

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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 30-039-20369	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 319210	⁸ Property Name San Juan 27-4 Unit	⁹ Well Number 59

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
G	4	27N	04W		1460	North	1800	East	Rio Arriba

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
									Choose an item.
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 5/10/1971	²² Ready Date 6/26/2023	²³ TD 8641'	²⁴ PBTB 8624'	²⁵ Perforations 5746'-6703'	²⁶ DHC, MC DHC-4920
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
13 3/4"	9 5/8", 32.3#, H-10	220'	190 sx		
8 3/4"	7", 20#, K-55	4536'	115 sx		
6 1/4"	4 1/2", 10.5# & 11.6#, N-80 & K-55	8641'	325 sx		
	2 3/8", 4.7#, J-55	8552'			

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 6/26/2023	³³ Test Date 6/26/2023	³⁴ Test Length 24	³⁵ Tbg. Pressure 360 psi	³⁶ Csg. Pressure 360 psi
³⁷ Choke Size 19/64"	³⁸ Oil 0 bbl	³⁹ Water 0 bbl	⁴⁰ Gas 58 mcfd		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*
Printed name: **Cherylene Weston**
Title: **Operations Regulatory Tech Sr.**
E-mail Address: **cweston@hilcorp.com**
Date: **7/20/2023** Phone: **713-289-2615**

OIL CONSERVATION DIVISION
Approved by: Sarah McGrath
Title: Petroleum Specialist - A
Approval Date: 07/28/2023
Upload CBL to OCD Permitting/ Well Logs

Well Name: SAN JUAN 27-4 UNIT	Well Location: T27N / R4W / SEC 4 / SWNE / 36.60524 / -107.253235	County or Parish/State: RIO ARRIBA / NM
Well Number: 59	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080668	Unit or CA Name: SAN JUAN 27-4 UNIT--DK, SAN JUAN 27-4 UNIT--MV	Unit or CA Number: NMNM78408A, NMNM78408B
US Well Number: 3003920369	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2742645

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 07/25/2023

Time Sundry Submitted: 10:39

Date Operation Actually Began: 04/19/2023

Actual Procedure: RECORD CLEAN UP: Please see revised recomplete summary report that was submitted on sundry ID 2741871. Corrections were made to the daily summary report.

SR Attachments

Actual Procedure

SJ_27_4_Unit_59_RC_Subsequent_SR_Rev_20230725103816.pdf

Well Name: SAN JUAN 27-4 UNIT

Well Location: T27N / R4W / SEC 4 / SWNE / 36.60524 / -107.253235

County or Parish/State: RIO ARRIBA / NM

Well Number: 59

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF080668

Unit or CA Name: SAN JUAN 27-4 UNIT--DK, SAN JUAN 27-4 UNIT--MV

Unit or CA Number: NMNM78408A, NMNM78408B

US Well Number: 3003920369

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: JUL 25, 2023 10:39 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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 07/25/2023

Signature: Kenneth Rennick

San Juan 27-4 Unit 59

API # 30-039-20369

Recomplete Sundry-Revised

4/19/23 MIRU. CK WELL PSI. SICP-85 PSI, SITP-85 PSI, SIICP-0 PSI, SIBHP-0 PSI. BDW. MIRU EXPERT DOWNHOLE SERVICES. N/D TREE. N/U BOP & TEST. R/U FLOOR & TBG EQUIP. R/U SCANNERS. TOO H INSPECTING TBG. SWSI. SDFN.

4/20/23 SICP-179 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. M/U SCRAPER, TIH W/ 37 STDS. PU 2-3/8" TBG TO 8,408'. L/D 3 JTD. TOO H W/132 STDS. SET 4-1/2" CIBP @ 8,358'. LOAD HOLE. PT CSG TO 640 PSI. GOOD TEST. BD. SISW. SDFN.

4/21/23 SICP-0 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. MIRU WELLCHECK. PT TBG HEAD VOID. GOOD. L/D 76 JTS. PERFORM MIT WITNESSED BY LENNY MOORE, NMOCD VIA FACETIME. GOOD TEST. TOO H W/ REM TBG. MIRU BASIN WL. RUN CBL 6800' TO SURFACE. SET 4-1/2" CBP@ 6,800'. POOH. SISW. SDFN.

4/24/23 SICP-0 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. MIRU WELLCHECK. PT BOP. GOOD TEST. N/D BOP, N/U TEST FLANGE. TEST CSG TO 4K, GOOD. N/U BOP. N/D BOP. N/U WH. RDMO. WO FRAC.

5/31/23 N/D TREE, N/U 7" X 5K FRAC STACK, TEST STACK & CSG TO 4,000 PSI X 15 MIN.

6/21/23 MIRU BASIN WL. RIH, PERF PT LOOKOUT/LOWER MENEFEW W/ 0.33" DIA, 1 SPF @ 6204, 6224, 6235, 6252, 6261, 6290, 6300, 6310, 6320, 6330, 6346, 6361, 6376, 6392, 6414, 6427, 6445, 6463, 6535, 6578, 6674 & 6703' (22 TOTAL HOLES). RU FRAC CREW. FRAC PT LOOKOUT/LOWER MENEFEW: BDW H2O & 500 GAL 15% HCL, 125,143 LBS 20/40 SAND, 47,292 GAL SLICKWATER, 1.77M SCF N2 70Q. SET PLUG @ 6,180'. PERF CLIFFHOUSE/UPPER MENEFEW W/ 0.33" DIA, 1 SPF @ 5746, 5774, 5866, 5925, 5935, 5945, 5957, 5963, 5973, 5981, 5987, 5995, 6014, 6033, 6041, 6060, 6082, 6107, 6119, 6134, 6149, 6167' (22 HOLES TOTAL). FRAC CLIFFHOUSE / UPPER MENEFEW: BDW W/ H2O & 500 GAL 15% HCL, 125,212 LBS 20/40 SAND, 44,520 GAL SLICKWATER, 1.65M SCF N2 70 Q. SET CBP @ 5,592'. RD FRAC. TOTAL FRAC LOAD = 2,210 BBLS (INCL 24 BBLS ACID). TOTAL SAND = 250,355 LBS. TOTAL N2 = 3.42 MILLION SCF.

6/22/23 SICP-0 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. MIRU. N/D FRAC STACK. N/U BOP & PT. R/U FLOOR & TBG EQUIP. M/U 3-7/8" MILL & BIT SUB. RIH TO 3,125'. UNLOAD WELL W/AIR. CONT RIH, TAG PLUG #1 @ 5,592'. SISW. SDFN.

6/23/23 SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. R/U PWR SWVL & AIR. BREAK CIRC, UNLOAD WELL. AIR/MIST @ 14 BPH. TAG PLUG #1 @ 5,592'. DO PLUG #1. CIRC PSI @ 900 PSI. BYPASS AIR, PUMP KILL, HANG BACK PWR SWVL. TAG 44' OF FILL ON TOP OF PLUG. R/U PWR SWVL AND AIR. BREAK CIRC. CLEAN DOWN TO PLUG #2, TAG @ 6,180'. DO PLUG #2, CIRC CLEAN. BYPASS AIR, PUMP KILL, HANG BACK PWR SWVL. TIH, TAG PLUG @ 6,659', 141' ABOVE PLUG #3. R/U PWR SWVL & AIR/MIST. CO TO 6,706'. TOO H ABOVE PERFS TO 5,420'. SISW. SDFN.

6/24/23 SICP-700 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. TIH, TAG FILL @ 6,737'. R/U PWR SWVL & AIR/MIST. BREAK CIRC, CO, TAG PLUG @ 6,848', 48' LOWER THAN SET DEPTH.. DO PLUG #3. HANG BACK PWR SWVL. TAG PLUG #4 @ 8,358'. DO PLUG #4. TIH W/ PWR SWVL, TAG FILL @ 8,594'. CO TO 8,604'. HANG BACK PWR SWVL. TOO H TO ABOVE PERFS @ 5,420'. SISW. SDFN.

6/25/23 SICP-580 PSI, SITP-0 PSI (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. TIH, TAG FILL @ 8,601'. R/U PWR SWVL & AIR/MIST @ 14 BPH. BREAK CIRC. CO TO PBD @ 8,624'. CIRC WELL. HANG BACK PWR SWVL. L/D M/U PROD BHA, TIH TO 3,500'. SISW. SDFN.

6/26/23 SICP-550 PSI, SITP-0 PSI (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. CONT TIH W/ PROD BHA. LAND 270 JTS 2-3/8", 4.7#, J-55 TBG @ 8552' (SN @ 8550'). R/D FLOOR/TOOLS. N/D BOP, N/U WH. DROP BALL & PT TBG TO 500 PSI - GOOD TEST. RDMO @ 1200 HRS.

This well is currently producing as a MV/DK Commingle on DHC-4920 with Gas Allowable C-104 waiting on RC C-104 approval.

San Juan 27-4 Unit 59

API # 30-039-20369

This page was edited; removed activity marked in red below.

Recomplete Sundry

4/19/23 MIRU. CK WELL PSI. SICP-85 PSI, SITP-85 PSI, SIICP-0 PSI, SIBHP-0 PSI. BDW. MIRU EXPERT DOWNHOLE SERVICES. N/D TREE. N/U BOP & TEST. R/U FLOOR & TBG EQUIP. R/U SCANNERS. TOO H INSPECTING TBG. SWSI. SDFN.

4/20/23 SICP-179 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. M/U SCRAPER, TIH W/ 37 STDS. PU 2-3/8" TBG TO 8,408'. L/D 3 JTD. TOO H W/132 STDS. SET **4-1/2" CIBP @ 8,358'**. LOAD HOLE. PT CSG TO 640 PSI. GOOD TEST. BD. SISW. SDFN.

4/21/23 SICP-0 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. MIRU WELLCHECK. PT TBG HEAD VOID. GOOD. L/D 76 JTS. PERFORM **MIT WITNESSED BY LENNY MOORE, NMOCD** VIA FACETIME. GOOD TEST. TOO H W/ REM TBG. MIRU BASIN WL. **RUN CBL 6800' TO SURFACE**. SET **4-1/2" CBP @ 6,800'**. POOH. SISW. SDFN.

4/24/23 SICP-0 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. MIRU WELLCHECK. PT BOP. GOOD TEST. N/D BOP, N/U TEST FLANGE. TEST CSG TO 4K, GOOD. N/U BOP. N/D BOP. N/U WH. RDMO. WO FRAC.

5/31/23 N/D TREE, N/U 7" X 5K FRAC STACK, TEST STACK & CSG TO 4,000 PSI X 15 MIN.

6/21/23 MIRU BASIN WL. RIH, **PERF PT LOOKOUT/LOWER MENEFE** W/ 0.33" DIA, 1 SPF @ 6204, 6224, 6235, 6252, 6261, 6290, 6300, 6310, 6320, 6330, 6346, 6361, 6376, 6392, 6414, 6427, 6445, 6463, 6535, 6578, 6674 & 6703' (22 TOTAL HOLES). RU FRAC CREW. **FRAC PT LOOKOUT/LOWER MENEFE**: BDW H2O & 500 GAL 15% HCL, 125,143 LBS 20/40 SAND, 47,292 GAL SLICKWATER, 1.77M SCF N2 70Q. SET **PLUG @ 6,180'**. **PERF CLIFFHOUSE/UPPER MENEFE** W/ 0.33" DIA, 1 SPF @ 5746, 5774, 5866, 5925, 5935, 5945, 5957, 5963, 5973, 5981, 5987, 5995, 6014, 6033, 6041, 6060, 6082, 6107, 6119, 6134, 6149, 6167' (22 HOLES TOTAL). **FRAC CLIFFHOUSE / UPPER MENEFE**: BDW W/ H2O & 500 GAL 15% HCL, 125,212 LBS 20/40 SAND, 44,520 GAL SLICKWATER, 1.65M SCF N2 70 Q. SET **CBP @ 5,592'**. RD FRAC. **TOTAL FRAC LOAD = 2,210 BBLS (INCL 24 BBLS ACID)**. **TOTAL SAND = 250,355 LBS. TOTAL N2 = 3.42 MILLION SCF**.

~~6/22/23 MIRU BASIN WL. **PERF PT LOOKOUT/LOWER MENEFE** W/0.33" 1 SPF @ 5215, 5234, 5283, 5291, 5308, 5317, 5327, 5343, 5351, 5362, 5376, 5410, 5425, 5439, 5450, 5463, 5488, 5524, 5567, 5578'. **FRAC STAGE 1**: BD WELL W/ H2O & 500 GAL 15% HCL. FOAM FRAC W/125,241# 20/40 SAND, 44,940 GAL SLICKWATER, 1.63 MSCF N2 70Q. SET **PLUG @ 5,594'**. **PERF CLIFFHOUSE/UPPER MENEFE @ 5622, 5640, 5662, 5673, 5683, 5695, 5709, 5718, 5732, 5746, 5773, 5782, 5794, 5817, 5863, 5880, 5893, 5910, 5938, 5961, 6014, 6029, 6048, 6062'**. **FRAC STAGE 2**: BDW W/H2O & 500 GAL 15% HCL. FRAC W/125,193# 20/40 AZ SAND, 48,720 GAL SLICKWATER, 1.64 MSCF N2 70Q. SET **CBP @ 5,010'**. CK PLUG, OK. SIW. RD. **TOTAL FRAC LOAD = 2,254 BBLS (INC 24 BBLS ACID)**. **TOTAL SAND = 250,434 LBS. TOTAL N2 = 3.27 MSCF**.~~

~~6/21/23 MIRU BH-0 PSI, INT-0 PSI, CSG-0 PSI (NO BD). INSTALL HANGER, 2 WAY CHECK, ND FRAC VALVE, NU BOP, RU FLOOR. RU WELLCHECK. PT BOP, PIPE & BLIND RAMS. GOOD TEST. RD WELLCHECK. MU 3-7/8" MILL, PU TO 3,000'. RU AIR, UNLOAD WELL. PU TO PLUG @ 5,010'. RU POWER SWVL. EST CIRC WITH AIR/MIST. **DO CBP @ 5,010'**. CIRC CLEAN. SISW. SDFN.~~

6/22/23 SICP-0 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. MIRU. N/D FRAC STACK. N/U BOP & PT. R/U FLOOR & TBG EQUIP. M/U 3-7/8" MILL & BIT SUB. RIH TO 3,125'. UNLOAD WELL W/AIR. CONT RIH, TAG PLUG #1 @ 5,592'. SISW. SDFN.

6/23/23 SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. R/U PWR SWVL & AIR. BREAK CIRC, UNLOAD WELL. AIR/MIST @ 14 BPH. TAG PLUG #1 @ 5,592'. **DO PLUG #1**. CIRC PSI @ 900 PSI. BYPASS AIR, PUMP KILL, HANG BACK PWR SWVL. TAG 44' OF FILL ON TOP OF PLUG. R/U PWR SWVL AND AIR. BREAK CIRC. CLEAN DOWN TO PLUG #2, TAG @ 6,180'. **DO PLUG #2**, CIRC CLEAN. BYPASS AIR, PUMP KILL, HANG BACK PWR SWVL. TIH, TAG PLUG @ 6,659', 141' ABOVE PLUG #3. R/U PWR SWVL & AIR/MIST. CO TO 6,706'. TOO H ABOVE PERFS TO 5,420'. SISW. SDFN.

6/24/23 SICP-700 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. TIH, TAG FILL @ 6,737'. R/U PWR SWVL & AIR/MIST. BREAK CIRC, CO, TAG PLUG @ 6,848', 48' LOWER THAN SET DEPTH.. **DO PLUG #3**. HANG BACK PWR SWVL.

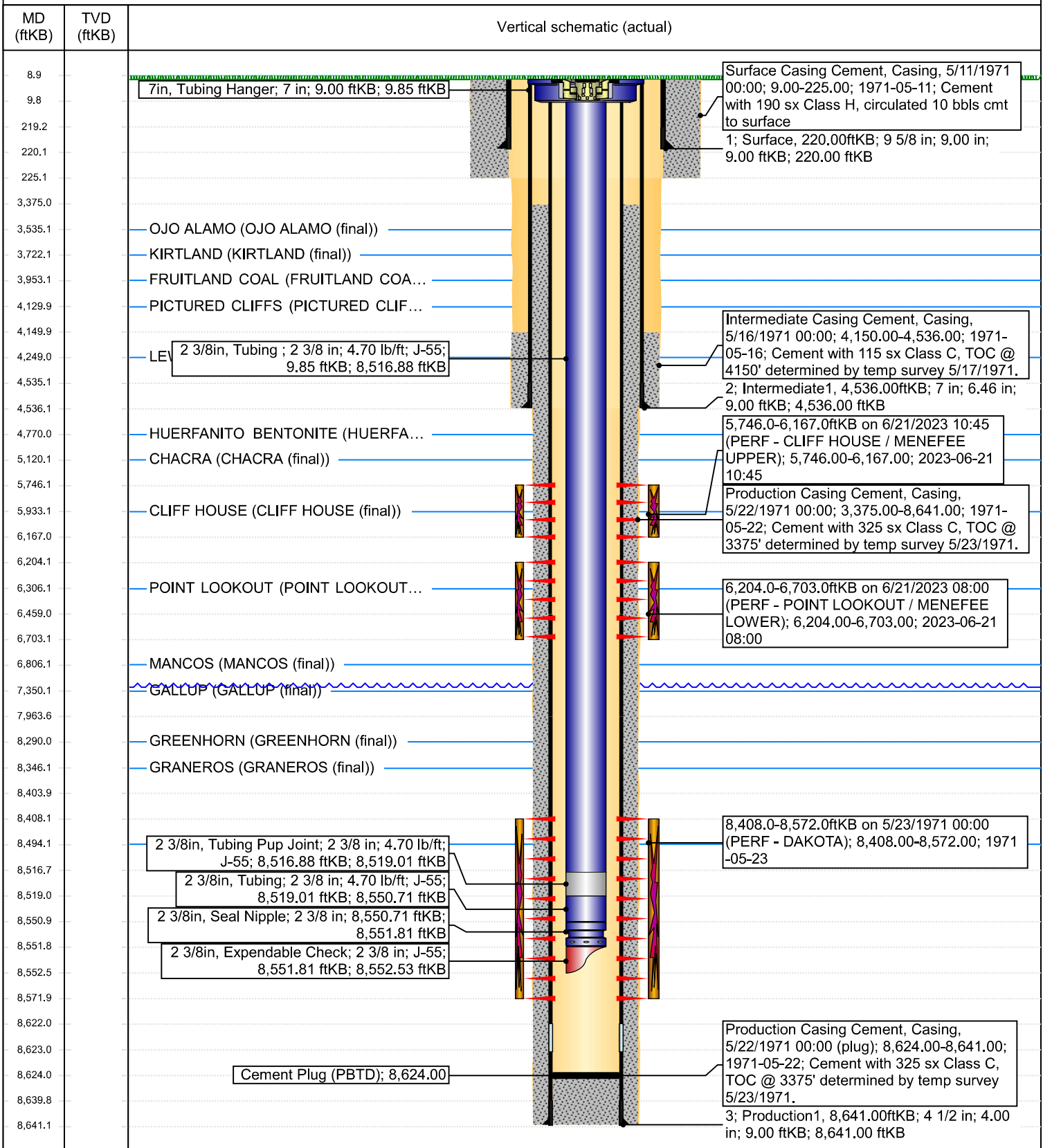


Current Schematic - Version 3

Well Name: **SAN JUAN 27-4 UNIT #59**

API / UWI 3003920369	Surface Legal Location 004-027N-004W-G	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1311	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 7,247.00	Original KB/RT Elevation (ft) 7,256.00	KB-Ground Distance (ft) 9.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole



Cheryl Weston

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, April 24, 2023 2:13 PM
To: Rennick, Kenneth G; Kandis Roland
Cc: Mandi Walker; Ray Brandhurst; Scott Matthews; Bennett Vaughn; Brett Houston; Eliza Ann Moehlman; Ben Hampton; James Osborn
Subject: RE: [EXTERNAL] SJ 27-4 Unit 59 (30-039-20369) CBL

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

NMOCD approves continuing with recomplete from 5732 to 6800

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 24, 2023 11:44 AM
To: Kandis Roland <kroland@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; James Osborn <josborn@hilcorp.com>
Subject: Re: [EXTERNAL] SJ 27-4 Unit 59 (30-039-20369) CBL

BLM finds the proposed perforations appropriate.

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: Monday, April 24, 2023 11:27 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrn.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Kandis Roland <kroland@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; James Osborn <josborn@hilcorp.com>
Subject: [EXTERNAL] SJ 27-4 Unit 59 (30-039-20369) CBL

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

Kenny/Monica,

Attached is the CBL that was ran during the recomplete wellbore prep for the subject well. Hilcorp is requesting permission to move forward with the recomplete as outlined in the approved NOI (MV Perf range: 5732' – 6800'), see link below. Please let me know if you need any additional information.

https://ocdimage.emnrd.nm.gov/Imaging/FileStore/aztec/wf/317010/30039203690000_27_wf.pdf

Thanks,

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

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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.

Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Thursday, July 20, 2023 3:24 PM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: SAN JUAN 27-4 UNIT, Well Number: 59, 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 27-4 UNIT**
- Well Number: **59**
- US Well Number: **3003920369**
- Well Completion Report Id: **WCR2023072088751**

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 MANAGEMENT

FORM 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

5. Lease Serial No. **NMSF080668**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. **San Juan 27-4 Unit**

2. Name of Operator **Hilcorp Energy Company**

8. Lease Name and Well No. **San Juan 27-4 Unit 59**

3. Address **382 Rd 3100, Aztec NM 87410**

3a. Phone No. (include area code) **(505) 333-1700**

9. API Well No. **30-039-20369**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Unit G (SWNE), 1460' FNL & 1800' FEL

10. Field and Pool or Exploratory **Blanco Mesaverde**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 4, T27N, R4W**

At top prod. Interval reported below **Same as above**

12. County or Parish **Rio Arriba** 13. State **New Mexico**

At total depth **Same as above**

14. Date Spudded **5/10/1971**

15. Date T.D. Reached **5/22/1971**

16. Date Completed **6/26/2023**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **7248'**

18. Total Depth: **8641'**

19. Plug Back T.D.: **8624'**

20. Depth Bridge Plug Set: **MD TVD**

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

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
13 3/4"	9 5/8" H-10	32#	0	220'	n/a	190 sx			
8 3/4"	7" K-55	20#	0	4536'	n/a	115 sx			
6 1/4"	4-1/2"N80,K55	11.6 & 10.5#	0	8641'	n/a	325 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"	8552'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse /Upper Menefee	5746'	6167'	1 SPF	.33"	22	open
B) Point Lookout/Lower Menefee	6204'	6703'	1 SPF	.33"	22	open
C)						
D) TOTAL					44	

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

Depth Interval	Amount and Type of Material
5746-6167	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 44,520 gal 70 Q slickwater, 125,212# 20/40 sand, 1.77M SCF N2.
6204-6703	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 47,292 gal 70 Q slick water, 125,143# 20/40 sand, 1.64M SCF N2

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
6/26/2023	6/26/2023	24	➔	0	58 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	
19/64"	360 psi	360 psi	➔	0	58 mcf/d	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			➔						

*(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
Pictured Cliffs	4130'	5933'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4130'
Mesaverde	5933'	5352'			5933'
Menefee	5352'	6337'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5352'
Point Lookout	6337'	7350'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	6337'
Gallup	7350'	8290'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7350'
Greenhorn	8290'	8346'	Highly calc gry sh w/ thin lmst.	Greenhorn	8290'
Graneros	8346'	8494'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	8346'
Dakota	8494'		Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8494'
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-4920. MV PA - NMNM078408A

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 7/18/2023

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 245517

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 245517
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 245517

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 245517
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	Upload CBL to OCD Permitting/ Well Logs	7/28/2023