

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: SAN JUAN 29-5 UNIT	Well Location: T29N / R5W / SEC 9 / NENE / 36.744507 / -107.356247	County or Parish/State: RIO ARRIBA / NM
Well Number: 102	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080179	Unit or CA Name: SAN JUAN 29-5 UNIT--PC	Unit or CA Number: NMNM78415C
US Well Number: 3003922468	Well Status: Abandoned	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2772152

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/26/2024

Time Sundry Submitted: 03:11

Date Operation Actually Began: 01/22/2024

Actual Procedure: Hilcorp Energy Company plugged and abandoned the subject well on 1/25/2024 per the attached report.

SR Attachments

Actual Procedure

SJ_29_5_UNIT_102_SR_20240126151036.pdf

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US Well Number: 3003922468

Well Status: Abandoned

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: PRISCILLA SHORTY

Signed on: JAN 26, 2024 03:11 PM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Technician

Street Address: 382 ROAD 3100

City: AZTEC

State: NM

Phone: (505) 324-5188

Email address: PSHORTY@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: 01/29/2024

Signature: Matthew Kade

SAN JUAN 29-5 UNIT 102

30.039.22468

PLUG AND ABANDON

1/22/2024 – MIRU. SITP: 0 PSI, SICP: 540 PSI, SIBH: 0 PSI. BDW 2 MIN. ND WH, NU BOPE, RU FLOOR, FUNCTION TEST RAMS. RU WIRELINE AND SET 2-7/8" CIBP AT 3703'. RD WIRELINE. TIH, LOAD AND CIRC WELL CLEAN. ATTEMPT TO MIT, FAILED TEST. EST INJ RATE AT ½ BPM AT 300 PSI. SDFN.

1/23/2024 - SITP: 0 PSI, SICP: 0 PSI, SIBH: 0 PSI. TOO H W/ 1-1/4" TBG. RIG UP WIRELINE AND RUN CBL. HEC ENGINEER SENT KENNY RENNICK, BLM, AND MONICA KUEHLING, NMOCD, AN EMAIL REQUESTING APPROVAL TO PUMP A BALANCE PLUG FOR PLUG #2 IF ESTABLISHING AN INJECTION RATE IS UNSUCCESSFUL AND A BALANCE PLUG FOR PLUG #3. BLM APPROVED THE REQUEST, NMOCD APPROVED WITH THE EXCEPTION OF RUNNING A CIBP AT 187'. PUMP PLUG #1, BALANCED PLUG W/ 22 SX TYPE 3 CMT 14.6# 5.2 BBLS OF SLURRY, 1.37 YIELD, 3.4 BBLS OF MIX WATER. DISPLACE W/ 5 BBLS OF WATER. TOO H, LD 29 JTS TO 2758', REVERSE OUT, ¼ BBL OF CMT RETURNED. TOO H. SDFN.

1/24/2024 - SITP: 0 PSI, SICP: 0 PSI, SIBH: 0 PSI. TIH AND TAG PLUG #1 AT 2815'. WITNESSED BY MONTY GOMEZ, BLM. TOO H. RU WIRELINE, PERFORATE 2-7/8" CSG AT 2114', 6 HOLES. RIH AND SET 2-7/8" CMT RETAINER AT 2064'. PU STINGER AND TIH, STING INTO RETAINER, EST INJ RATE ½ BPM AT 500 PSI. PUMP CEMENT PLUG #2: OUTSIDE PLUG BELOW RETAINER W/ 25 SX TYPE 3 CMT, 14.6# 5.9 BBLS SLURRY, 1.37 YIELD. DISPLACE W/ 3.9 BBLS OF WATER. STING OUT OF RETAINER. MIX AND PUMP INSIDE PLUG W/ 8 SX TYPE 3 CMT. 14.6# 1.7 BBLS SLURRY, 1.37 YIELD W/ 1-1/2% OF CACL2. TOO H, REVERSE OUT AT 1615'. TOO H. WOC. TIH DID NOT TAG CMT. TAG CMT RETAINER AT 2064'. HEC ENGINEER NOTIFIED KENNY RENNICK, BLM, AND MONICA KUEHLING, NMOCD, THAT AFTER WOC ON PLUG #2, THE CICR WAS TAGGED AT 2064'. BOTH GAVE VERBAL APPROVAL TO SET CIBP AT 2060' AND PUMP A 100' BALANCED PLUG. SDFN.

1/25/2024 - SITP: 0 PSI, SICP: 0 PSI, SIBH: 0 PSI. TOO H W/ TBG. RU WIRELINE, RUN GAUGE RING TO CICR AT 2064'. RIH AND SET 2-7/8" CIBP AT 2060'. TIH W/ TBG, TAG CIBP AT 2060', PUMP PLUG #2: MIX AND PUMP INSIDE PLUG W/ 4 SX TYPE 3 CMT. 14.6# 1.7 BBL SLURRY 1.37 YIELD W/ 1-1/2% CACL2. TOO H. REVERSE OUT AT 1840'. WOC. TIH AND TAG CMT AT 1853'. TOO H. RIH AND SET CIBP AT 187'. PUMP PLUG #3: MIX AND PUMP INSIDE PLUG W/ 5 SX TYPE 3 CMT. 14.6# 1.5 BBLS SLURRY 1.37 YIELD W/ 1-1/2% OF CACL2. GOOD CMT TO SURFACE. RD FLOOR, ND BOPE. CUT OFF WH AND WELD ON DRY HOLE MARKER. CMT SURFACE CSG USING 1" POLY PIPE. MIX AND PUMP 64 SX TYPE 3 CMT, 14.6# 12 BBLS SLURRY 1.37 YIELD W/ 1-1/2% CACL2. TOP OFF CSG AND FILL CELLAR W/ 2 BBLS CMT. MONTY GOMEZ, BLM, ON LOCATION DURING OPERATIONS. RD RR.

WELL WAS PLUGGED AND ABANDONED ON 1/25/2024.

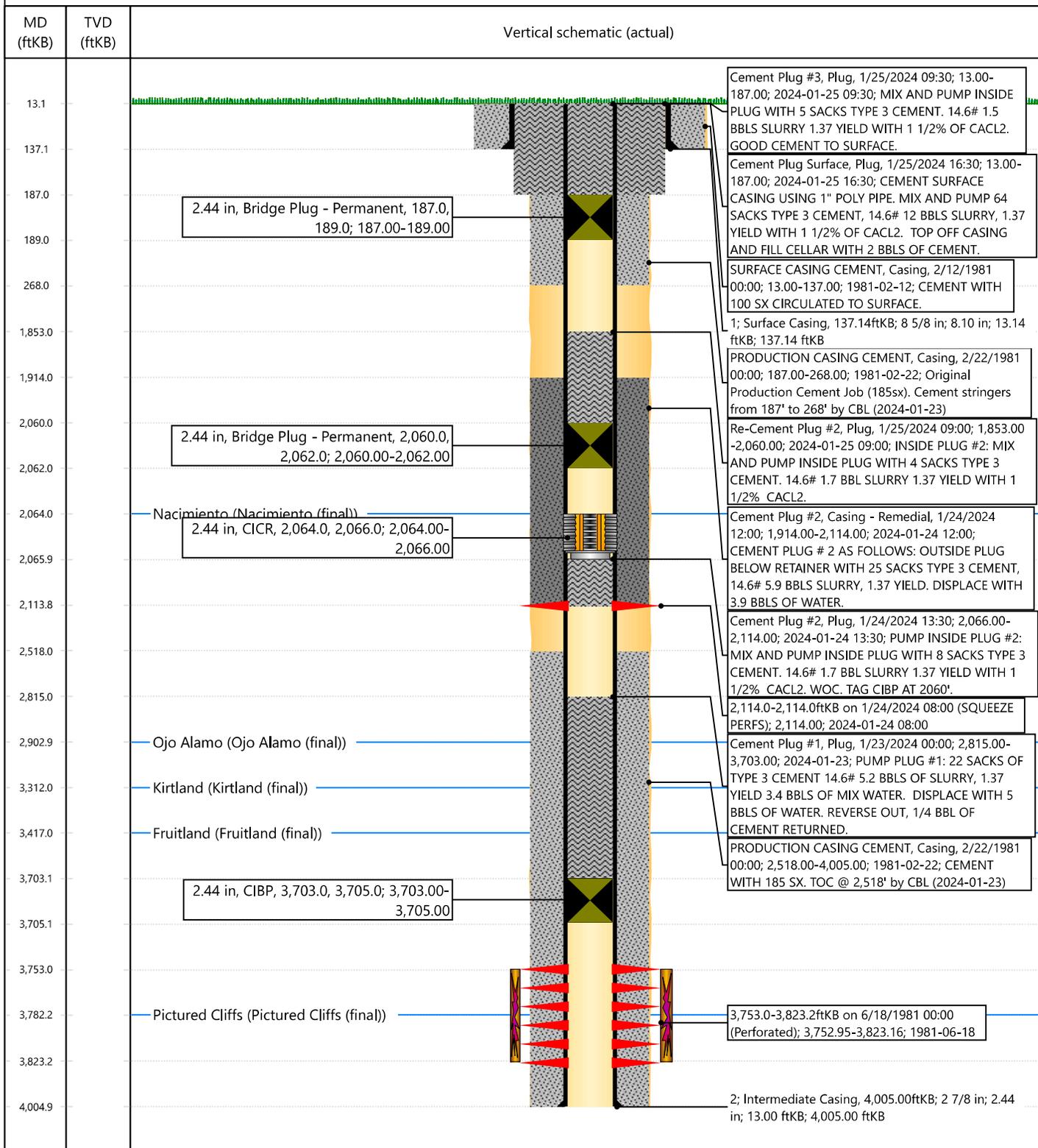


Current Schematic - Version 3

Well Name: SAN JUAN 29-5 UNIT #102

API / UWI 3003922468	Surface Legal Location 009-029N-005W-A	Field Name PC	Route 1208	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,797.00	Original KB/RT Elevation (ft) 6,810.00	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [Vertical]



Priscilla Shorty

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, January 25, 2024 7:34 AM
To: Rennick, Kenneth G; John LaMond; Priscilla Shorty; Kade, Matthew H
Cc: Farmington Regulatory Techs; Max Weaver; Clay Padgett; Lee Murphy; Rustin Mikeska; Ben Mitchell; Joe McElreath - (C); Amanda Atencio
Subject: RE: [EXTERNAL] NOI Request for Hilcorp's San Juan 29-5 Unit 102 (API # 300392246800) P&A Procedure

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NMOCD approves with a woc and tag

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

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, January 25, 2024 6:30 AM
To: John LaMond <jlamond@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>
Subject: Re: [EXTERNAL] NOI Request for Hilcorp's San Juan 29-5 Unit 102 (API # 300392246800) P&A Procedure

To confirm, the BLM finds the proposed procedure appropriate.

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From: John LaMond <jlamond@hilcorp.com>
Sent: Wednesday, January 24, 2024 9:22:28 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>; Amanda Atencio

<Amanda.Atencio@hilcorp.com>

Subject: RE: [EXTERNAL] NOI Request for Hilcorp's San Juan 29-5 Unit 102 (API # 300392246800) P&A Procedure

Good evening Kenny and Monica,

As discussed on the phone, we were successful at establishing an injection rate and moved forward with pumping Plug #2. After stinging out of the retainer we pumped a 300' balanced plug above the CICR at 2,064'. After waiting on cement for 4 hours we tripped back in hole, did not tag cement, and ended up tagging the CICR at 2,064'.

As a result, the BLM and NMOCD provided verbal approval for the following procedural changes:

- PLUG #2 (NACIMIENTO FORMATION TOP):
 - Set a CIBP at 2,060'
 - Pump a 100' balanced plug on top of the CIBP at 2,060'.
 - § Balanced plug: 3 sacks of Class III (14.8 PPG, 1.37 yield) cement with an estimated TOC @ +/- 1,960' and an estimated BOC @ +/- 2,060')

Please let me know if you have any questions or concerns.

Thanks,

John LaMond

Operations Engineer – Technical Services
 Hilcorp Energy Company
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 Houston, TX 77002
 346-237-2210 (Office)
 832-754-9692 (Cell)
jamond@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
 Sent: Tuesday, January 23, 2024 5:16 PM
 To: John LaMond <jamond@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
 Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>
 Subject: RE: [EXTERNAL] NOI Request for Hilcorp's San Juan 29-5 Unit 102 (API # 300392246800) P&A Procedure

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John

After much discussion – plug 3 is approved with the exception of running a cibp at 187 feet instead of the requested balanced plug.

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
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From: John LaMond <jlamond@hilcorp.com>
Sent: Tuesday, January 23, 2024 12:48 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Joe McElreath - (C) <jmcelreath@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>; John LaMond <jlamond@hilcorp.com>
Subject: RE: [EXTERNAL] NOI Request for Hilcorp's San Juan 29-5 Unit 102 (API # 300392246800) P&A Procedure

Good afternoon Kenny and Monica,

Thank you for your time this afternoon. Below summarizes the discussed procedural changes to the NOI moving forward on the SJ 29-5 Unit 102 based the CBL results.

BLM and NMOCD provided verbal approval for the following 2 plugs (PLUG #1 and PLUG #2):

- PLUG #1 (PICTURED CLIFFS, FRUITLAND, KIRTLAND, & OJO ALAMO FORMATION TOPS):
 - No Change, proceed with same +/- 900' balanced plug per NOI
- PLUG #2 (NACIMIENTO FORMATION TOP):
 - Perforate at 2,114' per original NOI – No Change
 - Set Cement Retainer at 2,064' per original NOI – No Change
 - Sting into cement retainer at 2,064' and attempt to establish injection rate
 - § If successful at establishing injection rate, proceed with original NOI procedure and pump cement as planned
 - § If UNSUCCESSFUL at establishing injection rate, sting out of retainer and pump a 300' balanced plug on top of the cement retainer set at 2,064'
 - Balanced plug: 8 sacks of Class III (14.8 PPG, 1.37 yield) cement with an estimated TOC @ +/- 1,764' and an estimated BOC @ +/- 2,064')

BLM provided verbal approval for the following plug (PLUG #3). Hilcorp is awaiting NMOCD review and approval on the following (PLUG #3):

- PLUG #3 (SURFACE PLUG):
 - CBL shows cement present at originally proposed perforation depth at +/- 187'
 - Hilcorp requests to not perforate at +/- 187'. Instead – Hilcorp requests to pump a balanced plug from 187' to surface

- Hilcorp then requests to run 1" polypipe down the 2-7/8" x 8-5/8" annulus to +/- 187' and pump cement to surface

Monica, do you approve the above changes to PLUG #3?

Please let me know if you have any questions or concerns.

Thanks,

John LaMond

Operations Engineer – Technical Services

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 308813

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 308813
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 1/25/2024	3/4/2024