

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 30-039-20619	<sup>5</sup> Pool Name Basin Mancos		<sup>6</sup> Pool Code 97232
<sup>7</sup> Property Code 318710	<sup>8</sup> Property Name San Juan 28-6 Unit		<sup>9</sup> Well Number 183

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

UI or lot no. G	Section 13	Township 27N	Range 06W	Lot Idn	Feet from the 1840	North/South Line North	Feet from the 1565	East/West Line East	County Rio Arriba
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<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

<sup>21</sup> Spud Date 5/28/1973	<sup>22</sup> Ready Date 11/02/2023	<sup>23</sup> TD 7612'	<sup>24</sup> PBTD 7603'	<sup>25</sup> Perforations 6530'-6770'	<sup>26</sup> DHC, MC DHC-5332
<sup>27</sup> Hole Size		<sup>28</sup> Casing & Tubing Size		<sup>29</sup> Depth Set	
13 ¾"		9 5/8", K-55, 32.3#		231'	
8 ¾"		7", K-55, 20#		3480'	
6 ¼"		4 ½", J-55, 10.5# & 11.6#		7612'	
		2 3/8", J-55, 4.7#		7539'	

V. Well Test Data

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date 11/02/2023	<sup>33</sup> Test Date 11/02/2023	<sup>34</sup> Test Length 4 hrs	<sup>35</sup> Tbg. Pressure 700 psi	<sup>36</sup> Csg. Pressure 680 psi
<sup>37</sup> Choke Size 23/64"	<sup>38</sup> Oil 0 bbl	<sup>39</sup> Water 0 bbl	<sup>40</sup> Gas 23 mcf		<sup>41</sup> Test Method

<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		OIL CONSERVATION DIVISION	
Printed name: Cherylene Weston		Approved by: Sarah McGrath	
Title: Operations Regulatory Tech Sr.		Title: Petroleum Specialist - A	
E-mail Address: cweston@hilcorp.com		Approval Date: 11/21/2023	
Date: 11/13/2023	Phone: 713-289-2615		

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		<sup>3</sup> Reason for Filing Code/ Effective Date RC
<sup>4</sup> API Number 30-039-20619	<sup>5</sup> Pool Name Blanco Mesaverde	
<sup>6</sup> Pool Code 72319		
<sup>7</sup> Property Code 318710	<sup>8</sup> Property Name San Juan 28-6 Unit	<sup>9</sup> Well Number 183

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UI or lot no. G	Section 13	Township 27N	Range 06W	Lot Idn	Feet from the 1840	North/South Line North	Feet from the 1565	East/West Line East	County Rio Arriba
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<sup>27</sup> Hole Size		<sup>28</sup> Casing & Tubing Size		<sup>29</sup> Depth Set	
13 ¾"		9 5/8", K-55, 32.3#		231'	
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<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		OIL CONSERVATION DIVISION  Approved by: Sarah McGrath	
Printed name:  Cherylene Weston		Title:  Petroleum Specialist - A	
Title:  Operations Regulatory Tech Sr.		Approval Date: 11/21/2023	
E-mail Address:  cweston@hilcorp.com			
Date: 11/13/2023	Phone: 713-289-2615		

<b>Well Name:</b> SAN JUAN 28-6 UNIT	<b>Well Location:</b> T27N / R6W / SEC 13 / SWNE / 36.576523 / -107.414322	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 183	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF079363	<b>Unit or CA Name:</b> SAN JUAN 28-6 UNIT--DK	<b>Unit or CA Number:</b> NMNM78412C
<b>US Well Number:</b> 3003920619	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

### Subsequent Report

**Sundry ID:** 2760839

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 11/09/2023

**Time Sundry Submitted:** 01:07

**Date Operation Actually Began:** 10/05/2023

**Actual Procedure:** The subject well was recompleted into the Mesaverde and Mancos formations. Please see attached reports.

### SR Attachments

#### Actual Procedure

SJ\_28\_6\_Unit\_183\_RC\_Sbsq\_Sundry\_20231109130705.pdf

**Well Name:** SAN JUAN 28-6 UNIT

**Well Location:** T27N / R6W / SEC 13 /  
SWNE / 36.576523 / -107.414322

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

**Well Number:** 183

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF079363

**Unit or CA Name:** SAN JUAN 28-6  
UNIT--DK

**Unit or CA Number:**  
NMNM78412C

**US Well Number:** 3003920619

**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:** NOV 09, 2023 01:07 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:** 11/13/2023

**Signature:** Matthew Kade

San Juan 28-6 Unit 183

MV MC Recomplete Sundry

API: 3003920619

- 10/5/2023** MIRU. RU FLOOR & TBG HANDLING EQUIP. PJSM. SICP-128 PSI, SITP-125 PSI, SIICP-0 PSI, SIBHP-0 PSI, BDW. ND WH. NU BOP & FT, GOOD. PULL TBG HANGER TO FLOOR. MIRU EXPERT SL. RETRIEVED PLUNGER. SET 3-SLIP STOP. RDMO EXPERT SL. MIRU TUBOSCOPE. TOOH SCANNING TBG. RDMO SCANNER. SISW. SDFN.
- 10/6/2023** PJSM. SICP-142 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. BDW. RIH W/ 3-7/8" STRING MILL TO 4500'. SWAP TBG TRAILERS. RIH TO 7400'. LD 1 JT, TOOH W/ STRING MILL. RIH, SET **4.5" CIBP @ 7325'**. FILL HOLE, PT CSG 550 PSI, GOOD. BD. POOH 10 JTS. SISW. SDFWE.
- 10/9/2023** PJSM. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. MIRU BASIN WL. RUN **GR/CBL/CCL FROM 7380' TO SURFACE**. RD BASIN. MIRU WELLCHECK. PT UNIT, GOOD. RUN PRELIM PT 590 PSI. TEST LEAKING OFF. FIXED EXT LEAKS ON TBG/WH. SEAL PLATE INSIDE WH WAS COCKED/UNEVEN, CAUSING LEAK. FIXED SEAL PLATE. DRESS/STUB UP CSG. INSTALL 5K TBG HEAD. TEST VOID SEAL 2500 PSI, GOOD. RE-TEST CSG, LEAKING OFF AT +/- 5 PSI/MIN. NU BOP. RU FLOOR & TOOLS. SISW. SDFN.
- 10/10/2023** ND BOP & 3K TBG HEAD. NU 5K TBG HEAD. PT VOID TO 2,800 PSI, GOOD. NU BOP. TIH, SET 4.5" PKR @ 4450'. MU HANGER, LAND TBG. FILL INT CSG W/ 4 BBLS. PT CSG TO 4,000 PSI FROM PKR (4450') TO SURFACE X 30 MIN. GOOD TEST. PT DOWN TBG AND FROM PKR TO CBP (6850') TO 2,100 PSI X 30 MIN. GOOD TEST. RDMO WELLCHECK. UNLAND TBG, REL PKR. TOOH, LD TBG. SISW. SDFN.
- 10/11/2023** SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. LD REM TBG. RD FLOOR. LAND HANGER W/2-WAY CHECK. ND BOP. NU FRAC STACK. MIRU WELLCHECK. PT STACK 4000 PSI X 15 MIN, GOOD. ND GOAT HEAD, PULL HANGER. RETEST ABOVE FRAC VALVE, GOOD. RDMO WELLTEST. RDRR.
- 10/23/2023** RU BASIN WL. RIH, **PERF LWR MANCOS (6,700'-6,730' & 6,740'-6,770')** W/0.35" DIA, 4 SPF, 248 SHOTS. POOH. RU FRAC CREW. FRAC STAGE 1: BDW W/WATER & 500 GAL 15% HCL. **FOAM FRAC'D LWR MANCOS** W/ 100,150 LBS 20/40 SAND, 62,916 GAL SLICKWATER & 2.05M SCF N2 60Q. RIH, **SET CBP @ 6,694'**. RIH, **PERF UPPER MANCOS (6,530'-6,560' & 6,655'-6,685')** W/0.35" DIA, 4 SPF, 248 SHOTS. POOH. FRAC STAGE 2: BDW W/WATER & 500 GAL 15% HCL. **FOAM FRAC'D UPPER MANCOS** W/74,962 LBS 20/40 SAND, 56,280 GAL SLICKWATER & 1.89M SCF N2 60Q. SIW.
- 10/24/2023** RU FRAC VAN, KNOCK N2 STANDPIPES OFF FRAC STACK, PRIME UP FLUID SIDE & PT. FLUSH CSG W/110 BBLS. RU WL. RIH, SET **CBP @ 5,750'**. **PERF PT LOOKOUT /LWR MENELEE (5,216'-5,705')** W/0.33"DIA, 1 SPF, 23 HOLES. POOH. RU FRAC CREW. FRAC STAGE 3: BDW W/WATER & 500 GAL 15% HCL. **FOAM FRAC'D POINT LOOKOUT/LWR MENELEE** W/125,602 LBS 20/40 SAND, 45,276 GAL SLICKWATER & 1.57M SCF N2 70Q. RIH, SET **CBP @ 5,190'**. **PERF CLIFFHOUSE/UPPER MENELEE (4,742'-5,159')** W/0.33" DIA, 1 SPF, 23 HOLES. POOH. FRAC STAGE 4: BDW W/WATER & 500 GAL 15% HCL. **FOAM FRAC'D CLIFFHOUSE/UPPER MENELEE** W/150,132 LBS 20/40 SAND, 53,676 GAL SLICKWATER & 1.78M SCF N2 70Q. RIH, SET **CBP @ 4,581'**. BLEED OFF, PLUG HELD.SIW. RD CREWS. **TOTAL FRAC LOAD = 5360 BBLS (INCL 53 BBLS ACID). TOTAL SAND = 450,846 LBS. TOTAL N2 = 7.29M SCF.**
- 10/25/2023** MIRU. PJSM. CK WELL PSI, WELL DEAD. LAND HANGER W/ 2-WAY CHECK. ND FRAC STACK. NU BOP & PT, GOOD. RU FLOOR, FLOW LINES & TBG EQUIP. TIH 2-3/8" TBG & 3-7/8" 3-BLADE JUNK MILL TO 3,200'. UNLOAD WELL. CONT TIH TO 4,580'. RU PWR SWVL. BRING ON AIR, UNLOAD WELL. SISW. SDFN.
- 10/26/2023** PJSM. CK WELL PSI, WELL DEAD. KO AIR/MIST, CIRC WELL. **DO PLUG #1**. CIRC CLEAN. CUT AIR/MIST, HANG BACK PWR SWVL. TIH, TAG PLUG PARTS @ 4,847'. RU PWR SWVL & KO AIR/MIST. CO TO PLUG #2 @ 5,190'. **DO PLUG #2**. CIRC WELL. CIRC WELL CLEAN. SAND DOWN TO 1/2 CUP PER SAMPLE. CUT AIR, HANG BACK PWR SWVL. TIH, TAG FILL. RU PWR SWVL & KO AIR. CO TO PLUG #3 @ 5,750'. **DO PLUG #3**. TIH W/PWR SWVL. CONT TO TAG PLUG PARTS FOR SEVERAL JTS. PLUG DROPPED. HANG BACK PWR SWVL. TIH, TAG FILL @ 6,686', ABOVE PLUG #4. LD 1 JT. PUMP KILL. TOOH W/ 35 STDS. SWI. SDFN.
- 10/27/2023** SICP-1,000 PSI, SITP- 0 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. OPEN WELL, BDW. TIH W/TBG FROM DERRICK. RU PWR SWVL. KO AIR/MIST. BREAK CIRC. **DO PLUG #4**. LET WELL CLEAN UP. TIH W/PWR SWVL, TAG FILL @ 6,750'. CLEAN DOWN TO PLUG #5 @ 6,850'. CIRC WELL, LET RETURNS CLEAN UP. START TO **DO PLUG #5**. TBG PSI INCREASED. PU OFF PLUG. TBG PSI OUT. TRIED TO TOOH, TBG WILL NOT MOVE. TRIED WORKING TBG W/NO SUCCESS. TRIED PUMPING DOWN TBG W/RIG PUMP, PSI OUT AGAIN. CALLED INTO HOUSTON.

San Juan 28-6 Unit 183

MV MC Recomplete Sundry

API: 3003920619

BACKED OFF TBG BELOW STRING FLOAT. TOO H W/ 6 JTS, REMOVED STRING FLOAT. TIH W/6 JTS, SCREWED BACK INTO TBG. ATT TO WORK STRING & PUMP DOWN TBG W/NO SUCCESS. SWI. SDFN.

- 10/28/2023** SICIP-800 PSI, SITP- 100 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. OPEN & BDW. TRIED WORKING PIPE FREE, NO SUCCESS. MIRU DRAKE WL. RIH W/ FREEPOINT TOOL. ATT TO CALIBRATE. TOOL WOULD NOT CALIBRATE. XO PANELS. CALIBRATION STILL UNSUCCESSFUL. SWITCH TOOLS. RIH, ATT TO FIND FREEPOINT. TOOL STILL NOT WORKING CORRECTLY. POOH, REHEADED WL. RIH, FREEPOINT PIPE SUCCESSFULLY. POOH. RIH W/CHEM CUTTER, CUT TBG @ 6,814'. POOH. RDMO DRAKE WL. TOO H W/TBG. RECOVERED ALL CUT TBG. SISW. SDFN.
- 10/29/2023** SICIP-900 PSI, SITP- 0 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. OPEN & BDW. MU 3-3/4" OVERSHOT W/ 2-3/8" GRAPPLE. PUMP CSG KILL, TIH W/ FISHING TOOLS. TAG 6' ABOVE FISH. RU TBG SWVL & KO AIR. CO SAND DOWN TO FISH. CUT AIR. LATCH FISH. ATT TO JAR FREE. NO MOVEMENT. JARS STARTED TO FEEL GRITTY. UNLATCHED FISH, TOO H W/TOOLS. BD OS. MU WASHOVER SHOE W/T-DOG & PIPE. TIH TO 4,500'. SDFN.
- 10/30/2023** SICIP-900 PSI, SITP- 0 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. OPEN & BDW IN 20 MIN. TIH W/TBG. TAG FILL 15' ABOVE FISH @ 6,788'. RU PWR SWVL & KO AIR. CO FILL TO TOP OF FISH. WASH DOWN TO BIT SUB. NO TAG OR TORQUE, JUST WASHING SAND. ATT TO PULL FISH W/T-DOG, UNSUCCESSFUL. TIH, START WASHING OVER BIT SUB. SEE SOME TORQUE ON SWVL. CONT DOWN TO TOP OF MILL. START GETTING PLUG PARTS IN RETURNS. KEEP MO TO MIDDLE OF BODY. MILLING STARTED GOING FASTER. FISH CAME LOOSE & WAS ABLE TO TIH 15' PAST. PUMPED SWEEPS, LET WELL CLEAN UP. TOO H 80 STDS. SISW. SDFN.
- 10/31/2023** SICIP-500 PSI, SITP-0, SIICP-0, SIBHP-0, BDW. TOO H W/TBG & FISHING TOOLS. ALL FISH RETRIEVED. TIH W/TBG & 3-7/8" 5-BLADE MILL, TAG PLUG #6. **DO PLUG #6**. CIRC, CLEAN UP. CONT TIH W/ PWR SWVL, CO TO PBTD. PUMP SWEEPS, CIRC WELL CLEAN. CUT AIR, PUMP TBG KILL. RD PWR SWVL. POOH 70 STDS. SISW. SDFN.
- 11/01/2023** SICIP-500 PSI, SITP- 0 PSI, SIICP-0 PSI, SIBHP-0 PSI. BDW. TOO H. TIH W/ PROD BHA. TIH, TBG HANGER, LAND 242 JTS 2-3/8", 4.7#, J-55 **TBG @ 7,539'** (SN @7,531'). RD FLOOR. ND BOP. NU WH. DROP BALL, PT TBG 500 PSI, GOOD. PUMP OFF EXP CHK, UNLOAD WELL. SWI. RDRR.

The well is producing as a MV/MC/DK trimmingle **on Test Allowable waiting on RC C-104 approval.**

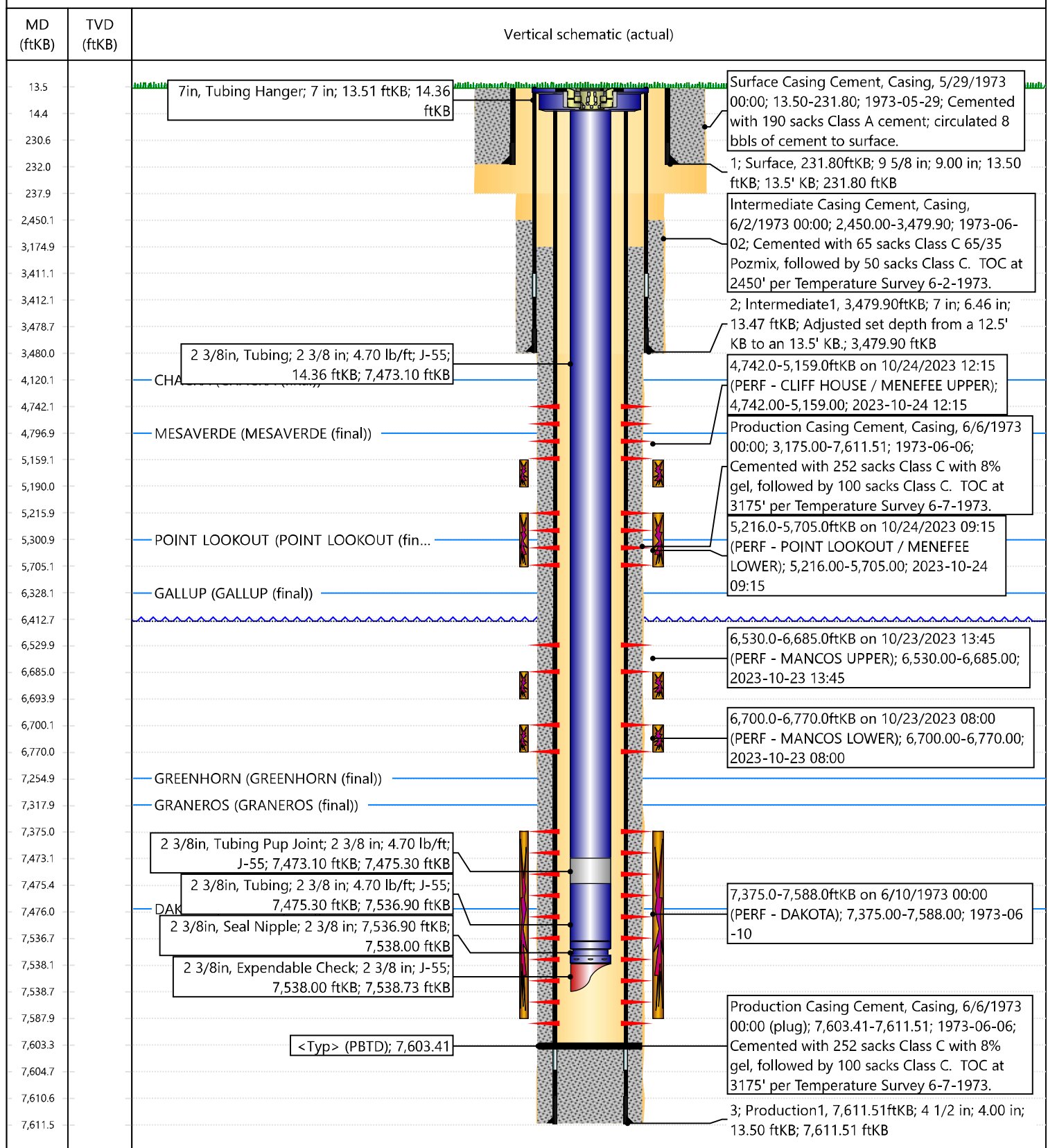


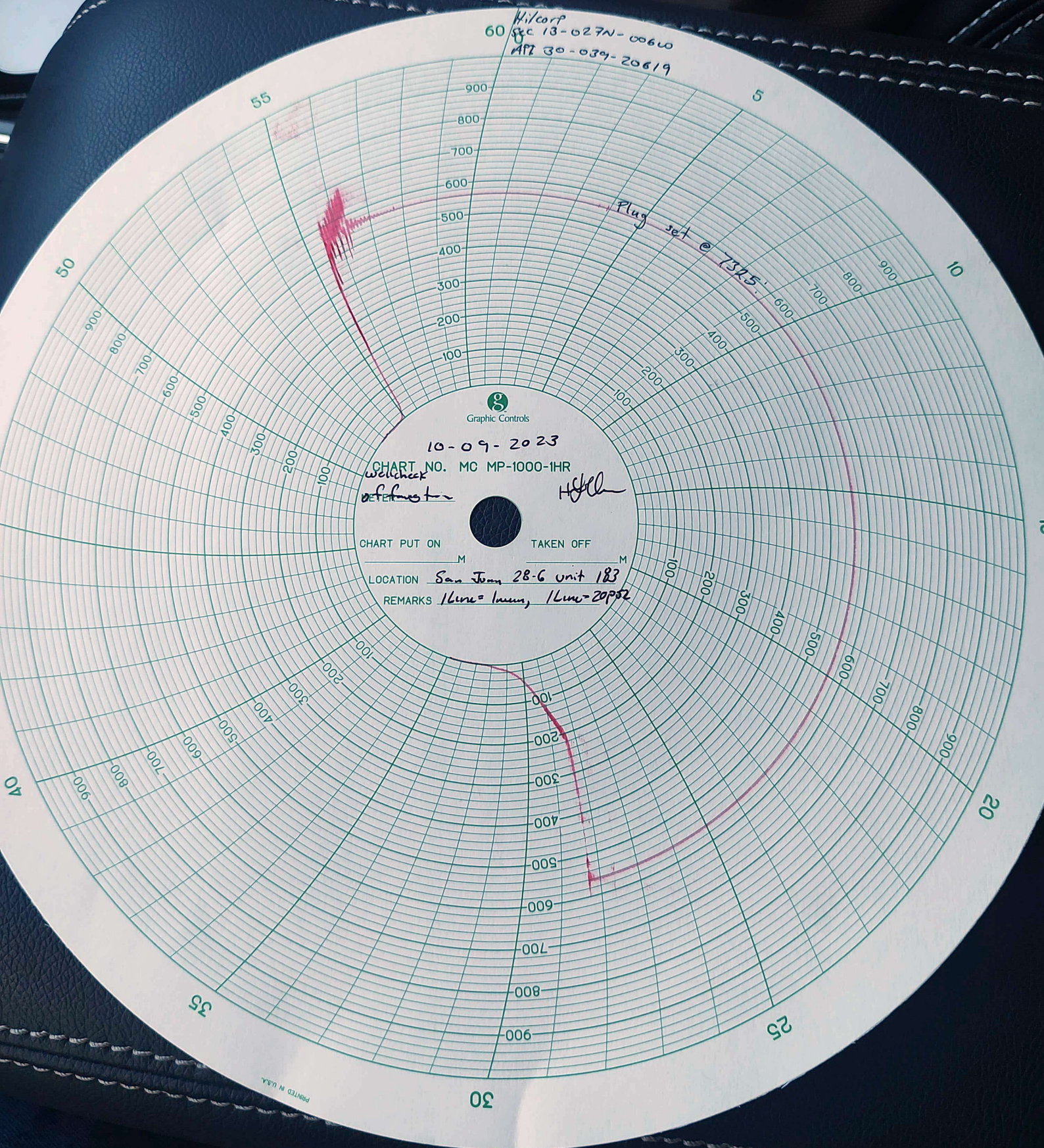
## Current Schematic - Version 3

Well Name: SAN JUAN 28-6 UNIT #183

API / UWI 3003920619	Surface Legal Location 013-027N-006W-G	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1312	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,412.00	Original KB/RT Elevation (ft) 6,425.50	RKB to GL (ft) 13.50	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

## Original Hole [VERTICAL]





Cheryl Weston

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From: Rennick, Kenneth G <krennick@blm.gov>  
Sent: Tuesday, October 10, 2023 8:30 AM  
To: Kuehling, Monica, EMNRD; Bennett Vaughn  
Cc: James Osborn; Ben Hampton; Ray Brandhurst; Scott Matthews; Brett Houston; Cheryl Weston  
Subject: Re: [EXTERNAL] San Juan 28-6 Unit 183 (API 3003920619)

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

The BLM finds the proposed perforations appropriate.

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From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Sent: Monday, October 9, 2023 2:31:26 PM  
To: Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>  
Cc: Cheryl Weston <cweston@hilcorp.com>; James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>  
Subject: Re: [EXTERNAL] San Juan 28-6 Unit 183 (API 3003920619)

NMOCD approves verbal 4742 to 6770 with prior approval from blm

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From: Bennett Vaughn <Bennett.Vaughn@hilcorp.com>  
Sent: Monday, October 9, 2023 2:18:40 PM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kenneth (Kenny) <krennick@blm.gov>  
<krennick@blm.gov>  
Cc: Cheryl Weston <cweston@hilcorp.com>; James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Ray Brandhurst <rbrandhurst@hilcorp.com>; Scott Matthews <scmatthews@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>  
Subject: [EXTERNAL] San Juan 28-6 Unit 183 (API 3003920619)

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

Monica and Kenny,

Attached is the CBL for the San Juan 28-6 Unit 183 (API 3003920619). This well is a MV/MC frac slotted for our October program. We plan to perforate this well from 4,742' – 6,770'.

Please let me know if you find these perforations appropriate.

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](mailto:Bennett.Vaughn@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.

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Cheryl Weston

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From: blm-afmss-notifications@blm.gov  
Sent: Monday, November 13, 2023 1:58 PM  
To: Cheryl Weston  
Subject: [EXTERNAL] Well Name: SAN JUAN 28-6 UNIT, Well Number: 183, 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 28-6 UNIT**
- Well Number: **183**
- US Well Number: **3003920619**
- Well Completion Report Id: **WCR2023111390108**

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 87410

3a. Phone No. (include area code)

(505) 333-1700

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

At surface Unit G (SWNE), 1840' FNL &amp; 1565' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

5/28/1973

15. Date T.D. Reached

6/6/1973

16. Date Completed

11/2/2023

☐ D & A☒ Ready to Prod.

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

6,412'

18. Total Depth:

7,612'

19. Plug Back T.D.:

7,603'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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" K-55	32.3#	0	231'	n/a	225 cf			
8 3/4"	7" K-55	20#	0	3,480'	n/a	233 cf			
6 1/4"	4 1/2" J-55	10.5#, 11.6#	0	7,612'	n/a	635 cf			

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"	7,539'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse/Upper Menefee	4,742'	5,159'	1 SPF	.33"	23	open
B) Pt Lookout/Lower Menefee	5,216'	5,705'	1 SPF	.33"	23	open
C)						
D)						
TOTAL					46	

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

Depth Interval	Amount and Type of Material
4742-5159	BDW w/water & 500 gal 15% HCl. Foam Frac w/150,132# 20/40 sand, 53,676 gal slickwater & 1.78M SCF N2 70Q.
5216-5705	BDW w/water & 500 gal 15% HCl. Foam Frac w/125,602# 20/40 sand, 45,276 gal slickwater & 1.57M SCF N2 70Q.
-	

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
11/2/2023	11/2/2023	4	➡	0	48 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	
23/64"	700 psi	680 psi	➡	0	48 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		0	White, cr-gr ss	Ojo Alamo	
Kirtland		0	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland		0	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra	4,120'	4,797'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,797'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,797'
Menefee		5,301'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,301'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,301'
Mancos		6,328'	Dark gry carb sh.	Mancos	
Gallup	6,328'	7,255'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,328'
Greenhorn	7,255'		Highly calc gry sh w/ thin lmst.	Greenhorn	7,255'
Graneros	7,318'	7,476'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota	7,476'		Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,476'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/MC/DK trimmingle per DHC-5332. MV P/A NMNM078412A.

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 11/9/2023

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.

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 G (SWNE), 1840' FNL &amp; 1565' FEL

At top prod. Interval reported below Same as above

At total depth Same as above

14. Date Spudded  
5/28/197315. Date T.D. Reached  
6/6/197316. Date Completed 11/2/2023  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
6,412'

18. Total Depth: 7,612'

19. Plug Back T.D.: 7,603'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; 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" K-55	32.3#	0	231'	n/a	225 cf			
8 3/4"	7" K-55	20#	0	3,480'	n/a	233 cf			
6 1/4"	4 1/2" J-55	10.5#, 11.6#	0	7,612'	n/a	635 cf			

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"	7,539'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Upper Mancos	6,530'	6,685'	4 SPF	.35"	248	open
B) Lower Mancos	6,700'	6,770'	4 SPF	.35"	248	open
C)						
D)						
TOTAL					496	

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

Depth Interval	Amount and Type of Material
6530-6685	BDW w/water & 500 gal 15% HCl. Foam Frac w/74,962# 20/40 sand, 56,280 gal slickwater & 1.89M SCF N2 60Q.
6700-6770	BDW w/water & 500 gal 15% HCl. Foam Frac w/100,150# 20/40 sand, 62,916 gal slickwater & 2.05M SCF N2 60Q.
-	

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
11/2/2023	11/2/2023	4	➡	0	23 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	
23/64"	700 psi	680 psi	➡	0	23 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		0	White, cr-gr ss	Ojo Alamo	
Kirtland		0	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland		0	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra	4,120'	4,797'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,797'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,797'
Menefee		5,301'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,301'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,301'
Mancos		6,328'	Dark gry carb sh.	Mancos	
Gallup	6,328'	7,255'	Lt. gry to brn calc micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,328'
Greenhorn	7,255'		Highly calc gry sh w/ thin lmst.	Greenhorn	7,255'
Graneros	7,318'	7,476'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota	7,476'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,476'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/MC/DK trimmingle per DHC-5332.

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 WestonTitle Operations/Regulatory TechnicianSignature Cherylene WestonDate 11/9/2023

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 287650

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 287650
	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**  
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Phone:(505) 334-6178 Fax:(505) 334-6170  
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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 287650

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 287650
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	11/21/2023