

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**

<sup>1</sup> Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		<sup>2</sup> OGRID Number 372171
		<sup>3</sup> Reason for Filing Code/ Effective Date RC
<sup>4</sup> API Number 30-039-22447	<sup>5</sup> Pool Name Blanco Mesaverde	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 318433	<sup>8</sup> Property Name San Juan 30-5 Unit	<sup>9</sup> Well Number 51

**II. <sup>10</sup> Surface Location**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
B	21	30N	05W		1000	North	1800	East	Rio Arriba

**<sup>11</sup> 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.
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

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

**IV. Well Completion Data**

<sup>21</sup> Spud Date 9/15/1980	<sup>22</sup> Ready Date 7/17/2023	<sup>23</sup> TD 7860'	<sup>24</sup> PBTD 7790'	<sup>25</sup> Perforations 5080'-5948'	<sup>26</sup> DHC, MC DHC-5170
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
12 1/4"	9 5/8", 36#, K-55	362'	185 sx		
8 3/4"	7", 20#, K-55	3653'	145 sx		
6 1/4"	4 1/2", 10.5 & 11.6#, N-80/K-55	7860'	375 sx		
	2 3/8", 4.7#, J-55	7752'			

**V. Well Test Data**

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date 7/17/2023	<sup>33</sup> Test Date 7/17/2023	<sup>34</sup> Test Length 4	<sup>35</sup> Tbg. Pressure 390 psi	<sup>36</sup> Csg. Pressure 345 psi
<sup>37</sup> Choke Size 18/64"	<sup>38</sup> Oil 0 bbl	<sup>39</sup> Water 0 bbl	<sup>40</sup> Gas 80 mcf		<sup>41</sup> Test Method Flowing

<sup>42</sup> 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: **07/31/2023** Phone: **713-289-2615**

OIL CONSERVATION DIVISION  
Approved by: *Dean R Mollure*  
Title: **Petroleum Engineer**  
Approval Date: **08/10/2023**

<b>Well Name:</b> SAN JUAN 30-5 UNIT	<b>Well Location:</b> T30N / R5W / SEC 21 / NWNE / 36.802444 / -107.35936	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 51	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078739	<b>Unit or CA Name:</b> SAN JUAN 30-5 UNIT--DK	<b>Unit or CA Number:</b> NMNM78419B
<b>US Well Number:</b> 3003922447	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

**Subsequent Report**

**Sundry ID:** 2743880

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 08/01/2023

**Time Sundry Submitted:** 01:30

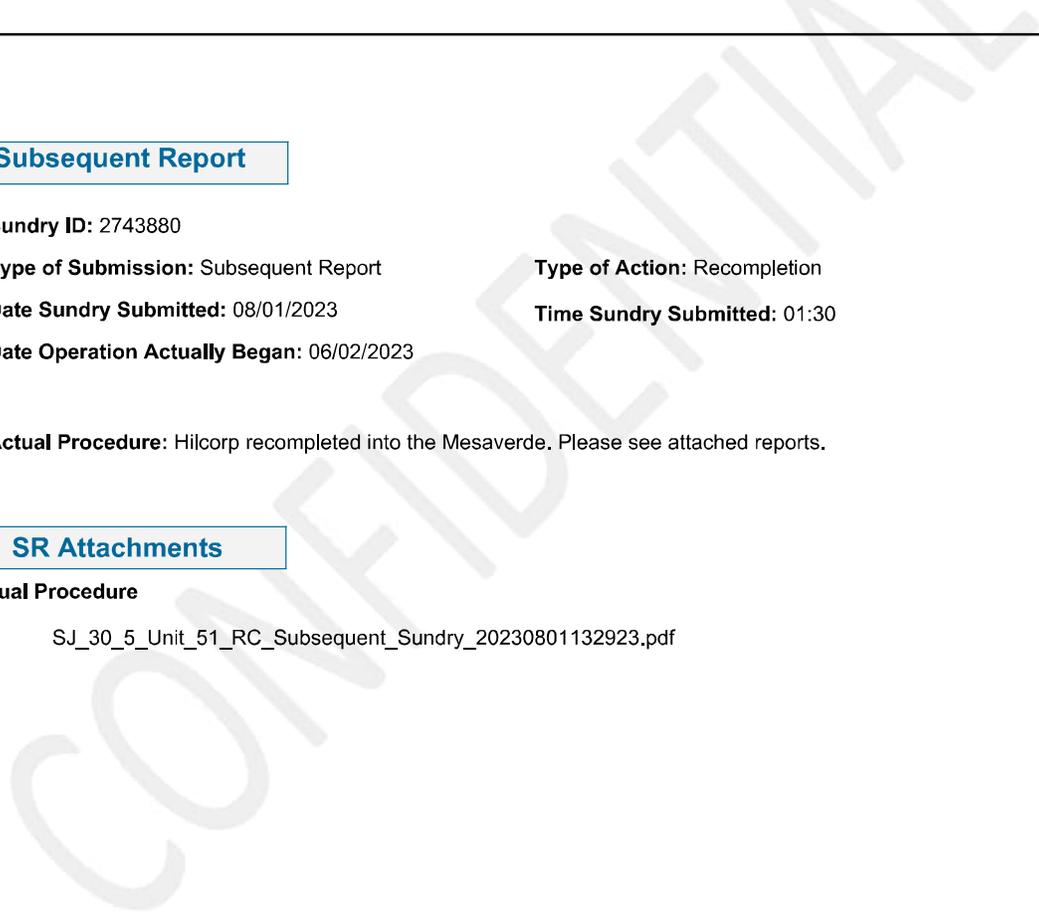
**Date Operation Actually Began:** 06/02/2023

**Actual Procedure:** Hilcorp recompleted into the Mesaverde. Please see attached reports.

**SR Attachments**

**Actual Procedure**

SJ\_30\_5\_Unit\_51\_RC\_Subsequent\_Sundry\_20230801132923.pdf



**Well Name:** SAN JUAN 30-5 UNIT

**Well Location:** T30N / R5W / SEC 21 /  
NWNE / 36.802444 / -107.35936

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 51

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078739

**Unit or CA Name:** SAN JUAN 30-5  
UNIT--DK

**Unit or CA Number:**  
NMNM78419B

**US Well Number:** 3003922447

**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:** AUG 01, 2023 01:29 PM

**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:** 08/01/2023

**Signature:** Matthew Kade

San Juan 30-5 Unit 51  
 API # 30-039-22447  
 Recomplete Subsequent Sundry

- 6/2/2023 MIRU EXPERT SL. CONDUCT PRE-RIG WORK. RDMO EXPERT. MIRU. SITP-130 PSI. SICP-130 PSI. SIICP-0 PSI. SIBHP-30 PSI. OPEN WELL. ND WH, NU BOP. MIRU WELLCHECK. CONDUCT BOP TEST. TEST GOOD. RDMO WELLCHECK. UNSET TBG HNGR, LD HNGR. MIRU T/SCOPE. BEGIN SCAN, TOO H 248 JTS. RDMO T/SCOPE. SISW. SDFWE.
- 6/5/2023 SICP-200 PSI. SIICP-0 PSI. SIBHP-30 PSI. TIH W/ 3.75" CSG SCRAPER TO 7,050'. CONT TIH TO 7,754' (TOP DK PERF @ 7,764'). TOH CSG SCRAPER. TIH,P SET 4 1/2" CIBP @ 7,714'. RU PUMP LINE, CIRC WELL W/120 BBLS WATER. CLOSE PIPE RAMS, PT CSG TO 610 PSI X 30 MIN, TEST GOOD. SISW. SDFN.
- 6/6/2023 SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-35 PSI. OPEN WELL. TOO H W/ TBG SETTING TOOL. TOP OFF CSG. MIRU WELLCHECK. PT UNIT, TEST GOOD. CONDUCT MIT TO 570 PSI X 30 MINS. TEST GOOD, WITNESSED BY LENNY MOORE & CLARENCE SMITH, NMOCD. MIRU BASIN. RUN GR/CBL/CCL ON 4 1/2" CSG FROM 7,712' WLM TO SURFACE. SENT CBL TO NMOCD/BLM. APPROVAL TO PROCEED WITH RECOMPLETE W/COA TO RUN GAS SAMPLES (NMOCD). RDMO BASIN. SISW. SDFN.
- 6/7/2023 SICP-0 PSI. SIICP-0 PSI. SIBHP-35 PSI. OPEN WELL. MIRU BIG RED & WELLCHECK SRVCS. RD FLOOR, ND BOP. ND WH, DRESS UP 4 1/2" CSG STUB. INSTALL 5K TBG HEAD. TEST VOID TO 2,500 PSI. TEST GOOD. NU BOP. MIRU BASIN. RIH, SET 4 1/2" CBP @ 6,048' WLM. RDMO BASIN. ND BOP. INSTALL TEST FLANGE. RU WELLCHECK. PT CSG TO 2,000 PSI X 5 MINS, INCREASE TO 4,000 PSI, LOST ALL PSI @ 3,950 PSI. CHK 4 1/2" CSG VALVE, WELL ON STRONG VACUUM. TEST FAILED. ND TEST FLANGE, RDMO BIG RED & WELLCHECK. NU BOP, RU FLOOR. SISW. SDFN.
- 6/8/2023 SICP -0 PSI, SIICP 0 PSI, SIBHP 35 PSI, OPEN CSG VALVE, ON STRONG VACUUM. RIH, SET COMPRESSION PKR @ 3008'. FILL 2-3/8" X 4-1/2" ANNULUS PSI TO 600 PSI, GOOD. REL PKR. TIH TO 4764', PSI TO 600 PSI, SLOW DROP TO 200 PSI, TIH, TAG TOP OF CIBP @ 6048', PULL UP TO 6006', TEST BELOW PKR TO 600 PSI, GOOD TEST, PULL TO 5699', PSI TO 600 PSI BELOW PKR, GOOD TEST, PULL TO 5385', TEST BELOW PKR FAIL, TEST ABOVE PKR DROPPING 200 PSI 4 MINUTES, CONT TOH, STOPPING EVERY 10 JTS TEST ABOVE PKR FAIL 200 PSI DROP 4 MINUTES, PULL TO 3449', TEST 600 CLOSE RIGHT GATE VALVE, GOOD, TIH TO 5385', TEST ABOVE PKR W/GATE VALVE CLOSED, TO 600 PSI GOOD, REL PKR. SDFN.
- 6/9/2023 SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-35 PSI. OPEN WELL. TIH, SET PKR @ 5,511'. LOAD 2 3/8" X 4 1/2" ANN W/18 BBLS WTR. TEST TO 590 PSI/10 MINS. GOOD TEST. TRIP PKR TO 5,698'. LOAD W/4 BBLS WTR. TEST ABOVE PKR. PUMP IN LEAK 1/2 BPM @ 450 PSI. RU TO TBG. LOAD TBG W/3 BBLS WTR. TEST BELOW PKR. 560 PSI/10 MINS. GOOD TEST. PULL PKR TO 5,636'. PUMP INTO LEAK AT 1/2 BPM AT 450 PSI. PULL PKR TO 5,600'. PUMP INTO LEAK AT 1.0 BPM AT 440 PSI. PULL PKR TO 5,575'. PUMP INTO LEAK AT 1/2 BPM AT 390 PSI. PULL PKR TO 5,543'. PUMPING INTO LEAK AT 1/2 BPM AT 400 PSI. 4 1/2" CSG LEAK AT 5,511' TO 5,698'. CALL HEC ENGINEERING. UNSET PKR & TOO H. PKR IS MISSING 2 OUT OF 3 RBRS. CALL FOR REP PKR. MU S.O.T. 4 1/2" AS1-X PKR, TIH TO 5,511'. CIRC TBG/CSG W/10 BBLS WTR. SET PKR. TEST ABOVE. 590 PSI x 10 MINS. TEST GOOD. TRIP PKR TO 5,575'. TEST ABOVE. PUMP INTO LEAK @ 1/4 BPM AT 425 PSI. NO TEST. RU TO TBG. TEST TO 620 PSI FOR 10 MINS. TEST GOOD. 4 1/2" CASING LEAK FROM 5,511' TO 5,575'. CALL HEC ENGINEERING W/RESULTS. RD LINES, UNSET PKR. TRIP TO 5,400'. SISW. SDFWE.
- 6/12/2023 SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-35 PSI. OPEN WELL. WO ORDERS. TRIP IN/OUT LAYING DOWN ALL WELL TBG FROM DERRICK. RD FLOOR, ND BOP. MIRU BIG RED & WELLCHECK SVCS. NU 5K FRAC STACK. INSTALL TEST HANGER. TEST FRAC STACK TO 4,000 PSI. TEST GOOD. RDMO BIG RED & WELLCHECK. SISW. RDMO. WO FRAC.

- 7/12/2023 MIRU BASIN WL. RIH, PERF STAGE 1 (PT LOOKOUT/LOWER MENEFE) W/ 0.33", 1 SPF @ 5550, 5562, 5570, 5579, 5587, 5596, 5603, 5616, 5623, 5635, 5652, 5662, 5697, 5708, 5736, 5745, 5756, 5794, 5817, 5832, 5858, 5899, 5919, 5948' (24 HOLES). RU FRAC CREW. FRAC STAGE 1: BDW WITH WATER AND 500 GAL 15% HCL. FOAM FRAC PT LOOKOUT/LOWER MENEFE WITH 125,505 LBS 20/40 SAND, 44,520 GAL SLICKWATER AND 1.58 MILLION SCF N2 70 Q. SET FRAC PLUG @ 5,530'. PERF STAGE 2, (CLIFFHOUSE/UPPER MENEFE) W/0.33", 1 SPF @ 5080, 5102, 5306, 5307, 5319, 5330, 5343, 5355, 5371, 5378, 5384, 5392, 5393, 5415, 5437, 5445, 5459, 5472, 5490, 5515' (20 HOLES). POOH. FRAC STAGE 2: BDW WITH WATER AND 500 GAL 15% HCL. FOAM FRAC CLIFFHOUSE/UPPER MENEFE WITH 118,797 LBS 20/40 SAND, 42,546 GAL SLICKWATER AND 1.44 MILLION SCF N2 70 Q. RIH, SET CBP @ 4,889'. BLEED OFF, PLUG HELD. SIW. RD. TOTAL FRAC LOAD = 2097 BBLS (INCLUDING 24 BBLS OF ACID). TOTAL SAND = 244,302 LBS. TOTAL N2 = 3.02M SCF.
- 7/14/2023 MIRU. SICP-0 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. ND FRAC STACK. NU BOP & PT. GOOD TEST. RU FLOOR, FLOW LINES. TIH W/3-7/8" 3-BLADE MILL & BIT SUB TO 3,133'. BRING ON AIR, UNLOAD WELL. CONT TIH. TAG PLUG #1 @ 4,889'. RU PWR SWVL & AIR/MIST 13 BPH. BREAK CIRC & DO PLUG #1. HANG BACK SWVL. TIH, TAG SAND & PLUG PARTS @ 5,484'. PUMP KILL. TOOH 10 STDS. SDFN.
- 7/15/2023 SICP-1,100 PSI, SITP-0 PSI, (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. OPEN WELL. TIH, RE-TAG FILL. RU SWVL/AIR. BREAK CIRC, LET WELL UNLOAD. CO, TAG PLUG #2 @ 5,530'. DO PLUG. CIRC CLEAN. TIH, TAG SAND @ 5,905'. CO TO PLUG #3 @ 6,074'. CO SAND BEFORE CONT. DO PLUG. CHASE PLUG DOWN WB. SLOW CHASING IT TO 6,825'. PUMP KILL, POOH 30 STNDS. SWI. SDFN.
- 7/16/2023 SICP-500 PSI, SITP-0 PSI, (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. OPEN WELL UP. TIH, TAG PLUG PARTS @7,683'. RU PWR SWVL AND AIR/MIST @ 13 BPH. BREAK CIRC, UNLOAD WELL. CO TO PLUG #4 @ 7,714'. DO PLUG, LET WELL CIRC. TIH, TAG PLUG PARTS ON BTM. CO TO PBTD @ 7,790'. CIRC & CLEAN UP. PUMP KILL. RD SWVL, LD 1 JT. TOOH. PUMP 20 BBL KILL. MU PROD BHA, RIH 70 STNDS. SDFN.
- 7/17/2023 SICP-500 PSI, SITP-0 PSI, (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. OPEN WELL UP. CONT TIH. LAND 270 JTS 2 3/8", 4.7#, J-55 TBG @ 7752' (SN @ 7750'). RD FLOOR. ND BOP, NU WH. DROP BALL AND PT TBG TO 500 PSI - GOOD TEST. PUMP OFF EXP CHECK, UNLOAD WELL. RDRR.

This well is currently producing as a Mesaverde/Dakota commingle with Gas Allowable C-104 waiting on RC C-104 approval.

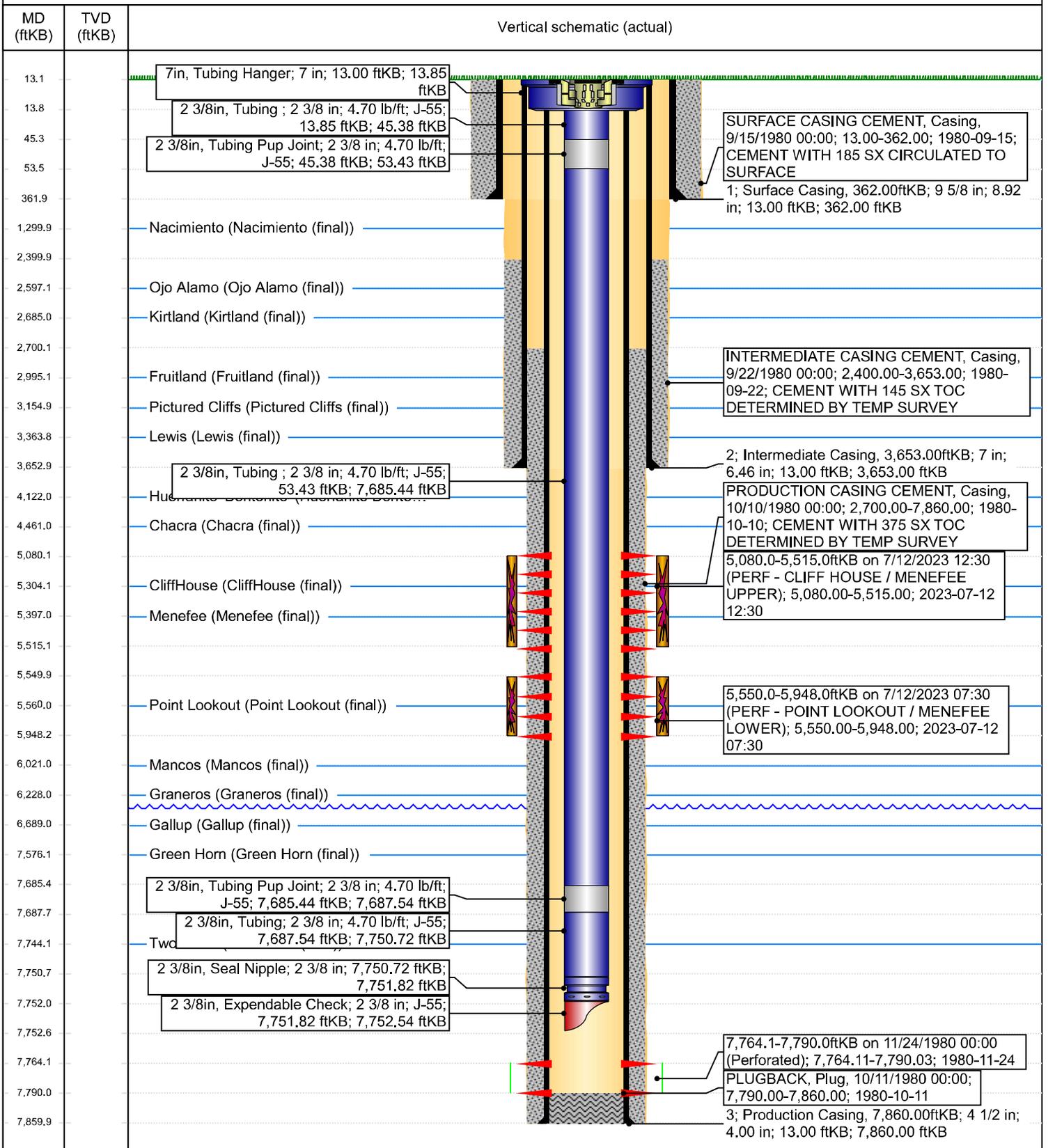


Current Schematic - Version 3

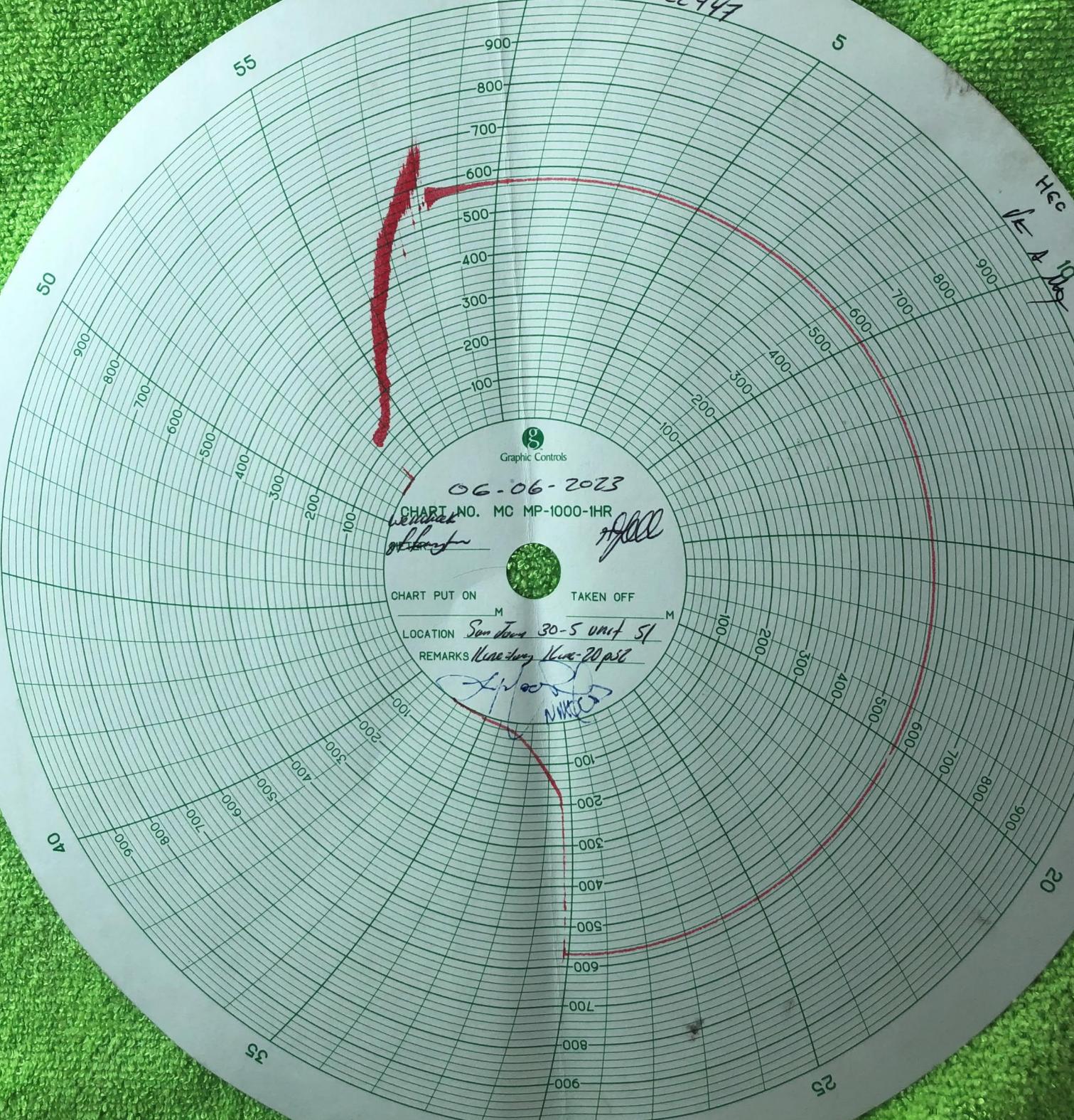
Well Name: SAN JUAN 30-5 UNIT #51

API / UWI 3003922447	Surface Legal Location 021-030N-005W-B	Field Name DK	Route 1204	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]



HiCorp  
60 0 52217-034-0056  
30-039-22447



06-06-2023

CHART NO. MC MP-1000-IHR

CHART PUT ON \_\_\_\_\_ M TAKEN OFF \_\_\_\_\_ M

LOCATION San Juan 30-5 unit 51

REMARKS Manufacture Valve 20 psi

*[Handwritten signature]*  
NIKEL

Hec  
K A 10  
Vic

Cheryl Weston

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From: Rennick, Kenneth G <krennick@blm.gov>  
Sent: Wednesday, June 7, 2023 11:48 AM  
To: Cheryl Weston; Kuehling, Monica, EMNRD  
Cc: Mandi Walker; Ben Hampton; Bennett Vaughn  
Subject: Re: [EXTERNAL] San Juan 30-5 Unit 51 (30-039-22447) - CBL

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

Thank you for the information, Cheryl.

Kenneth (Kenny) Rennick

Petroleum Engineer

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

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

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From: Cheryl Weston <cweston@hilcorp.com>  
Sent: Wednesday, June 7, 2023 10:29 AM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
Cc: Mandi Walker <mwalker@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>  
Subject: [EXTERNAL] San Juan 30-5 Unit 51 (30-039-22447) - CBL

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

Monica/Kenny,

Per your request, attached is the CBL that was ran during the recomplete wellbore prep for the subject well on 6/6/2023.

The below link is the approved NOI. Please let us know if you need any additional information.

[30039224470000\\_02\\_04\\_2022\\_02\\_32\\_50.pdf \(nm.gov\)](#)

Thanks,



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

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Cheryl Weston

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From: blm-afmss-notifications@blm.gov  
Sent: Tuesday, August 1, 2023 3:22 PM  
To: Cheryl Weston  
Subject: [EXTERNAL] Well Name: SAN JUAN 30-5 UNIT, Well Number: 51, 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 30-5 UNIT**
- Well Number: **51**
- US Well Number: **3003922447**
- Well Completion Report Id: **WCR2023080188842**

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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. **NMSF078739**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
**San Juan 30-5 Unit**

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

8. Lease Name and Well No.  
**San Juan 30-5 Unit 51**

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

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

9. API Well No.  
**30-039-22447**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Unit B (NWNE), 1000' FNL & 1800' FEL**

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

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 21, T30N, R5W**

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  
**9/15/1980**

15. Date T.D. Reached  
**9/20/1980**

16. Date Completed **7/17/2023**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6414'**

18. Total Depth: **7860'**

19. Plug Back T.D.: **7790'**

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" K-55	36#	0	362'	n/a	185 sx			
8 3/4"	7" K-55	20#	0	3653'	n/a	145 sx			
6 1/4"	4 1/2" N80,K55	10.5#, 11.6#	0	7860'	n/a	375 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"	7752'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse/Upper Menefee	5080'	5515'	1 SPF	.33"	20	open
B) Pt Lookout/Lower Menefee	5550'	5948'	1 SPF	.33"	24	open
C)						
D)						
E) TOTAL					44	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse/Upper Menefee	5080'	5515'	1 SPF	.33"	20	open
B) Pt Lookout/Lower Menefee	5550'	5948'	1 SPF	.33"	24	open
C)						
D)						
E) TOTAL					44	

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

Depth Interval	Amount and Type of Material
5080-5515	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 42,546 gal of 70 Q slick water, 118,797# 20/40 sand, 1.44M SCF N2
5550-5948	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 44,520 gal of 70 Q slick water, 125,505# 20/40 sand, 1.58M 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
7/17/2023	7/17/2023	4	➔	0	80 mcf/d	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	
18/64"	390 psi	345 psi	➔	0	80 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
Ojo Alamo		2685'	White, cr-gr ss	Ojo Alamo	'
Kirtland	2685'	2995'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2685'
Fruitland	2995'	3155'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2995'
Pictured Cliffs	3155'	'			3155'
Lewis		3975'	Shale w/ siltstone stringers	Lewis	'
Chacra	3975'	4625'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3975'
Cliffhouse	4625'	'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4625'
Menefee		5550'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	'
Point Lookout	5550'	6021'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5550'
Mancos	6021'	6689'	Dark gry carb sh.	Mancos	6021'
Gallup	6689'	7579'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6689'
Greenhorn	7579'	'	Highly calc gry sh w/ thin Imst.	Greenhorn	7579'
Graneros		7759'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	'
Dakota	7759'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7759'
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-5170. MV PA - NMNM78419A**

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 7/31/2023

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 246771

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 246771
	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 246771

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 246771
	Action Type: [C-104] Completion Packet (C-104C)

**CONDITIONS**

Created By	Condition	Condition Date
dmcclure	None	8/10/2023