

---

From: Amanda Atencio  
Sent: Tuesday, July 18, 2023 7:26 AM  
To: Rennick, Kenneth G ; Kuehling, Monica, EMNRD ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

Good morning Monica, Kenny, and Matthew,

Regarding the Sam Cooley 1 - Rather than rigging down, we would like to request approval to remediate the casing with a casing patch. We are proposing to set a temporary bridge plug at 4,050' to pressure test against, set a casing patch from 3,640' – 4,010' to remediate the leaking interval, then MIT the upper portion of the casing (from 4050' to surface). Once we get a passing MIT, we will drill out the plug at 4050', then continue with recompleat operations. Please let us know if we may proceed with casing remediation as described.

Thank you kindly,

**Amanda Atencio**

Operations Engineer – SJN  
Hilcorp Energy Company

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From: Rennick, Kenneth G  
Sent: Monday, July 17, 2023 9:29 AM  
To: Kuehling, Monica, EMNRD ; Amanda Atencio ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: Re: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

The BLM finds the proposal to rig down, remediate later, appropriate. Please note the email from Monica Kuehling.

Kenny Rennick

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office

From: Kuehling, Monica, EMNRD  
Sent: Monday, July 17, 2023 8:19 AM  
To: Amanda Atencio ; Rennick, Kenneth G ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

---

Amanda

This well now falls under the defective casing rule 19.15.16.11 DEFECTIVE CASING OR CEMENTING: in part states proceed with diligence to use the appropriate method and means to eliminate the hazard.

This well also sets next to the river.

You will need to isolate casing leak prior to pulling off – an MIT will need to be performed above and below casing leak with a witness from this office.

90 days does not apply – plan of action is required in 30 days – once plan of action received and approved Hilcorp Energy needs to proceed with diligence.

Please notify me when plan of action is submitted.

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District

---

From: Amanda Atencio <  
Sent: Monday, July 17, 2023 6:28 AM  
To: Rennick, Kenneth G ; Kade, Matthew H ; Kuehling, Monica, EMNRD  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

Good morning Monica, Kenny, and Matthew,

After pumping the third cement squeeze, we have not been able to remediate the casing successfully with cement. As such, we would like to request approval to rig down until we can formulate a remediation plan.

Thank you,

**Amanda Atencio**

Operations Engineer – SJN  
Hilcorp Energy Company

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From: Rennick, Kenneth G  
Sent: Friday, July 7, 2023 3:36 PM  
To: Amanda Atencio; Kade, Matthew H ; Kuehling, Monica, EMNRD  
Cc: Mandi Walker  
Subject: Re: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

Thank you for the information, Amanda. The BLM finds the proposal appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office

From: Amanda Atencio  
Sent: Friday, July 7, 2023 2:33 PM  
To: Kade, Matthew H ; Kuehling, Monica, EMNRD ; Rennick, Kenneth G  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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Good afternoon,

Regarding the Sam Cooley 1 cement squeeze - after drilling out to 4000' – we found that still have a slow leak coming from the same interval (3883' - 4000'). Please be advised that we will attempt to squeeze off the leak again by pumping another cement plug from 3750' – 4000'.

Thank you,

**Amanda Atencio**

Operations Engineer – SJN  
Hilcorp Energy Company

---

From: Kade, Matthew H  
Sent: Thursday, July 6, 2023 8:46 AM  
To: Kuehling, Monica, EMNRD ; Amanda Atencio ; Rennick, Kenneth G  
Cc: Mandi Walker  
Subject: Re: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

The BLM finds the proposal appropriate and approves. Please include this email conversation in the subsequent report.

Thanks,

*Matthew Kade*  
Petroleum Engineer  
BLM - Farmington Field Office

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From: Kuehling, Monica, EMNRD  
Sent: Thursday, July 6, 2023 6:34 AM  
To: Amanda Atencio ; Rennick, Kenneth G ; Kade, Matthew H

Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

NMOCD approves cement squeeze below. Please include all email chains in subsequent

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District

---

From: Amanda Atencio  
Sent: Thursday, July 6, 2023 6:21 AM  
To: Kuehling, Monica, EMNRD ; Rennick, Kenneth G ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

Good morning Monica, Kenny, and Matthew,

After drilling out cement to 4000', we attempted to pressure test the casing and found that we still have a leak between 3883' and 4000'. We would like to request approval to pump an additional cement plug from 3750' – 4000' to squeeze off the leak. After cement is set we will again drill out to 4000' to MIT the upper portion of the casing. Please let us know if we may proceed with cement.

Thank you,

**Amanda Atencio**  
Operations Engineer – SJN  
Hilcorp Energy Company

---

From: Amanda Atencio  
Sent: Wednesday, July 5, 2023 11:06 AM  
To: Kuehling, Monica, EMNRD  
Cc: Mandi Walker ; Dana Phillips - (C)  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

Got it. We will pressure test from 4000' to surface, then from 4560' to the CIBP.

Thank you,

**Amanda Atencio**

Operations Engineer – SJN  
Hilcorp Energy Company

---

From: Kuehling, Monica, EMNRD  
Sent: Wednesday, July 5, 2023 10:29 AM  
To: Amanda Atencio  
Cc: Mandi Walker <; Dana Phillips - (C)  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

Amanda

A pressure test will need to be performed from bottom of approved perforating area to cibp.

Engineering call on packer depth should be 4560

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District

---

From: Kuehling, Monica, EMNRD  
Sent: Friday, June 30, 2023 12:10 PM  
To: Amanda Atencio  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

NMOCD approves balanced plug across leaking interval from 3759-4274

Please include schematic and email chain in subsequent.

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District

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From: Amanda Atencio  
Sent: Friday, June 30, 2023 10:16 AM  
To: Kuehling, Monica, EMNRD  
Cc: Mandi Walker  
Subject: RE: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

Monica – per our verbal conversation, we will proceed with cement remediation by pumping a 515' balanced plug across the leaking interval (from 3759'-4274').

The distance between the top of the Gallup and the bottom of the Mesaverde is 1023'. Current schematic is attached for reference.

Thank you!

## Amanda Atencio

Operations Engineer – SJN  
Hilcorp Energy Company

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From: Rennick, Kenneth G  
Sent: Friday, June 30, 2023 7:35 AM  
To: Amanda Atencio ; Kuehling, Monica, EMNRD ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: Re: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

The BLM finds the proposal appropriate. A NOI is not required due to work has already been approved for that interval, no formation is being plug backed.

Please include this email conversation in the subsequent report.

Kenny Rennick

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office

---

From: Amanda Atencio  
Sent: Friday, June 30, 2023 6:07 AM  
To: Kuehling, Monica, EMNRD ; Rennick, Kenneth G ; Kade, Matthew H  
Cc: Mandi Walker  
Subject: [EXTERNAL] Sam Cooley 1 (API: 3004509671)

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

Good morning Monica, Kenny, and Matthew,

During recomplete operations on the Sam Cooley 1 – we identified casing leaks from 3883-4103, 4104-4134', and 4134-4259'. We would like to request approval to pump a balanced cement plug across this interval to remediate the leak.

Please note that the NOI approved perforation interval is from 4000' - 4560'. Being as the majority of the leaking interval is within the approved zone – we are requesting to only drill out the balanced plug to the top of the approved interval at 4000' before performing our MIT. Once we have a passing MIT, we will drill out the remainder of the plug.

Please let us know if you have any questions and if we may proceed with the above.

Thank you,

**Amanda Atencio**

Operations Engineer – SJN  
Hilcorp Energy Company

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 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 242716

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 242716
	Action Type: [C-103] Sub. Workover (C-103R)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	None	7/20/2023