

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 30-039-26375	<sup>5</sup> Pool Name Blanco-Mesaverde (Prorated Gas)	
<sup>6</sup> Pool Code 72319		
<sup>7</sup> Property Code 318716	<sup>8</sup> Property Name San Juan 30-6 Unit	<sup>9</sup> Well Number 31Y

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

UI or lot no. D	Section 33	Township 30N	Range 6W	Lot Idn	Feet from the 1205	North/SouthLine North	Feet from the 1300	East/West line West	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
373888	Harvest Four Corners	G

IV. Well Completion Data

<sup>21</sup> Spud Date 5/30/2000	<sup>22</sup> Ready Date 10/28/2021	<sup>23</sup> TD MD 7834'	<sup>24</sup> PBTD MD 7786'	<sup>25</sup> Perforations 4917'-5814'	<sup>26</sup> DHC, MC DHC-5156
<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", 32.3#, WC-50	239'	210 sx (248 cf)		
8 3/4"	7", 20#, J-55	3621'	494 sx (1226 cf)		
6 1/4"	4 1/2", 10.5#, J-55	7831'	460 sx (672 cf)		
	2 3/8", 4.7#, J-55	7678'			

V. Well Test Data

<sup>31</sup> Date New Oil NA	<sup>32</sup> Gas Delivery Date 10/28/2021	<sup>33</sup> Test Date 10/28/21	<sup>34</sup> Test Length 24hr	<sup>35</sup> Tbg. Pressure SI-175psi	<sup>36</sup> Csg. Pressure SI-200psi
<sup>37</sup> Choke Size 32/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 4.5 bwpd	<sup>40</sup> Gas 219 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>		OIL CONSERVATION DIVISION	
Printed name: Kandis Roland		Approved by: <i>PATRICIA MARTINEZ</i>	
Title: Operations Regulatory Tech Sr.		Title: <i>PETROLEUM SPECIALIST</i>	
E-mail Address: kroland@hilcorp.com		Approval Date: <i>1/7/2022</i>	
Date: 11/9/21	Phone: (713) 757-5246		

Submit 1 Copy To Appropriate District

## 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

1000 Rio Brazos Rd., Aztec, NM 87410

District IV – (505) 476-3460

1220 S. St. Francis Dr., Santa Fe, NM

87505

State of New Mexico  
Energy, Minerals and Natural ResourcesForm C-103  
Revised July 18, 2013OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-039-26375
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name San Juan 30-6 Unit
8. Well Number 31Y
9. OGRID Number 372171
10. Pool name or Wildcat Blanco Mesaverde / Basin Dakota

<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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Hilcorp Energy Company	
3. Address of Operator 382 Road 3100, Aztec, NM 87410	
4. Well Location Unit Letter <u>D</u> : <u>1205</u> feet from the <u>North</u> line and <u>1300</u> feet from the <u>West</u> line Section <u>33</u> Township <u>30N</u> Range <u>06W</u> NMPM County <u>Rio Arriba</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6315' GL	

## 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.

Attached please find the recomplete operations

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 Kandis Roland TITLE: Operations/Regulatory Technician-Sr. DATE 11/9/2021Type or print name Kandis Roland E-mail address: kroland@hilcorp.com PHONE: 713-757-5246**For State Use Only**

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

Conditions of Approval (if any):

San Juan 30-6 Unit 31Y  
API # 30-039-26375  
Recomplete Subsequent Sundry

**9/22/2021** MIRU. SIBHP- 0, SITP- 0, SICP – 70. ND WH, NU BOP. TIH and scan tbg. SDFN.

**9/23/2021** SITP-100, SICP – 100. BDW. LD 221 jts tbg. P/U RIH w/ 3 7/8' string mill and 240 jts tbg to 7584' RR Pipe. TOOH to 3550' SDFN.

**9/24/2021** SICP – 310. Finished TOOH w/ mill. RIH w/ and set BP @ 7534'. PUH to 7530' Load hole w/ 130 bbls treated H2O. Set pkr test BP 1000#, good test. Tested down back side annulus to 1000#. Good test. Released pkr retrieved BP TOOH. P/U and RIH w/ 4/12" CIBP and set **CIBP @ 7534'**. SDFN.

**9/27/2021** SIBHP- 0, SIICP – 0, SICP – 0, SITP - 0. MIT 560 psi for 30 min witness by John Durham, OCD. Good test. Make up semi composite retainer. RIH and set **retainer @ 5914'**. Test 4 ½' csg to 4,000 psi. Good test. LD 188 jts of tbg. ND BOP, NU WH. RD.

**10/11/2021.** ND WH. NU Frac Stack. Test cgs and stack to 4,000 psi for 30 min. good test.

**10/20/2021.** RU wireline. RIH & Perf **Pt Lookout/Lower Menefee** w/.33" diam.- 1SPF: 5814', 5776', 5722', 5697', 5691', 5676', 5647', 5621', 5616', 5584', 5576', 5566', 5555', 5549', 5544', 5531', 5525', 5519', 5506', 5488', 5477', 5447', 5442', 5422', 5357'= **25** holes. Frac Stage 1: Pt Lookout/Lower Menefee (5814' – 5357') Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 49,316 gal of 70 Q slick water, 150,000# 20/40 sand, 1.46M SCF N2. RIH set **CFP @ 5300'**. POOH and RIH & perf **Cliffhouse/Upper Menefee** w/ .33" diam. -1SPF: 5229', 5222', 5210', 5206', 5171', 5165', 5155', 5149', 5137', 5131', 5120', 5117', 5109', 5099', 5081', 5071', 5061', 5054', 5019', 4975', 4958', 4945', 4928', 4917'= **24** holes. Frac Stage 2: Cliffhouse/Upper Menefee (5229' – 4917') Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 41,978 gal of 70 Q slick water, 161,000# 20/40 sand, 1.49M SCF N2. RIH & set **CBP @ 4730'**. SIW RD.

**10/21/2021** SIBHP- 0, SIICP – 0, SICP – 900. RU. BDW. ND frac Stack, NU BOP. Conduct charted BOP pressure test. Good test. P/U 3 7/8" mill. P/U tbg to CBP @ 4730'. SDFN.

**10/22/2021** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. Mill Out **CBP @ 4730'**. C/O to CFP. Mill out **CFP @ 5300'**. C/O well. SDFN

**10/23/2021** SIBHP- 0, SIICP-0, SITP- 0, SICP – 230. BDW. TIH C/O well. Mill out Semi Composite **Retainer @ 5914'**. C/O well. D/O **CIBP @ 7534'**. C/O well. SDFN.

**10/24/2021.** TIH C/O well. TIH w/ tbg. Land 243 jts 2 3/8", 4.7# J-55 **tbg set @ 7678'** with S-Nipple @ 7677'. ND BOP. NU WH. PT tbg to 500 psi. Test OK. RDMO

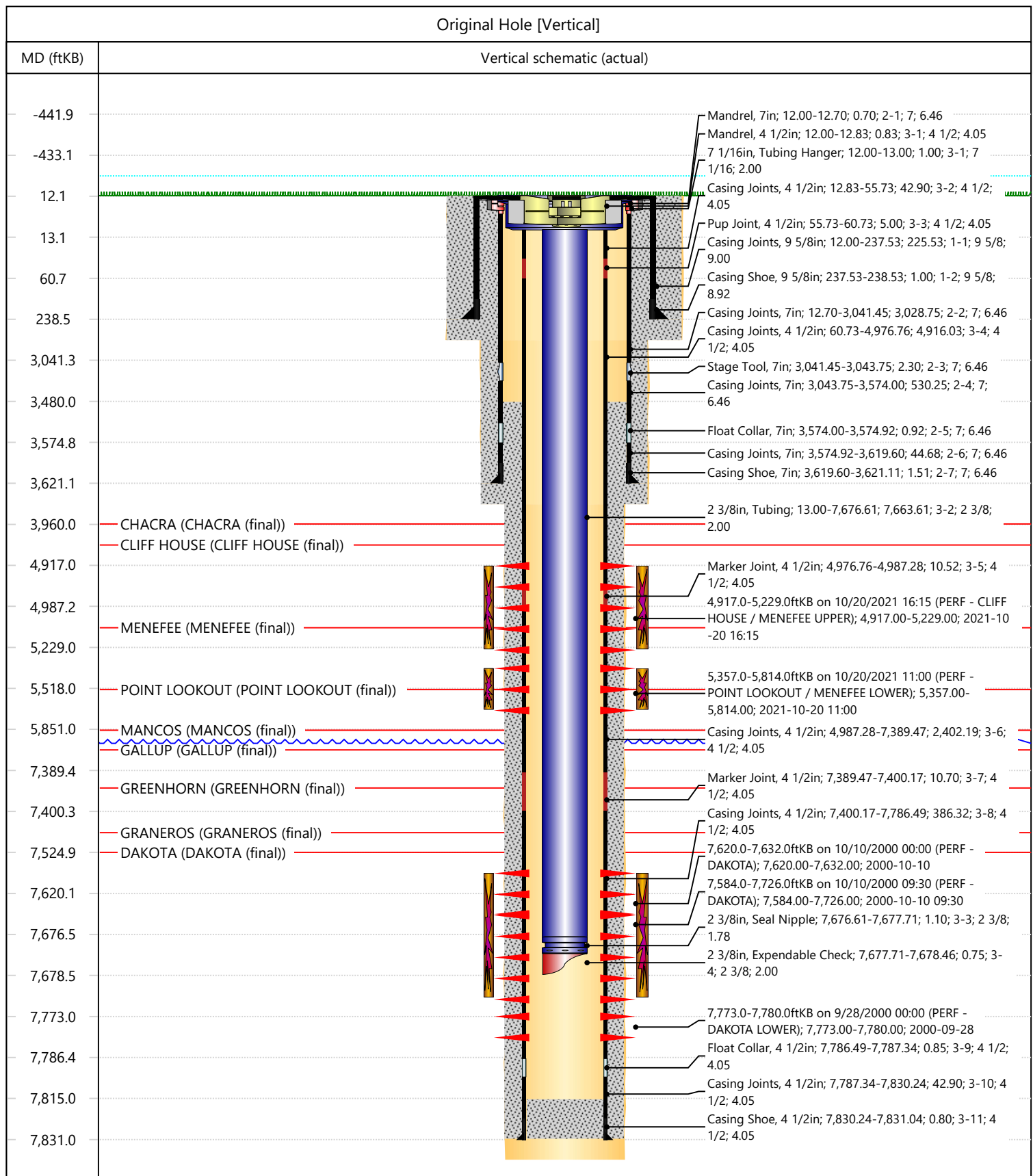
**This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.**



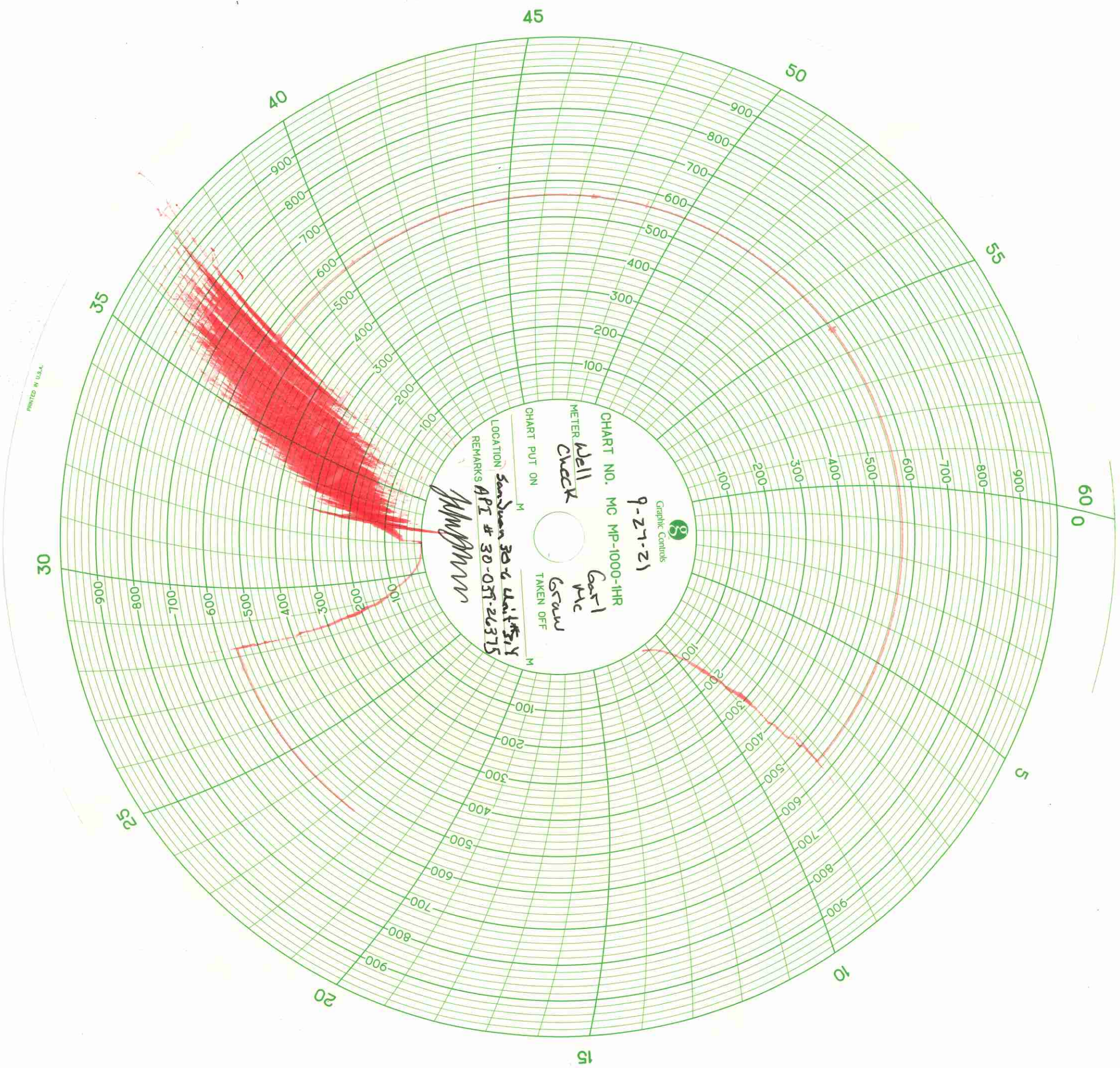
## Current Schematic

Well Name: SAN JUAN 30-6 UNIT #31Y

API / UWI 3003926375	Surface Legal Location 033-030N-006W-D	Field Name BASIN DAKOTA (PRO GAS)	Route 1102	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,313.00	Original KB/RT Elevation (ft) 6,325.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	







PRINTED IN U.S.A.



Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 811 S. First St., Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 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 30-6 Unit		
								6. Well Number: 31Y		
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OTHER <u>  RECOMPLETE  </u>										
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
<b>Surface:</b>	D	33	30N	6W		1205	NORTH	1300	WEST	Rio Arriba
<b>BH:</b>										
13. Date Spudded 5/30/2000		14. Date T.D. Reached 6/7/2000		15. Date Rig Released 10/24/2021		16. Date Completed (Ready to Produce) 10/24/2021		17. Elevations (DF and RKB, RT, GR, etc.) 6315' GL		
18. Total Measured Depth of Well 7834'			19. Plug Back Measured Depth 7786'			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name 4917' – 5814' MESAVERDE										
<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"		32.3		239'		12 1/4"		248 CF		
7"		20#		3621'		8 3/4"		1226 CF		
4 1/2"		10.5#		7831'		6 1/4"		672 CF		
<b>24. LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN						
<b>25. TUBING RECORD</b>										
SIZE	DEPTH SET		PACKER SET							
	2 3/8"		7678'							
26. Perforation record (interval, size, and number) Pt Lookout/Lower Menefee w/.33" diam.- 1SPF: 5814', 5776', 5722', 5697', 5691', 5676', 5647', 5621', 5616', 5584', 5576', 5566', 5555', 5549', 5544', 5531', 5525', 5519', 5506', 5488', 5477', 5447', 5442', 5422', 5357'= 25 holes.  Cliffhouse/Upper Menefee w/.33" diam. -1SPF: 5229', 5222', 5210', 5206', 5171', 5165', 5155', 5149', 5137', 5131', 5120', 5117', 5109', 5099', 5081', 5071', 5061', 5054', 5019', 4975', 4958', 4945', 4928', 4917'= 24 holes.						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED				
5357'-5814'						Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 49,316 gal of 70 Q slick water, 150,000# 20/40 sand, 1.46M SCF N2				
4917'-5229'						Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 41,978 gal of 70 Q slick water, 161,000# 20/40 sand, 1.49M SCF N2				
<b>28. PRODUCTION</b>										
Date First Production 10/28/2021			Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD			
Date of Test 10/28/2021	Hours Tested 1	Choke Size 32/64"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 9	Water - Bbl. 0.19	Gas - Oil Ratio			
Flow Tubing Press. SI 175	Casing Pressure SI 200	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF 219	Water - Bbl. 4.5	Oil Gravity - API - (Corr.)				
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: 10/24/2021		

Signature Kandis Roland Printed Name Kandis Roland Title Operations/Regulatory Tech Sr. Date 11/9/2021

E-mail Address: kroland@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 2290	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 2465	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 2835	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 3255	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 4820	T. Leadville
T. Queen	T. Silurian	T. Menefee 5136	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 5518	T. Elbert
T. San Andres	T. Simpson	T. Mancos 5851	T. McCracken
T. Glorieta	T. McKee	T. Gallup 6572	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn 7441	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota 7525	
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.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

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**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 71076

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 71076
	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 71076

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 71076
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/7/2022