

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 30-039-20237	<sup>5</sup> Pool Name Blanco Mesaverde	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 318708	<sup>8</sup> Property Name San Juan 28-5 Unit	<sup>9</sup> Well Number 79

**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
M	7	28N	05W		1150	South	1000	West	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
151618	Enterprise	G

**IV. Well Completion Data**

Original perf range 4431'-5838' was revised per BLM/OCD approvals to: 4431'-6062'.

<sup>21</sup> Spud Date 7/10/1969	<sup>22</sup> Ready Date 6/25/2023	<sup>23</sup> TD 7982'	<sup>24</sup> PBTB 7970'	<sup>25</sup> Perforations 5215'-6062'	<sup>26</sup> DHC DHC-5283
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
13 3/4"	9 5/8", 32#, H-40	228'	165 sx		
8 3/4"	7", 20#, K-55	3725'	200 sx		
6 1/4"	4 1/2", 11.6#, N-80 10.5#, J-55	7982'	365 sx		
	2 3/8", 4.7#, J-55	7874'			

**V. Well Test Data**

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date 6/25/2023	<sup>33</sup> Test Date 6/25/2023	<sup>34</sup> Test Length 4 hrs	<sup>35</sup> Tbg. Pressure 400 psi	<sup>36</sup> Csg. Pressure 260 psi
<sup>37</sup> Choke Size 21/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 0	<sup>40</sup> Gas 85	<sup>41</sup> Test Method	

<sup>s42</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: 7/14/2023

Phone: 713-289-2615

OIL CONSERVATION DIVISION

Approved by: Sarah McGrath

Title:

Petroleum Specialist - A

Approval Date:

07/19/2023

Upload CBLs to OCD Permitting/ Well Logs

<b>Well Name:</b> SAN JUAN 28-5 UNIT	<b>Well Location:</b> T28N / R5W / SEC 7 / SWSW / 36.671524 / -107.405472	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 79	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM010516	<b>Unit or CA Name:</b> SAN JUAN 28-5 UNIT--DK	<b>Unit or CA Number:</b> NMNM78411B
<b>US Well Number:</b> 3003920237	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

**Subsequent Report**

**Sundry ID:** 2740316

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 07/17/2023

**Time Sundry Submitted:** 04:48

**Date Operation Actually Began:** 04/05/2023

**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\_28\_5\_Unit\_79\_RC\_Subsequent\_Sundry\_20230711100352.pdf

**Well Name:** SAN JUAN 28-5 UNIT

**Well Location:** T28N / R5W / SEC 7 /  
SWSW / 36.671524 / -107.405472

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

**Well Number:** 79

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM010516

**Unit or CA Name:** SAN JUAN 28-5  
UNIT--DK

**Unit or CA Number:**  
NMNM78411B

**US Well Number:** 3003920237

**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 17, 2023 04:47 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:** DAVE J MANKIEWICZ

**BLM POC Title:** AFM-Minerals

**BLM POC Phone:** 5055647761

**BLM POC Email Address:** DMANKIEW@BLM.GOV

**Disposition:** Accepted

**Disposition Date:** 07/19/2023

**Signature:** Dave J Mankiewicz

**San Juan 28-5 Unit 79**

API # 30-039-20237

Recomplete Sundry

**4/5/23** BH-0 PSI, INT CSG-0 PSI, CSG-140 PSI, TBG-140 PSI. MIRU. BWD. ND WH, NU BOP. PT BOP, GOOD. RU TUBING SCANNERS. LD 18 OF 257 JOINTS. RD SCANNERS. SIW. SDFN.

**4/6/23** SIBHP-0 PSI, SIICP-0 PSI, SICP-130 PSI, SITP-N/A. RUN SCRAPER TO 7,760'. LOAD INT CSG. RIH & SET **4-1/2" CIBP @ 7720'**. CIRC WELL TO CLEAN UP. ATT TO PT CSG. COULD NOT GET OVER 200 PSI. HAD FLOW OUT OF INT CSG VALVE. TOOH WITH 55 STDS. SI WELL.

**4/10/23** SIBHP-0 PSI, SIICP-0 PSI, SICP-0 PSI, SITP-0. BDW. TOH W/REM TBG. ATTEMPT FILL HOLE. COMM BETWEEN 4-1/2" CSG TO INT CSG FROM SURFACE. SET PKR @ 30'. PT 4.5" CSG BELOW PKR TO CIBP @ 7720' TO 590 PSI X15 MIN, OK. ATT PT ABOVE PKR, NEGATIVE. ND BOP. NO PACK OFF BETWEEN 4.5" CSG & TBG HEAD. STUB-UP 4-1/2" CSG. NU 7", 5K TBG HEAD. NU BOP. PT TBG HEAD, 4-1/2" PROD CSG & CIBP TO 620 PSI, GOOD TEST. SWI. SDFN. **SCHEDULED MIT W/NMOCD FOR 08:30 HRS ON 4/11/23.**

**4/11/23** SICP-0, SITP-NA, SIICP-0, SIBHP-0. PERFORM MIT ON 4-1/2" CSG TO 560 PSI X30 MIN, GOOD TEST. TEST WITNESSED OVER FACE TIME. **RUN CBL. RIH SET 4-1/2" CBP @ 6160'**. ND BOP. PT WH & 4-1/2" CSG T/4000 PSI. **MONICA KUEHLING W/NMOCD SIGNED & APPROVED MIT ON 4/11/23.**

**4/12/23** NO PRESSURE. OPEN WELL. TIH W/238 JTS 2-3/8" TBG & LD SAME. ND BOP. FILL HOLE W/FRESH WATER. SWI. RDMO. **SENT CBL TO BLM/OCD W/REQUEST FOR PERMISSION TO ADJUST PERF RANGE FROM 4431'-5838' TO 4431'-6062'.** BLM APPROVAL BY KENNY RENNICK. **4/19/23 NMOCD APPROVAL BY MONICA KUEHLING.**

**5/30/23** ND TREE, NU 7" X 5K FRAC STACK, TEST STACK AND CSG TO 4,000 PSI X 15 MINUTES.

**6/20/23** MIRU BASIN WL. RIH & **PERF PT LOOKOUT/LOWER MENELEE @ 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/WATER & 500 GAL 15% HCL. FOAM FRAC W/125,241# 20/40 AZ SAND, 44,940 GAL SLICKWATER, 1.63 MSCF N2 70Q. RIH, SET FRAC PLUG @ 5,594'. **PERF CLIFFHOUSE/UPPER MENELEE @ 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:** BD WELL W/WATER & 500 GAL 15% HCL. FOAM FRAC W/125,193# 20/40 AZ SAND, 48,720 GAL SLICKWATER, 1.64 MSCF N2 70Q. SET **CBP @ 5,010'**. CHECK PLUG. PLUG HELD. SI WELL. 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 (CHARTED), GOOD TEST. RD WELLCHECK. MU 3-7/8" MILL. TALLY & PU TUBING TO 3,000'. RU AIR UNIT, UNLOAD WELL W/AIR. PU TBG TO PLUG @ 5,010'. RU POWER SWIVEL. EST CIRC WITH AIR/MIST. **DO CBP AT 5,010'**. CIRC CLEAN. LD TUBING TO 4,870'. SECURE WELL. SDFN.

**6/22/23** BH- 0 PSI, INT- 0 PSI, CSG- 570 PSI, TBG- 0 PSI (BD IN 20 MIN). PU TUBING TO PLUG AT 5,594'. EST CIRC WITH AIR/MIST. DO FRAC PLUG. PU TUBING AND TAG 85' OF FILL ABOVE PLUG AT 6,160'. CO FILL & DO CBP. TALLY AND PU TUBING TO CIBP @ 7,720'. PU SWIVEL. EST CIRC WITH AIR/MIST. DO CIBP. PU TUBING AND TAG 10' OF FILL AT 7,960' (**PBTD- 7,970'**). TOOH W/TBG ABOVE PERFS. SECURE WELL. SDFN.

**6/23/23** BH-0 PSI, INT-0 PSI, CSG-480 PSI, TBG-0 PSI. TOH W/TUBING, LD BIT. TAG 15' OF FILL AT 7,955' (**PBTD- 7,970'**). PU SWIVEL, CO FILL TO PBTD. LAND 254 JTS 2-3/8" 4.7# J-55 **TUBING @ 7874'** (SN @ 7873'). RD FLOOR, ND BOP. NU WH. PT TUBING & EXP CHECK. RR.

**This well is currently producing as a MV/DK Commingle on DHC-5283 with Gas Allowable C-104 waiting on RC C-104 approval.**

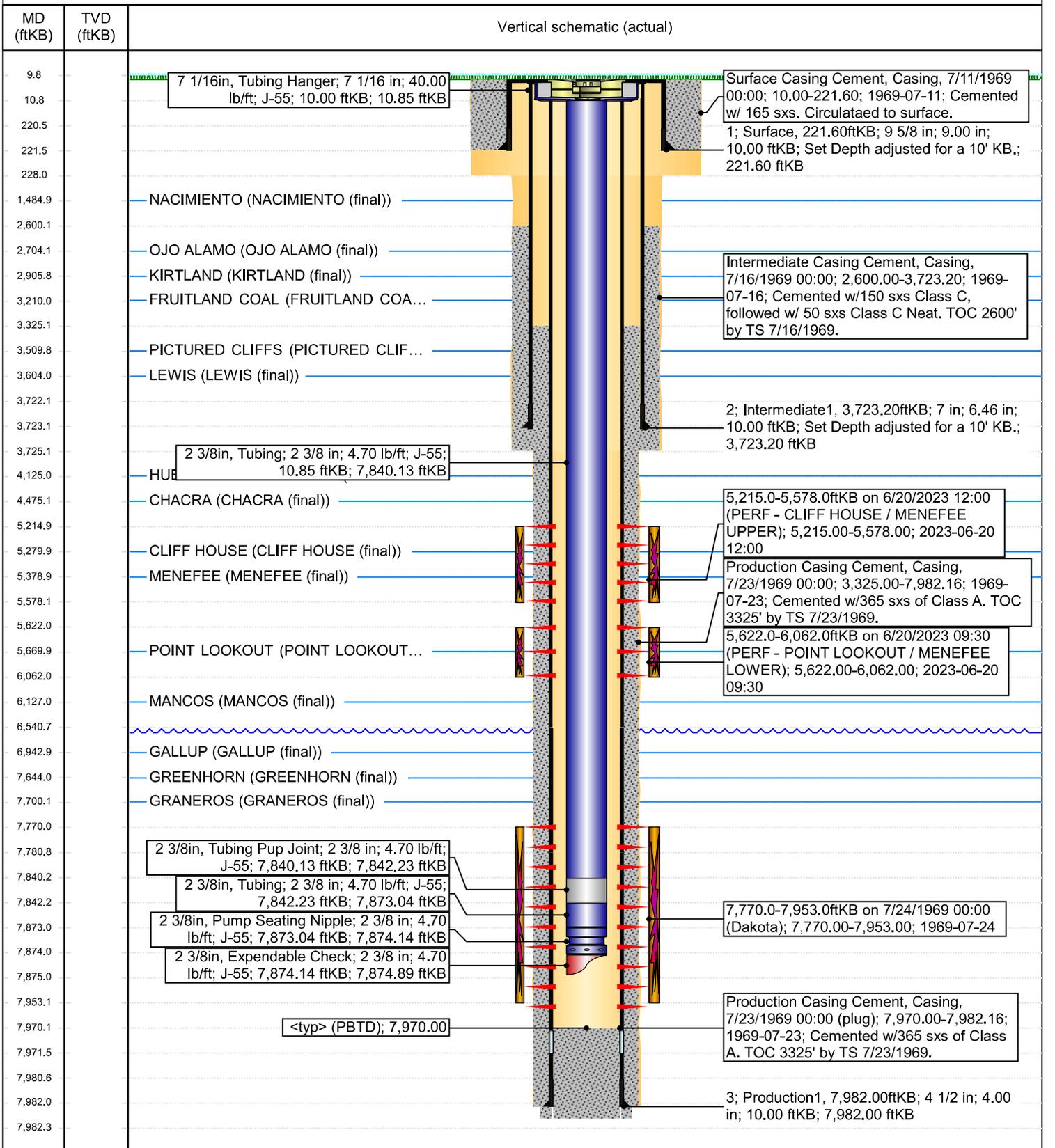


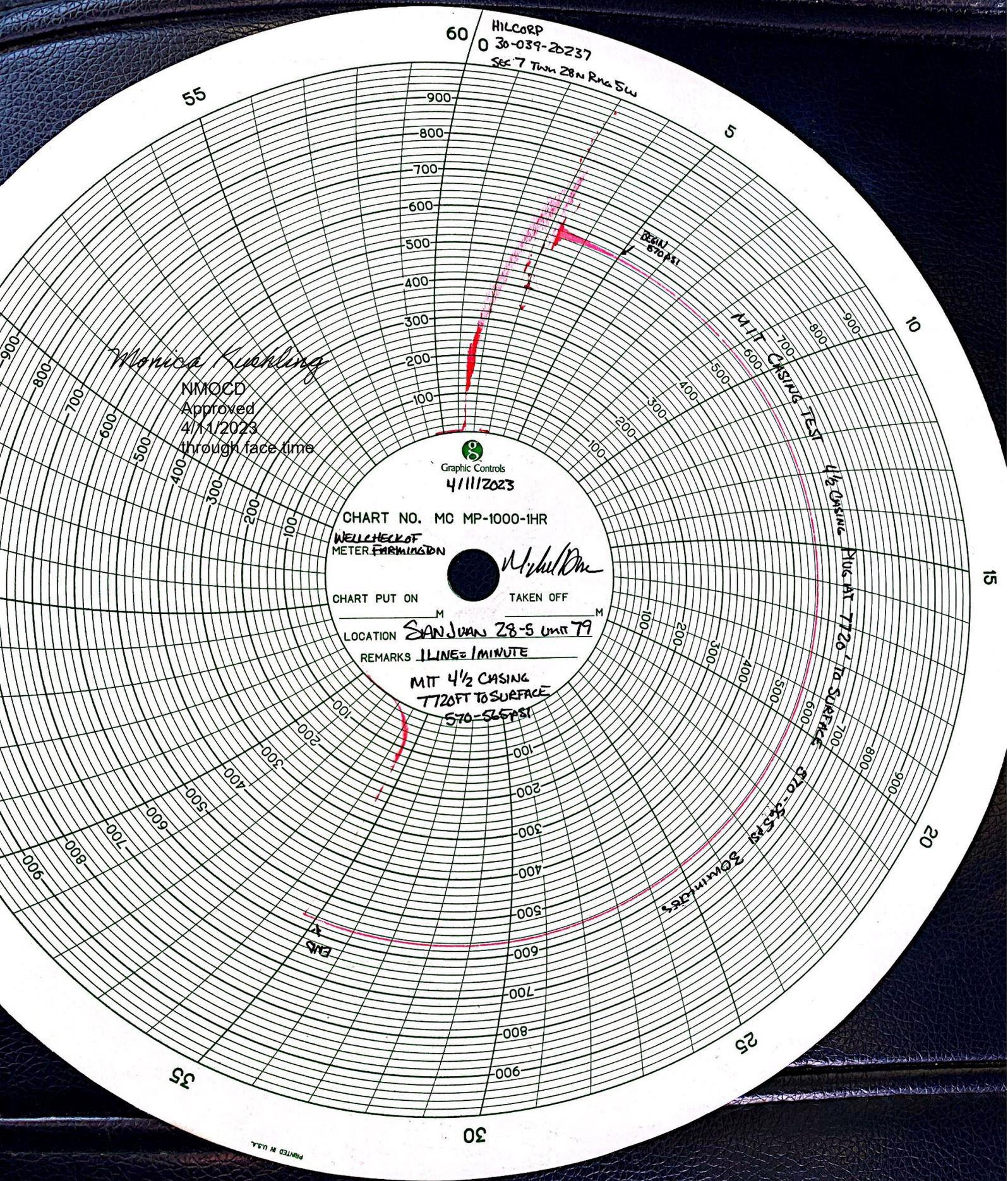
### Current Schematic - Version 3

Well Name: SAN JUAN 28-5 UNIT #79

API / UWI 3003920237	Surface Legal Location 007-028N-005W-M	Field Name BASIN DAKOTA (PRORATED G #0068	Route 1304	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,606.00	Original KB/RT Elevation (ft) 6,616.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

### Original Hole [VERTICAL]





*Monica Kuehling*  
 NMOCD  
 Approved  
 4/11/2023  
 through face time

Graphic Controls  
 4/11/2023

CHART NO. MC MP-1000-1HR  
 WELL CHECK OF  
 METER FIRMINGDON

CHART PUT ON \_\_\_\_\_ M TAKEN OFF \_\_\_\_\_ M  
 LOCATION SAN JUAN 28-5 UNIT 79

REMARKS 1 LINE = 1 MINUTE

MIT 4 1/2 CASING  
7720 FT TO SURFACE  
570-565 PSI

MIT CASING TEST

4 1/2 CASING PLOG AT 7720' TO SURFACE

570-565 PSI 30 MINUTES

PRINTED IN U.S.A.

Cheryl Weston

---

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Sent: Wednesday, April 19, 2023 4:32 PM  
To: Kandis Roland; Kenneth (Kenny) (krennick@blm.gov)  
Cc: Scott Matthews; Ray Brandhurst; Monica Ardoin; James Osborn; Ben Hampton; Bennett Vaughn; Eliza Ann Moehlman; Brett Houston; Mandi Walker  
Subject: RE: [EXTERNAL] San Juan 28-5 Unit 79 (30-039-20237)

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

NMOCD approval is given to recomplete in adjusted perforations from 4431 to 6062.

Note all changes on subsequent and include approval emails.

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, April 12, 2023 8:47 AM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kenneth (Kenny) (krennick@blm.gov) <krennick@blm.gov>  
Cc: Scott Matthews <scmatthews@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Monica Ardoin <mardoin@hilcorp.com>; James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@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: [EXTERNAL] San Juan 28-5 Unit 79 (30-039-20237)

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

Monica/Kenny,

Attached is the CBL that was ran during the recomplete wellbore prep for the subject well. Hilcorp is requesting to adjust MV Perf range from: 4431' – 5838' to 4431' – 6062'. Please note that the requested perf ranges is larger than the NOI perf range however it is still all inside the MV zone. Link below is for the approved NOI. Please let me know if you need any additional information.

Cheryl Weston

---

From: Rennick, Kenneth G <krennick@blm.gov>  
Sent: Wednesday, April 12, 2023 10:16 AM  
To: Kandis Roland; Kuehling, Monica, EMNRD  
Cc: Scott Matthews; Ray Brandhurst; Monica Ardoin; James Osborn; Ben Hampton; Bennett Vaughn; Eliza Ann Moehlman; Brett Houston; Mandi Walker  
Subject: Re: [EXTERNAL] San Juan 28-5 Unit 79 (30-039-20237)

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

The proposed perforations are 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](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

From: Kandis Roland <kroland@hilcorp.com>  
Sent: Wednesday, April 12, 2023 8:47 AM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrn.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
Cc: Scott Matthews <scmatthews@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Monica Ardoin <mardoin@hilcorp.com>; James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@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: [EXTERNAL] San Juan 28-5 Unit 79 (30-039-20237)

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 recomplete wellbore prep for the subject well. Hilcorp is requesting to adjust MV Perf range from: 4431' – 5838' to 4431' – 6062'. Please note that the requested perf ranges is larger than the NOI perf range however it is still all inside the MV zone. Link below is for the approved NOI. Please let me know if you need any additional information.

[https://ocdimage.emnrd.nm.gov/Imaging/FileStore/santafe/wf/20230125/30039202370000\\_01\\_25\\_2023\\_08\\_44\\_34.pdf](https://ocdimage.emnrd.nm.gov/Imaging/FileStore/santafe/wf/20230125/30039202370000_01_25_2023_08_44_34.pdf)

Thanks,

Kandis Roland  
HILCORP ENERGY  
San Juan East/South Regulatory  
713.757.5246  
[kroland@hilcorp.com](mailto:kroland@hilcorp.com)

---

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

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: Tuesday, July 18, 2023 6:13 PM  
To: Cheryl Weston  
Subject: [EXTERNAL] Well Name: SAN JUAN 28-5 UNIT, Well Number: 79, 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 28-5 UNIT**
- Well Number: **79**
- US Well Number: **3003920237**
- Well Completion Report Id: **WCR2023071888608**

---

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**

5. Lease Serial No.  
**NMNM010516**

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
**San Juan 28-5 Unit**

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

8. Lease Name and Well No.  
**San Juan 28-5 Unit 79**

3. Address **382 Rd 3100, Aztec NM 87410** 3a. Phone No. (include area code)  
**(505) 333-1700**

9. API Well No.  
**30-039-20237**

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

At surface **Unit M (SWSW), 1150' FSL & 1000' FWL**

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

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 7, T28N, 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 **7/10/1969** 15. Date T.D. Reached **7/24/1969** 16. Date Completed **6/25/2023**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6606'**

18. Total Depth: **7982'** 19. Plug Back T.D.: **7970'** 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
13 3/4"	9 5/8" H-40	32#	0	228'	n/a	165 sx			
8 3/4"	7" K-55	20#	0	3725'	n/a	200 sx			
6 1/4"	4-1/2"N80,J55	11.6 & 10.5#	0	7982'	n/a	365 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"	7874'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout/Lower Menefee	5215'	5578'	1 SPF	.33"	20	open
B) Cliffhouse /Upper Menefee	5622'	6062'	1 SPF	.33"	24	open
C)						
D) TOTAL					44	

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5215-5578	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 44,940 gal of 70 Q slick water, 125,241# 20/40 sand, 1.63M SCF N2
5622-6062	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 48,720 gal of 70 Q slick water, 125,193# 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
6/25/2023	6/25/2023	4	→	0	85 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	
21/64"	400 psi	260 psi	→	0	85 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		'	White, cr-gr ss	<b>Ojo Alamo</b>	'
Kirtland		'	Gry sh interbedded w/tight, gry, fine-gr ss.	<b>Kirtland</b>	'
Fruitland		<b>3505'</b>	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	<b>Fruitland</b>	<b>3505'</b>
Pictured Cliffs	<b>3505'</b>	'			
Lewis		'	Shale w/ siltstone stingers	<b>Lewis</b>	'
Chacra		<b>5280'</b>	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	<b>Chacra</b>	'
Cliffhouse	<b>5280'</b>	<b>5352'</b>	Light gry, med-fine gr ss, carb sh & coal	<b>Mesaverde</b>	<b>5280'</b>
Menefee	<b>5352'</b>	<b>5670'</b>	Med-dark gry, fine gr ss, carb sh & coal	<b>Menefee</b>	<b>5352'</b>
Point Lookout	<b>5670'</b>	<b>6160'</b>	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	<b>Point Lookout</b>	<b>5670'</b>
Mancos	<b>6160'</b>	<b>6943'</b>	Dark gry carb sh.	<b>Mancos</b>	<b>6160'</b>
Gallup	<b>6943'</b>	<b>7700'</b>	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	<b>Gallup</b>	<b>6943'</b>
Greenhorn	<b>7700'</b>	'	Highly calc gry sh w/ thin lmst.	<b>Greenhorn</b>	<b>7700'</b>
Graneros		<b>7829'</b>	Dk gry shale, fossil & carb w/ pyrite incl.	<b>Graneros</b>	'
Dakota	<b>7829'</b>		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	<b>Dakota</b>	<b>7829'</b>
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss		

32. Additional remarks (include plugging procedure):

**This well is currently producing as a MV/DK commingle per DHC-5283. MV PA - NMNM078411A**

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 7/10/2023

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 242022

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 242022
	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.

**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**

CONDITIONS

Action 242022

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 242022
	Action Type: [C-104] Completion Packet (C-104C)

**CONDITIONS**

Created By	Condition	Condition Date
smcgrath	Upload CBLs to OCD Permitting/ Well Logs	7/19/2023