

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 Feb. 26, 2007

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
5 Copies

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 30-039-21050	<sup>5</sup> Pool Name Blanco-Mesaverde (Prorated Gas)	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 318837	<sup>8</sup> Property Name San Juan 29-5 Unit	<sup>9</sup> Well Number 70

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

UL or lot no. H	Section 28	Township 29N	Range 5W	Lot Idn	Feet from the 1760	North/SouthLine North	Feet from the 960	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/SouthLine	Feet from the	East/West line	County
<sup>12</sup> Lse Code P	<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 Field Service	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 3/19/1975	<sup>22</sup> Ready Date 5/17/2022	<sup>23</sup> TD MD 8060'	<sup>24</sup> PBTD MD 8043'	<sup>25</sup> Perforations 5449' - 5927'	<sup>26</sup> DHC, MC DHC-5174
<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", 36#, K-55	314'	280 sx		
8 3/4"	7", 20#, K-55	3910'	165 sx		
6 1/4"	4 1/2", 10.5 & 11.6#, K-55	8059'	300 sx		
	2 3/8", 4.7#, J-55	7996'			

**V. Well Test Data**

<sup>31</sup> Date New Oil NA	<sup>32</sup> Gas Delivery Date 5/17/2022	<sup>33</sup> Test Date 5/17/2022	<sup>34</sup> Test Length 1hr	<sup>35</sup> Tbg. Pressure 230 psi	<sup>36</sup> Csg. Pressure 440 psi
<sup>37</sup> Choke Size 48/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 5 bwpd	<sup>40</sup> Gas 24 mcfd	<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: <i>Kandis Roland</i> Printed name: <b>Kandis Roland</b> Title: <b>Operations Regulatory Tech Sr.</b> E-mail Address: <a href="mailto:kroland@hilcorp.com">kroland@hilcorp.com</a> Date: 6/7/2022	OIL CONSERVATION DIVISION	
	Approved by:	John Garcia
	Title:	Petroleum Engineer
	Approval Date:	7/29/2022
	Phone: (713) 757-5246	

Submit To Appropriate District Office Two Copies 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	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised April 3, 2017  1. WELL API NO. 30-039-21050  2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No.
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**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)	5. Lease Name or Unit Agreement Name San Juan 29-5 Unit  6. Well Number: 70
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7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER RECOMPLETE

8. Name of Operator Hilcorp Energy Company  10. Address of Operator 382 Road 3100, Aztec NM 87410	9. OGRID 372171  11. Pool name or Wildcat Blanco Mesaverde
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12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
<b>Surface:</b>	H	28	29N	5W		1760	NORTH	960	EAST	Rio Arriba
<b>BH:</b>										

13. Date Spudded 3/19/1975	14. Date T.D. Reached 3/29/1975	15. Date Rig Released 5/16/2022	16. Date Completed (Ready to Produce) 5/17/2022	17. Elevations (DF and RKB, RT, GR, etc.) 6630' GL
18. Total Measured Depth of Well 8060'		19. Plug Back Measured Depth 8043'	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run CBL

22. Producing Interval(s), of this completion - Top, Bottom, Name  
 5449' - 5927' MESAVERDE

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	314'	13 3/4"	280 sx	
7"	20#	3910'	8 3/4"	165 sx	
4 1/2"	10.5 & 11.6#	8059'	6 1/4"	300 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	7996'	

26. Perforation record (interval, size, and number) <b>Mesaverde</b> w/.33" diam.- 1SPF @ 5449', 5456', 5459', 5461', 5467', 5471', 5474', 5496', 5551', 5553', 5578', 5617', 5622', 5643', 5671', 5695', 5714', 5725', 5745', 5773', 5778', 5795', 5811', 5822', 5835', 5866', 5871', 5892', 5899', 5905', 5916, 5927' = 32 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED 5449' - 5927'      Broke well w/ H2O and 1000 gal 15% HCL. Foam Frac w/ 81,581 gal of 70 Q slick water, 273,445# 20/40 sand, 2.73M SCF N2.
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**28. PRODUCTION**

Date First Production 5/17/2022	Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) FLOWING	Well Status ( <i>Prod. or Shut-in</i> ) PROD					
Date of Test 5/17/2022	Hours Tested 1	Choke Size 48/64"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 24	Water - Bbl. 5	Gas - Oil Ratio
Flow Tubing Press. 230	Casing Pressure 440	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 572	Water - Bbl. 118	Oil Gravity - API - ( <i>Corr.</i> )	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)  
 SOLD

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date: 5/16/22

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Kandis Roland* Printed Name Kandis Roland Title Operations/Regulatory Tech Sr. Date 6/7/2022  
 E-mail Address: kroland@hilcorp.com

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy _____	T. Canyon _____	T. Ojo Alamo 2783	T. Penn "A" _____
T. Salt _____	T. Strawn _____	T. Kirtland 2984	T. Penn. "B" _____
B. Salt _____	T. Atoka _____	T. Fruitland 3055	T. Penn. "C" _____
T. Yates _____	T. Miss _____	T. Pictured Cliffs 3601	T. Penn. "D" _____
T. 7 Rivers _____	T. Devonian _____	T. Cliff House 5438	T. Leadville _____
T. Queen _____	T. Silurian _____	T. Menefee 5690	T. Madison _____
T. Grayburg _____	T. Montoya _____	T. Point Lookout 5791	T. Elbert _____
T. San Andres _____	T. Simpson _____	T. Mancos 5930	T. McCracken _____
T. Glorieta _____	T. McKee _____	T. Gallup 6540	T. Ignacio Otzte _____
T. Paddock _____	T. Ellenburger _____	Base Greenhorn 7790	T. Granite _____
T. Blinebry _____	T. Gr. Wash _____	T. Dakota 7903	
T. Tubb _____	T. Delaware Sand _____	T. Morrison _____	
T. Drinkard _____	T. Bone Springs _____	T. Todilto _____	
T. Abo _____	T. _____	T. Entrada _____	
T. Wolfcamp _____	T. _____	T. Wingate _____	
T. Penn _____	T. _____	T. Chinle _____	
T. Cisco (Bough C) _____	T. _____	T. Permian _____	

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....  
 No. 2, from.....to..... No. 4, from.....to.....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

San Juan 29-5 Unit 70  
API # 30-039-21050  
Recomplete Subsequent Sundry

**4/19/22** SIBHP- 0, SIICP-0, SITP- 50, SICP – 50. MIRU. ND WH, NU BOP. TOO H and scan tbg. SDFN.

**4/20/22** SIBHP- 0, SIICP-10, SITP- 0, SICP – 95. BD well. RIH and set **CIBP @ 7862'**. PT csg to 580 psi SIW. SDFN.

**4/21/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. MIT 570 psi for 30 min witness by John Durham, OCD. Good test. RU wireline. Run CBL from 7862' to surface. **CBL sent to Monica Kuehling, OCD 4/22/22.**

**Received verbal approval to proceed with recomplete.** RIH & set **CBP @ 6248'**. POOH, RD wireline. PT csg to 2300 psi. Test failed. TIH w/ pkr and isolated csg leak from 298' – 306'. TOO H w/ tbg, LD pkr. SDFN.

**4/22/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. **Reported hole in csg to OCD. Received verbal approval from Monica Kuehling, OCD to replace top 445' with new csg. COA- Run MIT after replacement of csg.** ND BOP. MU tools 4 1/2 spear engage fish in WH. Pull 92K pull slips out. Slack off. Release fish. RU wireline. Circ hole w/ 9 bbls. Shoot collar @ 445'. Back off 4 ½ pull wireline. RD wireline. Pull fish to floor. LD fishing tools. LD 4 ½ fish. NU tbg head & BOP. SDFN.

**4/25/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. ND BOP & tbg head. MU 4 ½ csg. PU csg jts off flow screw into top of fish. Ran 11 jts. Set slips & cut csg. NU tbg head. Tie back to drum drlg line. NU BOP. Test csg to 560 psi. TIH w/ tbg. LD tbg on float. SDFN.

**4/26/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. MIT 565 psi for 30 min witness by Lenny Moore, OCD. Good test. RU wireline. RIH & Perf **Mesaverde** w/.33" diam.- 1SPF @ 5449', 5456', 5459', 5461', 5467', 5471', 5474', 5496', 5551', 5553', 5578', 5617', 5622', 5643', 5671', 5695', 5714', 5725', 5745', 5773', 5778', 5795', 5811', 5822', 5835', 5866', 5871', 5892', 5899', 5905', 5916, 5927'= **32** holes. POOH. RD wireline. SDFN

**4/27/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. PU Frac String. Set pkr @ 5349'. ND BOP, NU frac stack. Test Frac string 9000 psi for 30 min. Good Test. RDMO.

**5/12/22** POOH. RU Frac crew. Mesaverde (5449' – 5927') Broke well w/ H2O and 1000 gal 15% HCL. Foam Frac w/ 81,581 gal of 70 Q slick water, 273,445# 20/40 sand, 2.73M SCF N2. SDFN.

**5/14/22** SIBHP- 0, SIICP-0, SITP- 250, SICP – 50. MIRU. ND Frac Stack, NU BOP. Release frac pkr. SDFN

**5/15/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 480. BD well. TIH w/ mill tag and D/O **CBP @ 6248'**. C/O well. RIH tag & D/O **CIBP @ 7862'**. SIW. SDFN.

**5/16/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 720. BD well. TIH w/ BHA. C/O well. LD tbg. TIH & land 253 jts 2 3/8", 4.7# J-55 **tbg set @ 7996'** with S-Nipple @ 7994'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

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

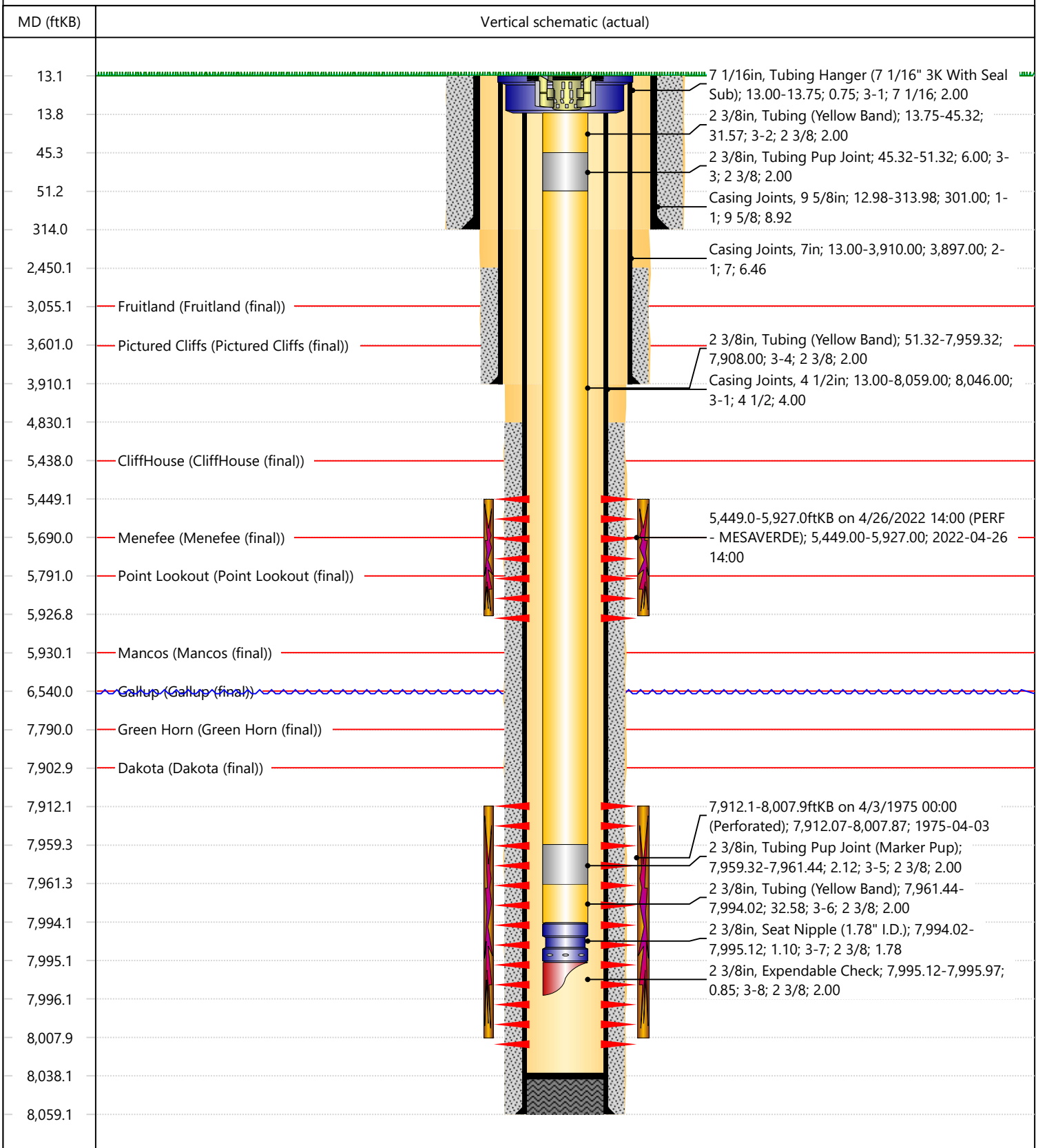


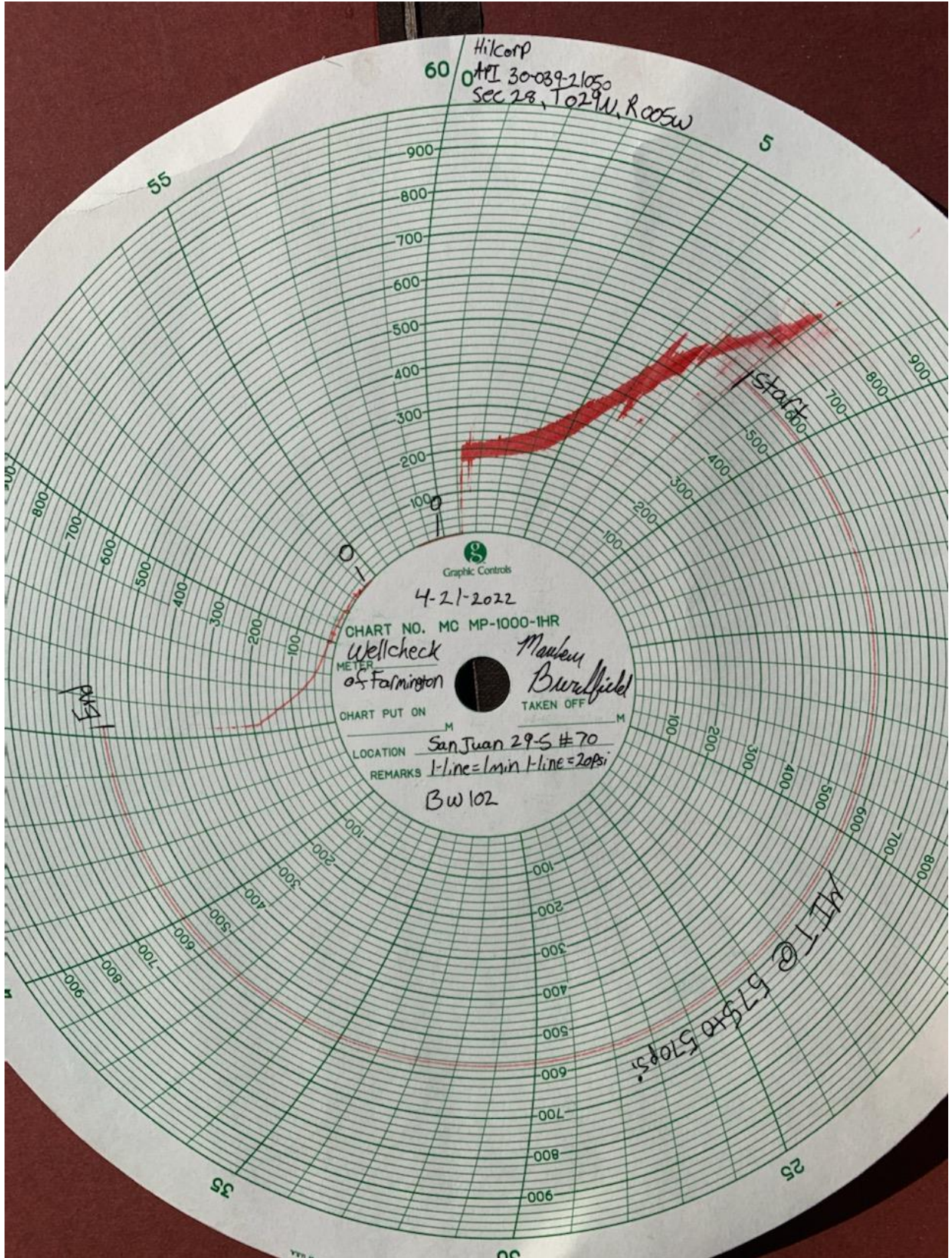
# Current Schematic

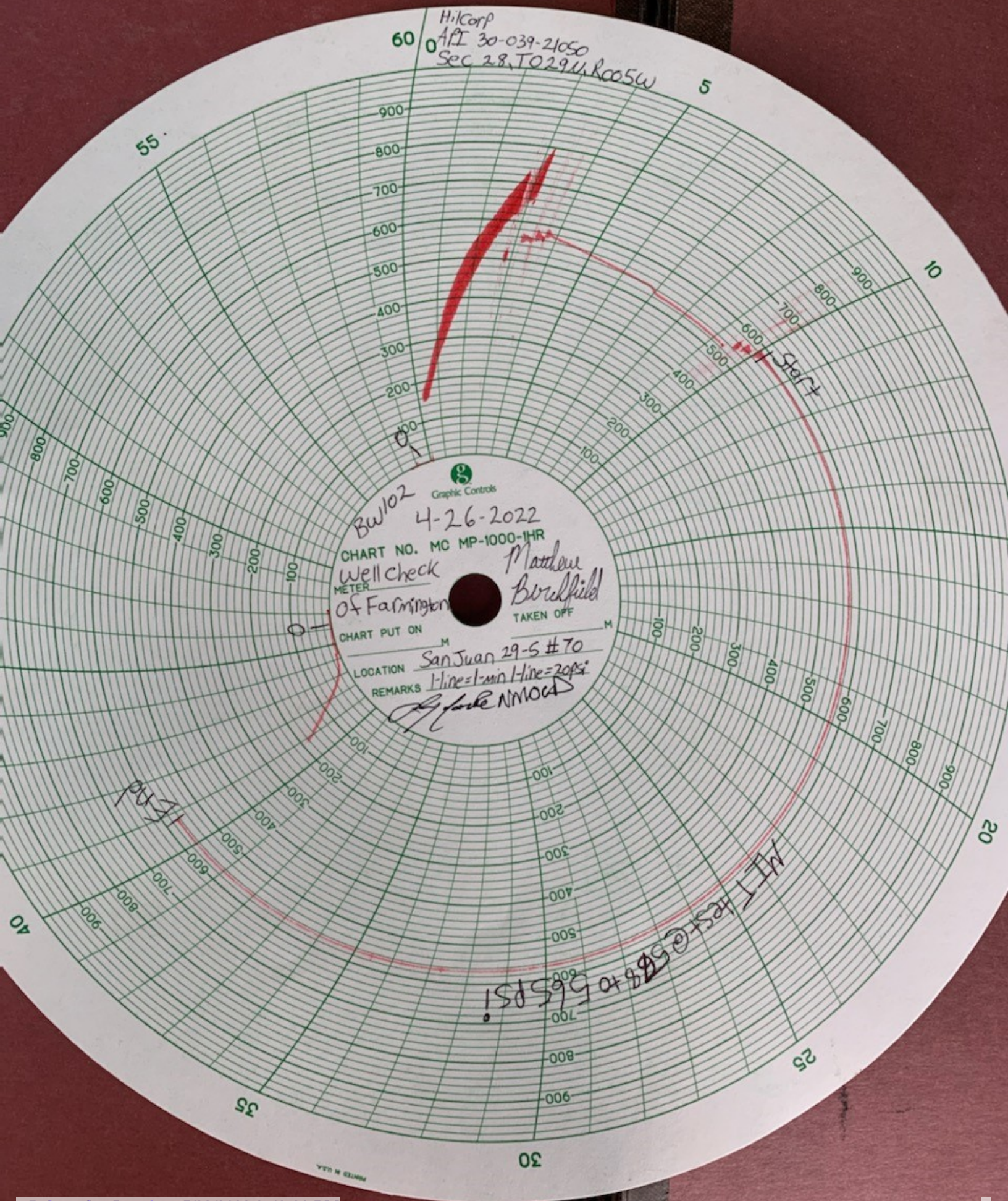
Well Name: **SAN JUAN 29-5 UNIT #70**

API / UWI 3003921050	Surface Legal Location 028-029N-005W-H	Field Name DK	Route 1308	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,630.00	Original KB/RT Elevation (ft) 6,643.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

## Original Hole [Vertical]







Hilcorp  
 API 30-039-21050  
 Sec 28, T029U, R005W

Bul102  
 4-26-2022

CHART NO. MC MP-1000-IHR  
 Well check  
 METER

OF Farmington  
 CHART PUT ON

LOCATION San Juan 29-S #70  
 REMARKS 1-line=1-min 1-line=20psi

A grade NMOCD

MT rest @ 588 to 565 psi!

PU 71

**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 114596

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 114596
	Action Type: [C-104] Completion Packet (C-104C)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.



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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 114596

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 114596
	Action Type: [C-104] Completion Packet (C-104C)

**CONDITIONS**

Created By	Condition	Condition Date
jagarcia	None	7/29/2022