

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30-039-07528	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)	
⁶ Pool Code 72319		
⁷ Property Code 318838	⁸ Property Name San Juan 29-6 Unit	⁹ Well Number 81

II. ¹⁰ Surface Location

UI or lot no. L	Section 25	Township 29N	Range 6W	Lot Idn	Feet from the 1675	North/South Line South	Feet from the 1190	East/West Line West	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	O
373888	Harvest Four Corners, LLC	G

IV. Well Completion Data

²¹ Spud Date 11/19/1963	²² Ready Date 6/5/2023	²³ TD MD 7791’	²⁴ PBTD MD 7775’	²⁵ Perforations 5113’-5658’	²⁶ DHC, MC DHC-5289
^{p27} Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4”	8 5/8”, 24#, J-55	321’	175 sx		
7 7/8”	4 1/2”, 11.6#, ST&C	7791’	530 cf		
	2 3/8”, 4.7#, J-55	7710’			

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 6/5/2023	³³ Test Date 6/5/2023	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 390 psi	³⁶ Csg. Pressure 470 psi
³⁷ Choke Size 24/64”	³⁸ Oil 0	³⁹ Water 0 bwpd	⁴⁰ Gas 392 mcf/d		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Cherylene Weston		OIL CONSERVATION DIVISION Approved by: Sarah McGrath	
Printed name: Cherylene Weston		Title: Petroleum Specialist - A	
Title: Operations Regulatory Tech Sr.		Approval Date: 07/06/2023	
E-mail Address:p cweston@hilcorp.com		Upload CBLs to OCD Permitting/ Well Logs	
Date: 6/14/2023	Phone: (713) 289-2615		

Well Name: SAN JUAN 29-6 UNIT	Well Location: T29N / R6W / SEC 25 / NWSW / 36.693909 / -107.418686	County or Parish/State: RIO ARRIBA / NM
Well Number: 81	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM012671	Unit or CA Name: SAN JUAN 29-6 UNIT--DK	Unit or CA Number: NMNM78416B
US Well Number: 300390752800S1	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2734531

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 06/13/2023

Time Sundry Submitted: 12:38

Date Operation Actually Began: 03/29/2023

Actual Procedure: The subject well was recompleted into the Mesaverde and downhole commingled with the existing Dakota. Please see attached reports.

SR Attachments

Actual Procedure

SJ_29_6_Unit_81_RC_Subsequent_SR_20230613123803.pdf

Well Name: SAN JUAN 29-6 UNIT

Well Location: T29N / R6W / SEC 25 /
NWSW / 36.693909 / -107.418686

County or Parish/State: RIO
ARRIBA / NM

Well Number: 81

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM012671

Unit or CA Name: SAN JUAN 29-6
UNIT--DK

Unit or CA Number:
NMNM78416B

US Well Number: 300390752800S1

Well Status: Producing Gas Well

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: CHERYLENE WESTON

Signed on: JUN 06, 2023 11:14 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

Phone: (713) 289-2615

Email address: cweston@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: 06/14/2023

Signature: Matthew Kade

San Juan 29-6 Unit 81
API # 30-039-07528
Recomplete Subsequent Sundry

3/29/23 BH- 0, CSG-35, TBG-30. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. Worked stuck hanger & parted tbg. SIW. SDFN.

3/30/23 BH-0 PSI, CSG-35 PSI, TBG-35 PSI. BWD. LD 1823' Tbg. MU overshot. Engage fish @ 1835'. Worked tbg free, LD all tbg. SDFN.

3/31/23 BH-0 PSI, CSG-90 PSI. BWD. TIH w/mill. Obstruction @ 7651' (8' above CIBP set depth). TOOH & LD mill. MU 3-3/4" OS, TIH & tag @ 7651'. Unable to get past tag. SDFN.

4/3/23 BH-0 PSI, CSG-230 PSI, TBG-80 PSI. TOH tbg & OS. TIH w/2-3/8" tbg, tag @ 7745'. TOOH. SIW. SDFN.

4/4/23 BH-0 PSI, CSG-150 PSI. Received verbal approval from Monica Kuehling, NMOCD & Kenny Rennick, BLM to set RBP @ 7631' instead of CIBP @ 7659'. TIH & set RBP @ 7631'. Load csg & circ well. PT csg to 560 psi, lost 100 psi/min. TOOH w/tbg. TIH w/4.5" packer. Test 0-3488', good test. Test 3448'-7631', lost 10 psi/min. Secure well & SDFN.

4/5/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. Cont PT casing. Isolated leak 6638'-7534'. Replace packer, TIH & cont PT csg. All good tests. Test 0-7631' (RBP), held 1 hr. Secure well & SDFN.

4/6/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. MIT casing 0-7631' to 560 psi, witnessed/approved by Lenny Moore, NMOCD. TOOH & LD 2400' tbg & pkr. RU Basin WL. Run CBL from 7631' - surface. Dump bail 15' sand above RBP. TIH, set CBP @ 5670'. RD WL. Secure well & SDFN.

4/10/23 BH-0 PSI, CSG-0 PSI. Sent CBL to Monica Kuehling, NMOCD & Kenny Rennick, BLM. Received verbal approval to adjust perf range to 5113'-5658'.

OA

4/12/23 BH-0 PSI, CSG-0 PSI. Perf Mesaverde w/0.34" diam. @ 3 SPF at: 5420', 5430', 5441', 5451', 5462', 5472', 5480', 5488', 5507', 5523', 5538', 5547', 5572', 5591', 5595', 5610', 5627', 5638', 5653', 5658'= 20 holes. Set frac plug @ 5395'. Att to work frac plug free, pulled out of rope socket w/WL. PU & TIH w/fishing tools & work string to 1522'. SDFN.

4/13/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. Worked plug free. RU Basin WL. Set Model D packer @ 5050'. RD WL. PU 2-7/8" frac string to 2500'. SDFN.

4/14/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. Finish landing Frac string @ 5110'. RD floor. ND BOP. NU 4" 10K frac stack. PT to 9000 psi x 30 min. Good test. RU SL, punch out dual disc sub. SI well. RD & release rig. W/O Frac.

5/5/23 MIRU Frac crew. PT frac string. Frac Stage 1 (5420' – 5658'): BD well w/500 Gal 15% HCL. Foam Frac w/ 124,966# 20/40 AZ Sand, 45,318 gal 70Q slickwater and 1.67M SCF N2. Perf Cliffhouse/Upper Menefee 0.29" diam. @ 3 SPF at: 5113', 5119', 5130', 5138', 5154', 5167', 5176', 5187', 5208', 5219', 5233', 5245', 5259', 5275', 5294', 5309', 5318', 5330', 5342', 5362', 5369', 5382'= 22 holes. RD WL.

Frac Stage 2 (5113' – 5382'): BWD w/500 Gal 15% HCL. Foam Frac w/ 42,252 gal of 70Q slick water, 121,270# 20/40 AZ sand, 1.47M SCF N2. RD Frac. SIW. SDFN.

5/8/23 BH-0 PSI, CSG-0 PSI, TBG-650 PSI. BDW. ND Frac Stack, NU BOP. PT BOP. Good Test. TIH unset pkr @ 7631'. LD frac string. XO to 2-3/8" tbg. SIW. SDFN.

5/9/23 BH-0 PSI, CSG-620 PSI, TBG-0 PSI. Tally & PU tubing to Model D packer @ 5,050'. RU power swivel. Est circ w/air & mist. DO packer. Hang back PS. TOOH, LD washover assembly (no recovery). TIH w/fishing assembly. Tag 10' fill @ 5,352'. TOOH w/tbg above perfs.

5/10/23 BH- 0 PSI, CSG- 620 PSI, TBG- 0 PSI. TIH & tag @ 5,362', unable to latch packer. RU swivel. Est circ w/air & mist, engage packer. TOOH, LD fishing tools & packer. TIH to plug @ 5,395'. Est circ w/air & mist. DO frac plug @ 5,395'. Tag 77' fill above CBP @ 5,670'. CO fill & chase plug to 5,670'. DO CBP @ 5,670'. Pull tubing to above perfs. SIW. SDFN.

5/11/23 BH- 0 PSI, CSG- 550 PSI, TBG- 0 PSI. TIH to CBP @5,670'. RU swivel. Est circ w/air & mist. DO CBP @ 5,670'. TOOH w/tubing & mill. RU Wireline Group. RIH w/GR & log from 4,500' - 6,000'. Secure well. SDFN.

5/12/23 Tracer log sent to NMOCD/BLM. Received verbal approvals for permission to revise cmt interval to 3,654'-3,804' by Monica Kuehling, NMOCD & Kenny Rennick, BLM. OCD requested MIT after DO & BH test prior to MIT on day of MIT. After cmt sqz, will CO WB, run witnessed MIT & proceed w/removal of DK plug.

5/13/23 BH- 0 PSI, CSG- 530 PSI, TBG- 0 PSI. Kill well w/30 bbls. TIH & set 4-1/2" RBP @ 3,954'. Load & test casing to 600 PSI – good test. RU WL. Perf sqz holes @ 3,600' & 3,804'. TIH & set 4.5" packer @ 3,696'. Circ 110 bbls through sqz holes. Secure well & SDFN.

5/15/23 BH-0 PSI, CSG- 0 PSI, TBG- 0 PSI. Set packer @ 3,696', pump 18 bbls & confirm circ through sqz holes. LD packer. Set CR @ 3,696'. RU Drake Energy Services. Pump 56 sx Type III Cmt, 14.6 PPG 1.37 yield (50% excess) 3,604' - 3,800'. Cmt below CR & sqz perfs. Pump 150' bal plug above CR 3,546' - 3,696'. Top off well, squeeze .25 bbl. Secure well & SDFN.

5/16/23 BH-0 PSI, CSG- 0 PSI. PT casing to 540 PSI – good test. TIH w/bit & drill collars. TOC @ 3,544'. DO cmt from 3,544' - 3,696'. DO CR @ 3,696'. Cont DO to 3,754'. PT casing 560 PSI – lost 8 PSI/min. Circ 60 bbls. Re-test casing, same results. Call in findings. Secure well & SDFN.

5/17/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. PT casing to 560 PSI – lost 10 PSI/min. DO cmt 3,754' - 3,810'. Re-test casing, same leak off 10 PSI/min. RU WL, run CBL from 3,390' - 3,940'. Submit results. Received verbal approvals from Monica Kuehling, NMOCD & Kenny Rennick, BLM to proceed w/operations. RU Drake Energy Services. Mix & pump 183' balance plug from 3,477' - 3,660'. RD cmt equip. Psi up on sqz to 600 psi. Pump 1 bbl after 1 hr. Secure well & SDFN.

5/18/23 BH-0 PSI, CSG-0 PSI. PT casing to 560 PSI, good test. Tag TOC @ 3,505'. DO cmt 3,505' - 3,665'. Circ w/60 bbls water. PT casing to 560 psi - lost 6 psi/min. TIH & PT casing w/packer. Packer failure. TOOH, LD packer. Secure well & SDFN.

5/19/23 BH-0 PSI, CSG-0 PSI. TIH w/packer, verify casing leaks to be sqz holes @ 3,604' & 3,800'. TOOH w/packer. RU Drake Energy Services. Pump 475' balance plug from 3,381' - 3,856'. Rev circ clean. Psi up on cmt, pump 3 bbls after 2 hours. Secure well & SDFN.

5/22/23 BH-0 PSI, CSG-350 PSI (squeeze PSI). TIH & tag TOC @ 3,470'. PU swivel. PT casing- good test. DO cmt 3,470' - 3,689'. Circ well clean. PT casing 0' - 3,689' to 600 PSI. Lost 50 PSI/min for first 100 PSI then down to 10 PSI/MIN. TOOH tubing, LD bit. TIH, identify leak @ 3,603'-3,634'. TOOH & LD packer. Secure well & SDFN.

5/23/23 BH-0 PSI, CSG- 0 PSI. RU HEC cmt equipment. Pump 296' balance plug from 3364' - 3,660'. PSI up on cmt to 600 PSI. Pump 1 BBL after 2 hours. SI well at 600 PSI. Secure well & SDFN.

5/24/23 BH-0 PSI, CSG- 500 PSI. TIH w/DC & bit. TOC at 3,470'. DO cmt 3,470'-3,689'. Circ clean. PT casing 0'-3,689' to 600 PSI. Lost ~3 PSI/min. Re-test multiple times, same result. Call in findings. Secure well & SDFN.

5/25/23 BH-0 PSI, CSG- 0 PSI, TBG- 0 PSI. TOOH, LD bit. TIH, set packer @ 3,600' (sqz hole @ 3,604'). PSI up to 1,200 PSI - lost 100 PSI for 1 min, then ~60 PSI/min after. Set packer @ 2,509'. PSI up to 1,200 PSI - lost 6 PSI/min. Call in findings. TOOH w/packer. Verbal approvals from Monica Kuehling/NMOCD & Kenny Rennick/BLM to pump cement again on sqz hole @ 3,604'. RU Drake Energy Services. Pump 30 sx cmt, 193' balance plug from 3,435' - 3,628'. TIH w/packer to 2,509'. Squeeze 1/2 BBL. SI @ 1,200 PSI. Secure well & SDFN.

5/30/23 BH-0 PSI, CSG- 0 PSI, TBG- 1,200 PSI (squeeze psi). TOOH, LD packer. DO cmt 3,430' - 3,635'. Circ clean & test. DO cmt 3,689' - 3,856'. Circ clean. Secure well & SDFN.

5/31/23 BH-0 PSI, CSG- 0 PSI, TBG- 0 PSI. PT casing 0' - 3,954' (RBP) to 560 PSI, lost 3 PSI/min. Call in findings. TOOH w/tubing. TIH w/packer to verify leak. PT casing & chart. Good test from 0' - 3,600' & 3,535' - 3,954' (sqz perfs). Test from 0' - 3,535' lost 10 PSI/min. Re-test multiple times w/same results. Pull packer above sqz perfs. Secure well & SDFN.

6/1/23 BH-0 PSI, CSG- 0 PSI, TBG- 0 PSI. PT casing w/packer. Good test from 72' - 3,954'. PT 0' - 72' (WH) lost 20 PSI/min. LD packer. ND BOP. ND tubing head. NU 11" 3K X 7" 5K tubing head. PT seals - good test. NU BOP. PT casing 0' - 3,954', good test held for 30 min. Secure well & SDFN.

6/2/23 BH-0 PSI, CSG- 0 PSI, TBG- 0 PSI. Run MIT on 4.5" casing 0' - 3,954' (RBP). MIT witnessed & passed by John Durham, NMOCD. RU The Wireline Group. Run CBL on 4.5" casing 3,900' - 3,400'. RD WL. TIH & CO fill to RBP @ 3,954'. Release RBP. Secure well & SDFN.

6/3/23 0-PSI, CSG-490 PSI, TBG-0 PSI. TIH, tag 40' fill. CO fill w/ air & mist to RBP. Release plug. TOOH w/RBP. Land 237-jts 2-3/8" J-55 tubing @ 7,710' (SN @ 7,708'). RD floor, ND BOP. NU WH. RR @ 2200 hrs.

This well is currently producing as a MV/DK Commingle on DHC-5289 with Gas Allowable C-104 waiting on RC C-104 approval.

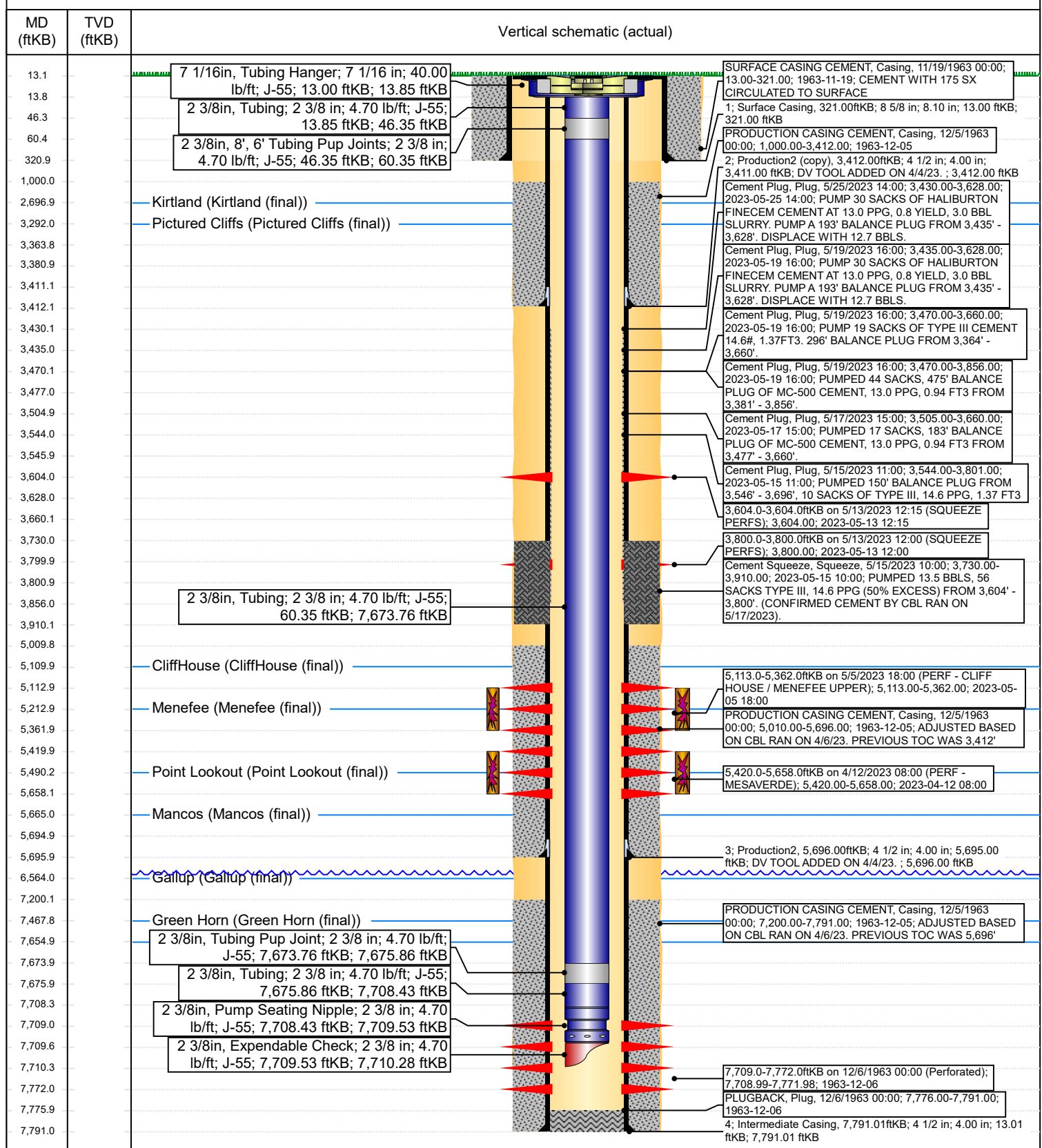


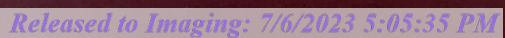
Current Schematic - Version 3

Well Name: SAN JUAN 29-6 UNIT #81

API / UWI 3003907528	Surface Legal Location 025-029N-006W-L	Field Name DK	Route 1305	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,414.00	Original KB/RT Elevation (ft) 6,427.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [Vertical]





Cheryl Weston

From: Wrinkle, Justin, EMNRD <Justin.Wrinkle@emnrd.nm.gov>
Sent: Thursday, June 1, 2023 3:15 PM
To: Cheryl Weston; McGrath, Sarah, EMNRD
Cc: Mandi Walker
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 Test C-104 (API 30-039-07528)

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

Extension granted- please save for your records

Justin Wrinkle
EMNRD
Petroleum Specialist Supervisor
505-670-0802
Justin.wrinkle@emnrd.nm.gov

From: Cheryl Weston <cweston@hilcorp.com>
Sent: Thursday, June 1, 2023 2:12 PM
To: Wrinkle, Justin, EMNRD <Justin.Wrinkle@emnrd.nm.gov>; McGrath, Sarah, EMNRD <SarahK.McGrath@emnrd.nm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: [EXTERNAL] San Juan 29-6 Unit 81 Test C-104 (API 30-039-07528)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Justin,

The above well was recently recompleted and is currently on a test C-104 with an expiration date of 6/6/2023. The rig is still on the well due to some problems encountered and likely won't be done in time. Monica Kuehling is aware of the issues encountered.

Hilcorp Energy requests an extension on the test allowable for an additional 30-days to allow additional time to get the final paperwork filed.

Thank you,



Cheryl L. Weston
San Juan East/South Regulatory
1111 Travis Street
Houston, TX 77002
Ofc: 713-289-2615
cweston@hilcorp.com

Cheryl Weston

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Friday, May 26, 2023 9:42 AM
To: Kuehling, Monica, EMNRD; Cheryl Weston
Cc: Mandi Walker; James Osborn; Ben Hampton; Ray Brandhurst; Scott Matthews; Eliza Ann Moehlman; Brett Houston; Bennett Vaughn
Subject: Re: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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The BLM finds the work appropriate.

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From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, May 25, 2023 2:34:20 PM
To: Cheryl Weston <cweston@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>; James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

NMOCD approval is given with prior approval from the BLM

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: Cheryl Weston <cweston@hilcorp.com>
Sent: Thursday, May 25, 2023 1:18 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; krennick@blm.gov
Cc: Mandi Walker <mwalker@hilcorp.com>; James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Bennett

Vaughn <Bennett.Vaughn@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

Monica/Kenny,

Please see note below from Engineer.

After drilling out cement yesterday evening, we are still leaking on the San Juan 29-6 Unit 81 and have isolated it to the same hole at around 3604. We plan to pump cement again this afternoon to fix the leak and wanted to get your confirmation.

We will perform a witness MIT afterwards if the cement repairs the issue.

Thanks,

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

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, May 25, 2023 12:37 PM
To: Cheryl Weston <cweston@hilcorp.com>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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Cheryl – does this well have an approved MIT from the las squeeze - Monica

----- Original message -----

From: "Rennick, Kenneth G" <krennick@blm.gov>
Date: 5/23/23 9:59 AM (GMT-06:00)
To: Kandis Roland <kroland@hilcorp.com>, "Kuehling, Monica, EMNRD" <monica.kuehling@emnrd.nm.gov>, Bennett Vaughn <Bennett.Vaughn@hilcorp.com>
Cc: James Osborn <josborn@hilcorp.com>, Ben Hampton <bhampton@hilcorp.com>, Ray Brandhurst <rbrandhurst@hilcorp.com>, Scott Matthews <scmatthews@hilcorp.com>, Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>, Brett Houston <Brett.Houston@hilcorp.com>, Mandi Walker <mwalker@hilcorp.com>
Subject: Re: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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Thank you for the information, Kandis!

Kenny Rennick

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: Kandis Roland <kroland@hilcorp.com>
Sent: Tuesday, May 23, 2023 7:13 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Kandis Roland <kroland@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

Monica/Kenny,

Please see note below from Engineer.

Per your conversation with Juan about the San Juan 29-6 Unit 81 on Friday (5/19), we moved forward and pumped cement to fix the holes at 3604' and 3800'. On Monday (5/22) we drilled out the cement covering the top hole at 3604' and found the casing to still be leaking. We will be pumping another cement plug across this hole this morning with the plan to drill out tomorrow morning.

Thanks,

Kandis Roland
HILCORP ENERGY
San Juan East/South Regulatory
713.757.5246
kroland@hilcorp.com

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Wednesday, May 17, 2023 2:20 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kandis Roland <kroland@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>

Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: Re: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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Hello,

Unsure of the proper response, already found the work appropriate in an earlier message.

But to confirm, BLM finds all work being done appropriate. Please note NM OCD response in previous message. Please indeed include a subsequent report of work done with all the email conversations.

Kenny Rennick

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: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, May 17, 2023 1:03 PM
To: Kandis Roland <kroland@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

NMOCD approval is given to cement work performed on May 16, 2023 to put a cement block between frac and MV top at 3754. Block is noted from 3732 to bottom of log at 3930.

All approvals are with prior approval from the BLM.

Please include all email chains with subsequent and submit all logs through our e-permitting site.

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: Kandis Roland <kroland@hilcorp.com>
Sent: Wednesday, May 17, 2023 12:07 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

Monica/Kenny,

Cement work was completed. Please see attached CBL for review for the subject well.

Thanks,

Kandis Roland
HILCORP ENERGY
San Juan East/South Regulatory
713.757.5246
kroland@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Friday, May 12, 2023 3:59 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Kandis Roland <kroland@hilcorp.com>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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Forgot to mention – an MIT is required after drill out with a bradenhead test prior to mit day of mit.

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: Friday, May 12, 2023 2:57 PM
To: Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>;
Kandis Roland <kroland@hilcorp.com>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst
<rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman
<Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker
<mwalker@hilcorp.com>
Subject: Re: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

BLM finds the proposed work appropriate.

Kenny Rennick

Get [Outlook for iOS](#)

From: Bennett Vaughn <Bennett.Vaughn@hilcorp.com>
Sent: Friday, May 12, 2023 2:23:57 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kandis Roland <kroland@hilcorp.com>; Rennick,
Kenneth G <krennick@blm.gov>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst
<rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman
<Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker
<mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

Monica/Kenny,

We plan to do cement work and cement from 3,700' – 3,800'. Please let us know if you approve of this work.

Thanks,

Bennett Vaughn
Ops Engineer
San Juan East Asset Team
Hilcorp Energy Company

o: (346) 237-2195 | c: (281) 409-5066
e: Bennett.Vaughn@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Friday, May 12, 2023 3:14 PM
To: Kandis Roland <kroland@hilcorp.com>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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Kandis

With tracer log plus review of cbl from 4/10/23 – No cement from 3416 to 5040 – (please evaluate the isolation from 4860' to 3754)– Hilcorp call on formation top is 3754 – There is no cement coverage between formations - Cement work is required to within 50 feet of top of formation.

Monica

From: Kandis Roland <kroland@hilcorp.com>
Sent: Friday, May 12, 2023 1:30 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

Monica,

We are showing that the top of the Mesaverde is 3754'.

Thanks,

Kandis Roland
HILCORP ENERGY
San Juan East/South Regulatory
713.757.5246
kroland@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Friday, May 12, 2023 2:21 PM
To: Kandis Roland <kroland@hilcorp.com>

Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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Kandis are you still in formation when gas is at 4860

Monica

From: Kandis Roland <kroland@hilcorp.com>
Sent: Friday, May 12, 2023 12:57 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Kandis Roland <kroland@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

Monica,

Attached is the tracer log for the San Juan 29-6 Unit 81. The tracer log shows the frac to have stayed within the legal MV. We are requesting to move forward with the removal of the DK plug and commingle flow of the MV and DK.

Thanks,

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

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, April 10, 2023 11:48 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Kandis Roland <kroland@hilcorp.com>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>
Subject: RE: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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NMOCD approval is given to continue with recomplete with adjusted perforations from 5113 to 5658 – Tracer is required.

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: Monday, April 10, 2023 10:08 AM
To: Kandis Roland <kroland@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>
Subject: Re: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

The BLM finds the proposed perforations and tracers 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: Kandis Roland <kroland@hilcorp.com>
Sent: Monday, April 10, 2023 9:34 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>
Subject: [EXTERNAL] San Juan 29-6 Unit 81 (30-039-07528) - CBL

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

Monica/Kenny,

Attached is the CBL that was ran during the recompleat wellbore prep for the subject well. After running the CBL HEC found bottom of cement at 5,703' and top of cement at 5,035'. Hilcorp is requesting permission to adjust perf range from 5103' – 5678' to 5113' - 5658' and run a tracer log to prove the frac stays in zone. Link below is to the approved NOI. Please let us know if you need any additional information.

https://ocdimage.emnrd.nm.gov/Imaging/FileStore/santafe/wf/20230310/30039075280000_03_10_2023_03_01_41.pdf

Thanks,

Kandis Roland
HILCORP ENERGY
San Juan East/South Regulatory
713.757.5246
kroland@hilcorp.com

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Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Wednesday, June 14, 2023 11:44 AM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: SAN JUAN 29-6 UNIT, Well Number: 81, Notification of Well Completion Acceptance

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 29-6 UNIT**
- Well Number: **81**
- US Well Number: **3003907528**
- Well Completion Report Id: **WCR2023061488364**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: RECOMPLETE

2. Name of Operator

Hilcorp Energy Company

3. Address
382 Rd 3100, Aztec NM 874103a. Phone No. (include area code)
(505) 333-1700

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit L (NWSW), 1675' FSL & 1190' FWL,

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded
11/19/196315. Date T.D. Reached
12/5/196316. Date Completed 6/5/2023
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6414'

18. Total Depth: 7791'

19. Plug Back T.D.: 7775'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL, Tracer, MIT

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	8 5/8" J-55	24#	0	321'	n/a	175 sx			
7 7/8"	4 1/2" ST&C	11.6#	0	7791'	n/a	530 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7710'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse/Upper Menefee	5113'	5382'	3 SPF	.29"	22	open
B) Mesaverde	5420'	5658'	3 SPF	.34"	20	open
C) Squeeze Perfs	3604'	3604'	1 SPF	.40"	3	closed
D) Squeeze Perfs	3804'	3804'	1 SPF	.40"	3	closed
E) TOTAL					48	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5113-5382	Broke well w/ H2O & 12 bbls 15% HCL. Foam Frac w/ 1006 bbls of 70 Q slick water, 121,270# 20/40 sand, 1.47M SCF N2
5420-5658	Broke well w/ H2O & 12 bbls 15% HCL. Foam Frac w/ 1079 bbls of 70 Q slick water, 124,966# 20/40 sand, 1.67M SCF N2.
3604-3804	56 sx Type III cement, 14.6 PPG, 1.37 yield.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/5/2023	6/5/2023	24	➡	0	392 mcf	0 bbls	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64"	390 psi	470 psi	➡	0	392 mcf	0 bwpd	n/a	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

29. Disposition of Gas (*Solid, used for fuel, vented, etc.*)**Sold**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	2530'	2697'	White, cr-gr ss	Ojo Alamo	2530'
Kirtland	2697'	2907'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2697'
Fruitland	2907'	3292'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2907'
Pictured Cliffs	3292'	3421'			3292'
Lewis	3421'	4305'	Shale w/ siltstone stingers	Lewis	3421'
Chacra	4305'	5110'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4305'
Cliffhouse	5110'	5213'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5110'
Menefee	5213'	5490'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5213'
Point Lookout	5490'	5665'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5490'
Mancos	5665'	6564'	Dark gry carb sh.	Mancos	5665'
Gallup	6564'	7468'	Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6564'
Greenhorn	7468'	7586'	Highly calc gry sh w/ thin lmst.	Greenhorn	7468'
Graneros	7586'	7655'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7586'
Dakota	7655'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7655'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/DK Commingle per DHC-5289. MV PA NMNM78416A.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (*please print*) Cherylene Weston Title Operations/Regulatory Technician

Signature Cherylene Weston Date 6/12/2023

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.

District I
1625 N. French Dr., Hobbs, NM 88240
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

ACKNOWLEDGMENTS

Action 236875

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 236875
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 236875

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 236875
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	Upload CBLs to OCD Permitting/ Well Logs	7/6/2023