

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

Form C-104  
Revised August 1, 2011

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 30-039-23699	<sup>5</sup> Pool Name Blanco Mesaverde	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 318920	<sup>8</sup> Property Name San Juan 27-5 Unit	<sup>9</sup> Well Number 110E

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

UI or lot no. C	Section 2	Township 27N	Range 05W	Lot Idn	Feet from the 910	North/South Line North	Feet from the 1620	East/West Line West	County Rio Arriba
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<sup>11</sup> Bottom Hole Location

UI 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 S	<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 5/20/1985	<sup>22</sup> Ready Date 7/14/2023	<sup>23</sup> TD 8030'	<sup>24</sup> PBTD 8017'	<sup>25</sup> Perforations 5162'-5920'	<sup>26</sup> DHC, MC DHC-5293
<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	230'	110 sx		
8 3/4"	7", 20#, K-55	3963'	215 sx		
6 1/4"	4 1/2", 11.6#, N-80	8025'	345 sx		
	2 3/8", 4.7#, J-55	7869'			

V. Well Test Data

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date 7/14/2023	<sup>33</sup> Test Date 7/14/2023	<sup>34</sup> Test Length 4 hrs	<sup>35</sup> Tbg. Pressure 455 psi	<sup>36</sup> Csg. Pressure 540 psi
<sup>37</sup> Choke Size 16/64"	<sup>38</sup> Oil 0 bbl	<sup>39</sup> Water 0 bbl	<sup>40</sup> Gas 64 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			OIL CONSERVATION DIVISION Approved by: Dean R McClure		
Printed name: Cherylene Weston			Title: Petroleum Engineer		
Title: Operations Regulatory Tech Sr.			Approval Date: 08/10/2023		
E-mail Address: cweston@hilcorp.com					
Date: 07/27/2023		Phone: 713-289-2615			

Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
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 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-039-23699
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Hilcorp Energy Company		6. State Oil & Gas Lease No. E-290-32
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name San Juan 27-5 Unit
4. Well Location Unit Letter <u>C</u> <u>910</u> feet from the <u>North</u> line and <u>1620</u> feet from the <u>West</u> line Section <u>2</u> Township <u>27N</u> Range <u>5W</u> NMPM Rio Arriba County		8. Well Number 110E
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6750' GL		9. OGRID Number 372171
		10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input checked="" type="checkbox"/>	RECOMPLETE

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The following well was recompleted into the Mesaverde as of 7/14/2023 and downhole commingled with existing Dakota under DHC-5293. Please see the attached reports.

Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherylene Weston TITLE Operations / Regulatory Technician – Sr. DATE 7/27/2023

Type or print name Cherylene Weston E-mail address: cweston@hilcorp.com PHONE: 713-289-2615

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

San Juan 27-5 Unit 110E  
API # 30-039-23699  
Recomplete Subsequent Sundry

5/15/2023 MOVE IN, RU EXPERT SL. SITP-137 PSI. SICP- 137 PSI. PULL PLUNGER. RIH TO 7,833'. PULL FISH NECK OF PLUNGER, SET 3-SLIP STOP @ 7,832'. RDMO EXPERT.

5/16/2023 MIRU. SITP-120 PSI. SICP-190 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. ND WH, NU BOP. FT, GOOD. UNSET/LD TBG HNGR. MIRU TUBOSCOPE. SCAN, TOO H W/254 TBG JTS. LD 154 JTS. RDMO T/SCOPE. TIH W/3.75" CSG SCRAPER TO 3,090'. SISW. SDFN.

5/17/2023 SITP-200 PSI. SICP-200 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. CHG OUT TBG FLOATS. TIH TO 7,779' (TOP DK PERF @ 7,781'). TOH W/CSG SCRAPER. TIH, SET 4 1/2" CIBP @ 7,731'. RU PUMP LINE, CIRC CLEAN W/115 BBLS. CLOSED PIPE RAMS, PT 4 1/2" CSG 560 PSI X 30 MINS, TEST GOOD. TOH. SISW. SDFN.

5/18/2023 SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. MIRU BIG RED SRVCS. CHG OUT LOCKDOWN PINS. TOP OFF 4 1/2" CSG. MIRU WILSON SRVCS. RUN PRELIM PT ON 4 1/2 CSG TO 620 PSI/30 MIN, GOOD. LENNY MOORE, NMOC D ARRIVE TO WITNESS MIT TO 630 PSI/30 MINS. TEST GOOD. MIRU BASIN WL. RUN CBL FROM 7,731' TO SURFACE. RIH, SET 4 1/2" CBP @ 5,985'. RDMO BASIN. LOAD CSG ANN W/40 BBLS WTR. RU WILSON SRVCS. PT CSG TO 2,000 PSI, GOOD. RDMO WILSON. SISW. SDFN.

5/19/2023 SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. MIRU BIG RED SRVCS. RD FLOOR, ND BOP, ND WH. PT 4 1/2" CSG 4,000 PSI X 30 MIN, GOOD. RDMO. NU BOP, RU FLOOR. RD FLOOR. ND BOP. NU WH. SISW.

7/5/2023 ND TREE, NU 7" X 5K FRAC STACK, PT STACK & CASING TO 4,000 PSI X 15 MIN.

7/10/2023 RU BASIN WL. RIH, PERF STAGE 1 (PT LOOKOUT/LOWER MENEFE) W/0.33", 1 SPF @ 5600, 5613, 5626, 5661, 5691, 5713, 5729, 5749, 5781, 5791, 5801, 5812, 5823, 5837, 5854, 5867, 5877, 5886, 5901, 5920' (20 HOLES). RU FRAC CREW. FRAC STAGE 1: BDW W/ WATER & 500 GAL 15% HCL. FOAM FRAC'D PT LOOKOUT/LOWER MENEFE WITH 125,248 LBS 20/40 SAND, 47,208 GAL SLICKWATER AND 1.64 MILLION SCF N2 70 Q. SET FRAC PLUG @ 5,550'. PERF STAGE 2, (CLIFFHOUSE / UPPER MENEFE) W/0.33', 1SP @ 5162, 5196, 5268, 5277, 5292, 5300, 5324, 5338, 5346, 5355, 5359, 5375, 5387, 5390, 5399, 5407, 5422, 5455, 5461, 5489, 5496, 5509, 5533' (23 HOLES). FRAC STAGE 2: BDW W/ WATER & 500 GAL 15% HCL. FOAM FRAC'D CLIFFHOUSE/UPPER MENEFE WITH 125,380 LBS 20/40 SAND, 43,680 GAL SLICKWATER AND 1.5 MILLION SCF N2 70 Q. SET CBP @ 4,998'. PLUG HELD. SIW. RDMO. TOTAL FRAC LOAD = 2188 BBLS (INCL 24 BBLS OF ACID). TOTAL SAND = 250,628 LBS. TOTAL N2 = 3.15 MILLION SCF.

7/11/2023 MIRU. LAY FLOWLINES. BH-0 PSI, INT-0 PSI, CSG-0 PSI. INSTALL HANGER, 2-WAY CHECK, ND FRAC VALVE, NU BOP, RU FLOOR. RU WELLCHECK. PT BOP, PIPE & BLIND RAMS, GOOD. RD WELLCHECK. UNLOAD WELL W/AIR TO PLUG @ 4,998'. RU SWVL. DO CBP @ 4,998'. CIRC CLEAN. HANG BACK SWVL. SISW. SDFN.

7/12/2023 BH-0 PSI, INT-0 PSI, CSG-930 PSI, TBG-0 PSI. TIH TO PLUG @ 5,550'. EST CIRC W/ AIR/MIST. DO FRAC PLUG. TAG 89' FILL ABOVE PLUG @ 5,896'. CO FILL TO PLUG @ 5,985'. DO CBP @ 5,985'. TIH TO CIBP @ 7,731'. PU SWVL. DO CIBP @ 7,731'. TAG 111' @ 7,906' (PBSD @ 8,017'). TOO H ABOVE PERFS. SISW. SDFN.

7/13/2023 BH-0 PSI, INT-0 PSI, CSG-700 PSI, TBG-0 PSI. TIH, TAG @ 7,906'. EST CIRC W/ AIR/MIST. DO PLUG REM @ 7,906'. CHASE PLUG REMAINS TO PBSD. CIRC CLEAN. TOO H, LD BIT. LAND 251 JTS 2-3/8" 4.7#, 4-55 TUBING @ 7869' (SN @ 7867'). RD FLOOR. ND BOP, NU WH. PT TBG, PUMP OFF EXP CHECK. UNLOAD WELL. RDRR.

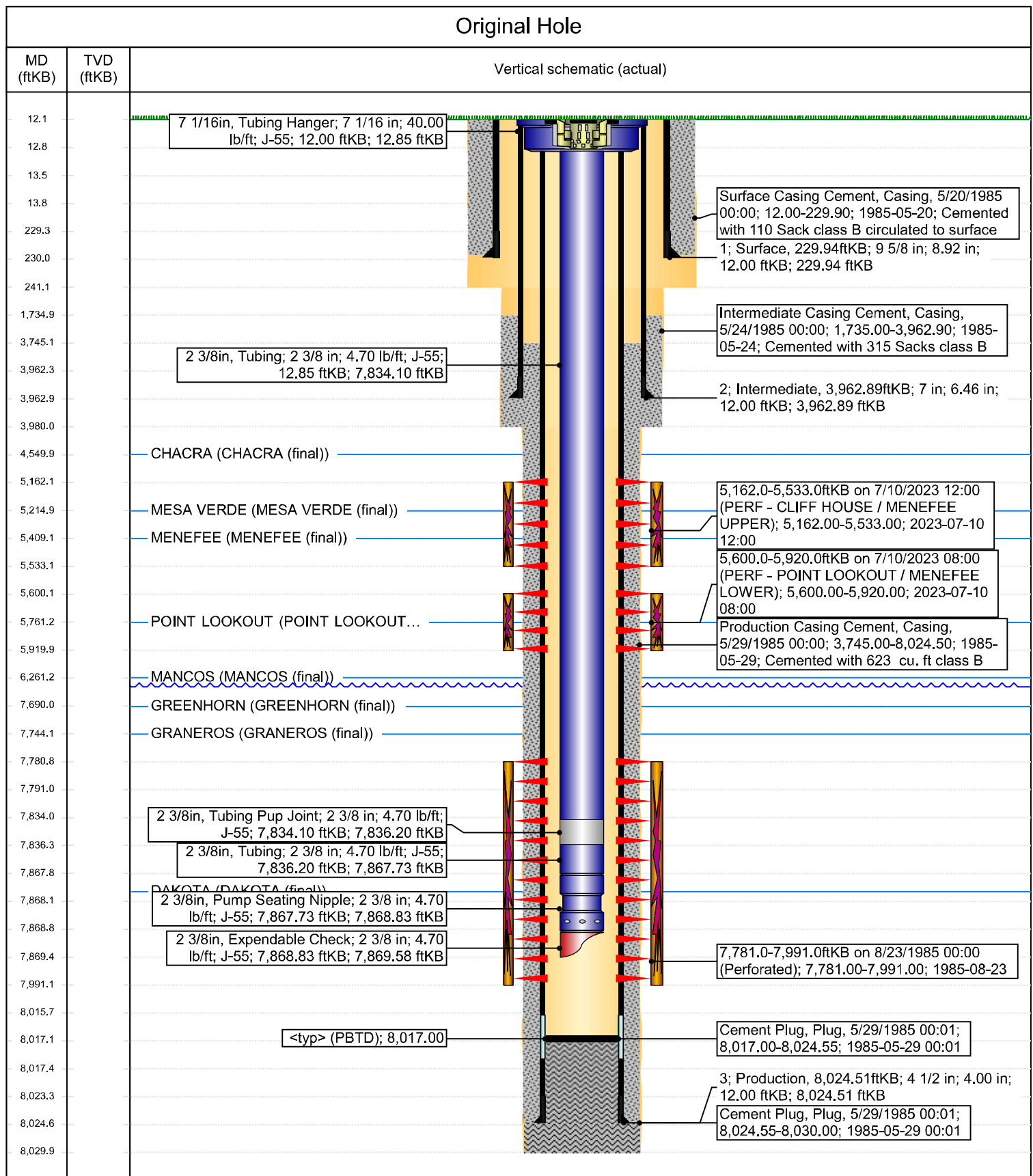
This well is currently producing as a Mesaverde/Dakota commingle with Gas Allowable C-104 waiting on RC C-104 approval.



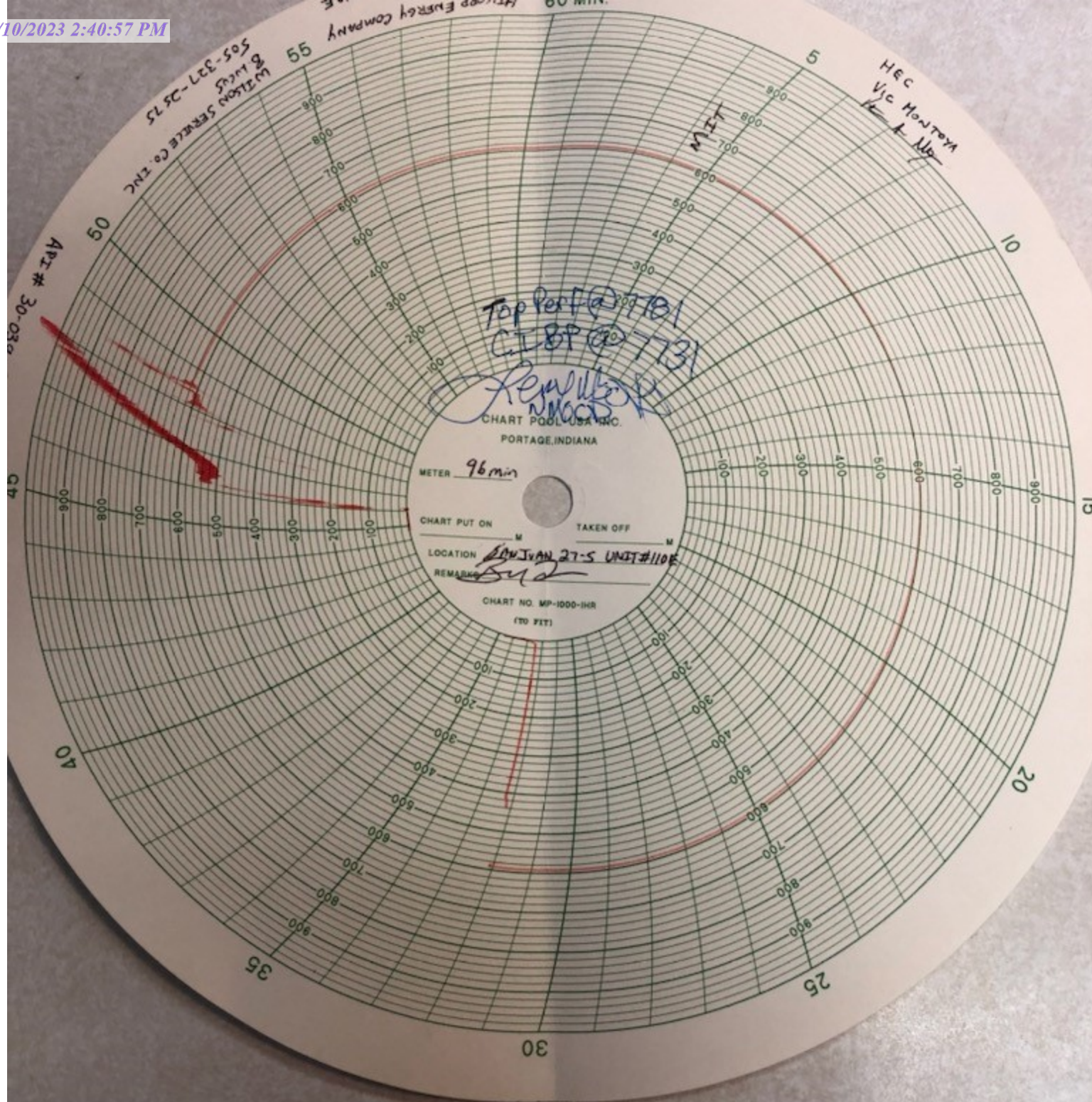
## Current Schematic - Version 3

Well Name: SAN JUAN 27-5 UNIT #110E

API / UWI 3003923699	Surface Legal Location 002-027N-005W-C	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1310	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,750.00	Original KB/RT Elevation (ft) 6,762.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	







Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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					
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
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 27-5 Unit		
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____								6. Well Number: 110E		
8. Name of Operator HILCORP ENERGY COMPANY						9. OGRID 372171				
10. Address of Operator 382 ROAD 3100, AZTEC, NM 87410						11. Pool name or Wildcat BLANCO MESAVERDE				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	2	27N	05W		910	NORTH	1620	WEST	RIO ARRIBA
BH:										
13. Date Spudded 5/20/1985		14. Date T.D. Reached 5/29/1985		15. Date Rig Released 7/13/2023		16. Date Completed (Ready to Produce) 7/14/2023		17. Elevations (DF and RKB, RT, GR, etc.) 6750'		
18. Total Measured Depth of Well 8030'				19. Plug Back Measured Depth 8017'		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name BLANCO MESAVERDE: 5162' – 5920'										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9 5/8"		36		230'		12 1/4"		110 SX		
7"		20		3963'		8 3/4"		215 SX		
4 1/2"		11.6		8025'		6 1/4"		345 SX		
<b>24. LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN						
<b>25. TUBING RECORD</b>										
SIZE	DEPTH SET		PACKER SET							
	2 3/8"		7869'							
<b>26. Perforation record (interval, size, and number)</b> PERF CLIFFHOUSE/UPPER MENEFE (5162'–5533') 1 SPF, 0.33" DIA, 23 HOLES PERF PT LOOKOUT/LOWER MENEFE (5600'–5920') 1 SPF, 0.33" DIA, 20 HOLES						<b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						5162'-5920'		FRAC @ 65 BPM W/70 Q N2 FOAM. TOTAL FRAC LOAD = 2188 BBLS (24 BBLS ACID).		
								TOTAL SAND = 250,628#.		
								TOTAL N2 = 3.15M SCF		
<b>28. PRODUCTION</b>										
Date First Production 7/14/2023		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 7/14/2023	Hours Tested 4	Choke Size 16/64"	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
				0 BBL	65 MCF	0 BBL				
Flow Tubing Press. 455 PSI	Casing Pressure 540 PSI	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )				
			0 BBL	64 MCF	0 BBL					
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) SOLD								30. Test Witnessed By		
31. List Attachments CBL, MIT										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date: 7/13/2023		
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 Printed Signature <i>Cherylene Weston</i> Name Cherylene Weston      Title Ops/Regulatory Tech-Sr.      Date 7/27/2023  E-mail Address cweston@hilcorp.com										



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.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Mesaverde 5161'	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos 6754'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 7690'	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota 8025'	
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	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

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.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

**District I**  
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**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

ACKNOWLEDGMENTS  
  
Action 250673

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 250673
	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) 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 250673

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 250673
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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