

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 30-045-22080	<sup>5</sup> Pool Name Basin Fruitland Coal		<sup>6</sup> Pool Code 71629
<sup>7</sup> Property Code 318556	<sup>8</sup> Property Name Hill		<sup>9</sup> Well Number 3A

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

Ul or lot no. P	Section 10	Township 29N	Range 08W	Lot Idn	Feet from the 990	North/South Line South	Feet from the 790	East/West Line East	County San Juan
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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 9/21/1976	<sup>22</sup> Ready Date 4/2/2024	<sup>23</sup> TD 5,560'	<sup>24</sup> PBTB 5,558'	<sup>25</sup> Perforations 2,950' – 3,044'	<sup>26</sup> DHC, MC Pending
<sup>27</sup> Hole Size		<sup>28</sup> Casing & Tubing Size		<sup>29</sup> Depth Set	
13 3/4"		9 5/8", 36# K-55		317'	
8 3/4"		7", 20# K-55		3,220'	
		4 1/2" 10.5# K-55		5,559'	
		2 3/8", 4.7# J-55		3041'	

V. Well Test Data

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date 4/2/2024	<sup>33</sup> Test Date 4/2/2024	<sup>34</sup> Test Length 4 hrs	<sup>35</sup> Tbg. Pressure 280 psi	<sup>36</sup> Csg. Pressure 320 psi
<sup>37</sup> Choke Size 21/64"	<sup>38</sup> Oil 0 bbl	<sup>39</sup> Water 0 bbl	<sup>40</sup> Gas 40 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:	
Title: Operations Regulatory Tech Sr.		Title:	
E-mail Address: cweston@hilcorp.com		Approval Date:	
Date: 4/12//2024	Phone: 713-289-2615		

<b>Well Name:</b> HILL	<b>Well Location:</b> T29N / R8W / SEC 10 / SESE / 36.735016 / -107.656494	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 3A	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078415	<b>Unit or CA Name:</b> HILL	<b>Unit or CA Number:</b> NMNM73185
<b>US Well Number:</b> 3004522080	<b>Operator:</b> HILCORP ENERGY COMPANY	

### Subsequent Report

**Sundry ID:** 2784382

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 04/10/2024

**Time Sundry Submitted:** 02:34

**Date Operation Actually Began:** 02/29/2024

**Actual Procedure:** The subject well was recompleted into the Fruitland Coal per the attached reports.

### SR Attachments

#### Actual Procedure

Hill\_3A\_FRC\_RC\_Sundry\_20240410143337.pdf

**Well Name:** HILL

**Well Location:** T29N / R8W / SEC 10 /  
SESE / 36.735016 / -107.656494

**County or Parish/State:** SAN  
JUAN / NM

**Well Number:** 3A

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078415

**Unit or CA Name:** HILL

**Unit or CA Number:**  
NMNM73185

**US Well Number:** 3004522080

**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:** APR 10, 2024 02:33 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:** KENNETH G RENNICK

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742

**BLM POC Email Address:** krennick@blm.gov

**Disposition:** Accepted

**Disposition Date:** 04/12/2024

**Signature:** Kenneth Rennick

**Hill 3A - FRC Recomplete Sundry**

API: 3004522080

- 2/29/2024** MIRU. SITP: 40 PSI, SICP: 40 PSI, SIBHP: 0 PSI, BDW. ND WH. NU BOP. RU FLOOR. FT & PT BOP, GOOD. PULL TBG HANGER. RU PREMIER NDT. TOOH SCANNING TBG. RD PREMIER NDT. TIH 3-7/8" STRING MILL, 6-1/4" SCRAPER TO 3800'. TOH W/TBG. LD SCRAPER/MILL. SISW. SDFN.
- 3/1/2024** PJSM. SITP: 0 PSI, SICP: 40 PSI, SIBHP: 0 PSI, BDW. TIH, SET **4-1/2" CIBP @ 3627'**. LOAD CSG. PT CSG 560 PSI, GOOD. LD ALL TBG. RD FLOOR. ND BOP & TBG HEAD. STUB UP 7" CSG. NU 7" 3K X 11" 3K TBG HEAD. NU BOP. RU FLOOR. SISW. SDFN.
- 3/4/2024** PJSM. SITP: 0 PSI, SICP: 0 PSI, SIBHP: 0 PSI, BDW. RU WL GROUP. RUN PNL 1650' - 3627'. RUN **CBL FROM 0' - 3627'**. RUN **MIT ON CSG TO 560 PSI X 30 MIN, WITNESSED BY EILEEN MEDRANO, NMOCD**. SISW. SDFN.
- 3/5/2024** PJSM. SITP: 0 PSI, SICP: 0 PSI, SIBHP: 0 PSI, BDW. RU WL GROUP. RIH, SET **7" CBP @ 3054'**. POOH. RIH, **PERF FRUITLAND COAL @ 2950'-3044'** W/ 0.42" DIA, 4 SPF 90 DEGREE PHASING (**296 SHOTS**). POOH. RU WILSON HYDROTEST. RIH 3-1/2" FRAC STRING, HYDROTESTING TO 8000 PSI. SET FRAC PKR @ 2850', LAND FRAC STRING. PT BACKSIDE TO 500 PSI, GOOD. RD FLOOR. ND BOP. NU FRAC STACK. PT FRAC STACK 8000 PSI, GOOD. RD WILSON. PUMP DOWN FRAC STRING W/RIG PUMP. PRESSURE COMMUNICATED TO CSG. SISW. SDFN.
- 3/6/2024** PJSM. SITP: 0 PSI, SICP: VACUUM, SIBHP: 0 PSI, BDW. ND FRAC STACK. NU BOP. RU FLOOR. REL PKR. PULLED HANGER. LD 1 JT. SET PKR @ 2825' ON 20K COMPRESSION. LAND FRAC STRING. PT BACK SIDE TO 500 PSI, GOOD. PUMP DOWN FRAC STRING @ 6 BPM/1500 PSI. NO COMMUNICATION TO BACK SIDE. RU WILSON. HYDROTEST NEW CONNECTIONS & HANGER. RD FLOOR. ND BOP. NU FRAC STACK. PT FRAC STACK TO 8000 PSI, GOOD. RD UNIT. RDRR. **WO FRAC**.
- 3/27/2024** SITP-0, SICP-0, SIBHP-0, BDW. MIRU GORE N2 SERVICES. RU FRAC & N2. TEST FRAC/N2 LINES 7800 PSI, GOOD. **FRAC FRUITLAND COAL ZONE @ 50 BPM W/ 70 Q N2 FOAM, 1000 GALS ACID, 70,098 GAL SLICKWATER, 8,811# 100 MESH SAND, 144,123# 40/70 SAND, 2.46M SCF N2**. DROPPED 170 TTS PERF PODS FOR DIVERTER. SISW. RDMO FRAC & N2 EQUIP.
- 3/28/2024** MIRU. SPOT IN PLUG CATCHER. SITP: 1075 PSI, SICP: 0 PSI, SIBHP: 0 PSI, BDW. LUBE IN TWC. ND FRAC STACK. NU BOP. FT BOP, GOOD. RU FLOOR. RU WELLCHECK. PT BOP, GOOD. RD WELLCHECK. REL PKR. PULL HANGER. RU, LUBE OUT TWC. PUMP 35 BBL KILL. RD LUBRICATOR. LD HANGER. LD 15 JTS 3-1/2" TBG & PKR. BDW. PUMP 50 BBL DOWN TBG. LD 51 JTS. PUMP 30 BBL DOWN CSG. FINISH LD FRAC STRING. SISW. SDFN.
- 3/29/2024** PJSM. SITP: N/A PSI, SICP: 700 PSI, SIBHP: 0 PSI, BDW. TIH 6-1/4" JUNK MILL, 6 3-1/8" DC'S, 91 JTS 2-3/8" TBG. TAG CBP @ 3054'. PU PWR SWVL, KI AIR/MIST. EST CIRC. **DO CBP @ 3054'**. CIRC WELL CLEAN. SAND DOWN TO TRACE AMTS. PUMP SWEEP. KILL TBG. RACK SWVL. TOH 90 JTS. LD DC & MILL. TIH, INSTALL HANGER. LAND 92 JTS 2 3/8" 4.7# J-55 **TBG @ 3041'** (SN @ 3039'). SISW. SDFN.
- 3/30/2024** PJSM. SITP: 0 PSI, SICP: 520 PSI, SIBHP: 0 PSI. BDW. RD FLOOR. ND BOP. NU WH. PT TBG 500 PSI, GOOD. PUMP OFF CHECK. RDRR. TURN WELL OVER TO PRODUCTION. WELL TO BE DHC WHEN DHC IS APPROVED.

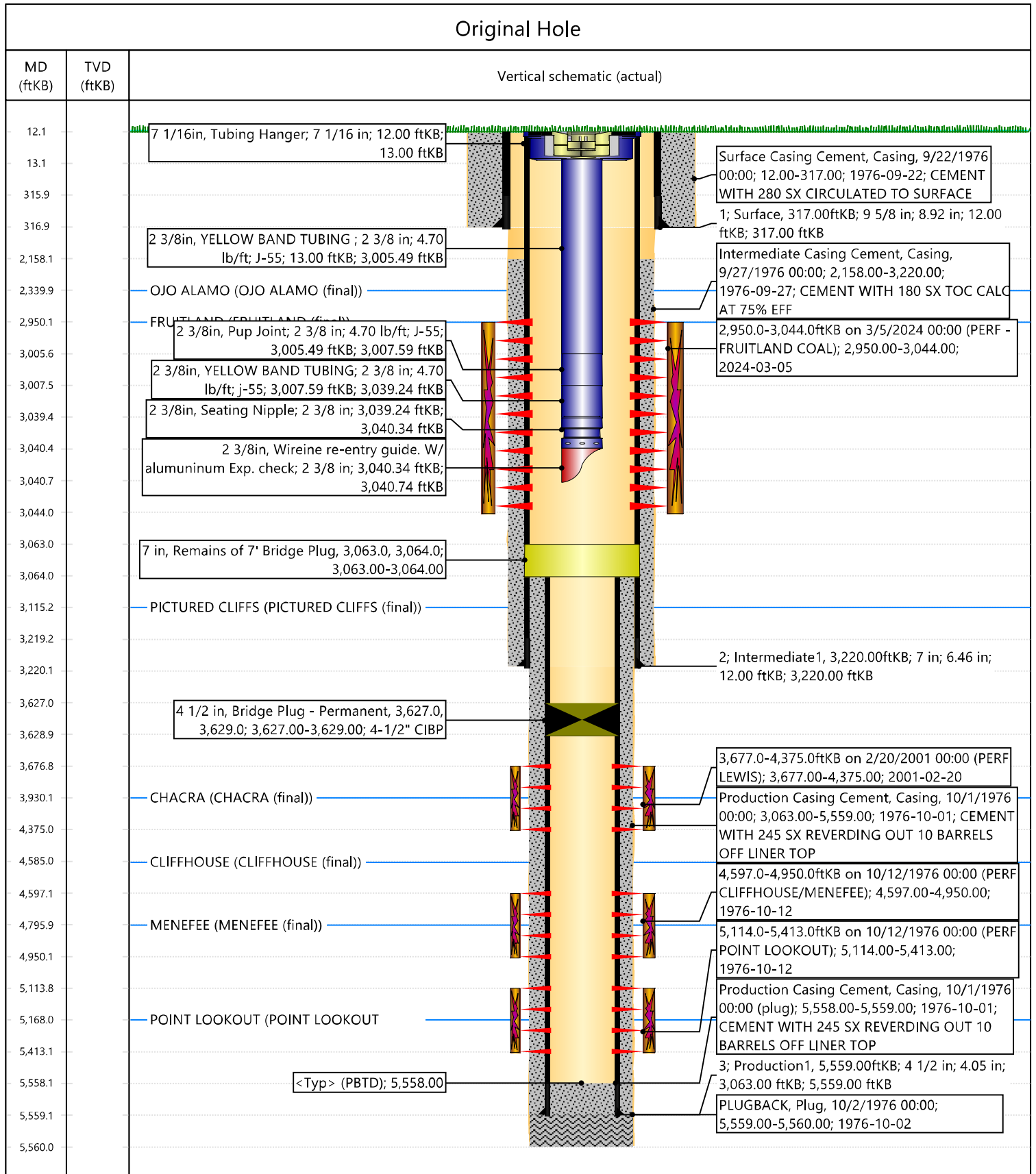
**The well is producing as a standalone Fruitland Coal on Test Allowable waiting on RC C-104 approval.**



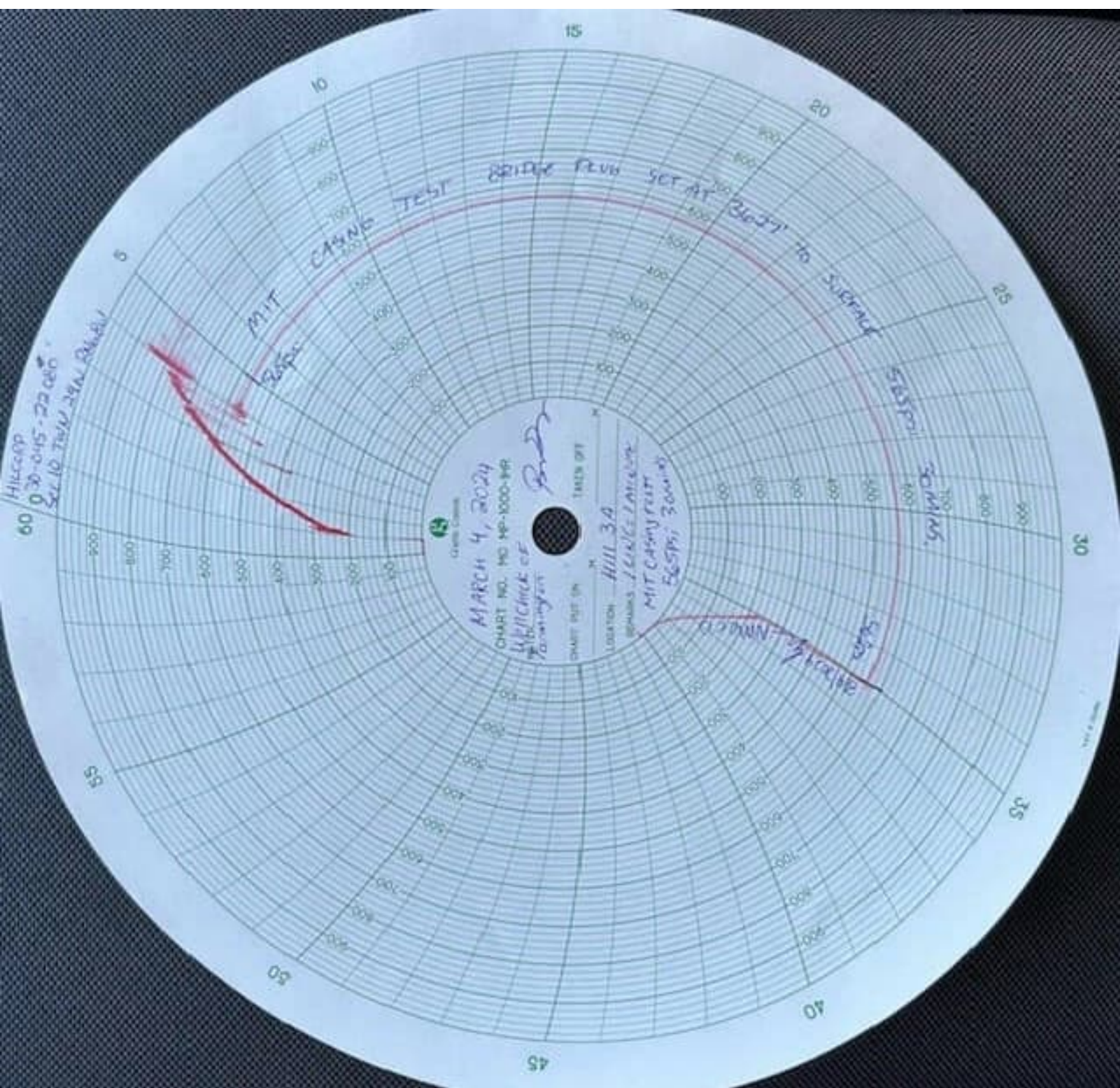
## Current Schematic - Version 3

Well Name: HILL #3A

API / UWI 3004522080	Surface Legal Location 010-029N-008W-P	Field Name BLANCO MESAVERDE (PRORAT #0075)	Route 0801	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,249.00	Original KB/RT Elevation (ft) 6,261.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)







Cheryl Weston

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From: blm-afmss-notifications@blm.gov  
Sent: Friday, April 12, 2024 10:46 AM  
To: Cheryl Weston  
Subject: [EXTERNAL] Well Name: HILL, Well Number: 3A, 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: **HILL**
- Well Number: **3A**
- US Well Number: **3004522080**
- Well Completion Report Id: **WCR2024041291507**

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 P (SESE), 990' FSL &amp; 790' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

9/21/1976

15. Date T.D. Reached

9/30/1976

16. Date Completed

4/2/2024

☐ D & A☒ Ready to Prod.

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

6,240'

18. Total Depth:

5,560'

19. Plug Back T.D.:

5,558'

20. Depth Bridge Plug Set:

3,627'

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	36#	0	317'	n/a	280 sx			
8 3/4"	7" K-55	20#	0	3,220'	n/a	180 sx			
	4 1/2" K-55	10.5#	0	5,559'	n/a	245 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"	3,041'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	2,950'	3,044'	4 SPF	0.42	296	open
B)						
C)						
D)						
TOTAL					296	

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

Depth Interval	Amount and Type of Material
2950-3044	Frac @ 50 BPM W/70Q N2 foam, 1000 gal acid, 70,098 gal slickwater, 8,811# 100 mesh, 144,123# 40/70 sand, 2.46M 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
4/2/2024	4/2/2024	4	➡	0	40 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"	280 psi	320 psi	➡	0	40 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.	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	2,340'		White, cr-gr ss	Ojo Alamo	2,340'
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland	2,950'	3115	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs	3,115'		Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,115'
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4,585'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,585'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,585'
Menefee		5,150'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,150'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,150'
Mancos			Dark gry carb sh.	Mancos	
Gallup			Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn			Highly calc gry sh w/ thin lmst.	Greenhorn	
Graneros			Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota			Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

The well is currently producing as a standalone Fruitland Coal. The well will be downhole commingled when the DHC is approved.

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 4/12/2024

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 333901

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 333901
	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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Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
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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 333901

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 333901
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	4/24/2024