

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 30-039-22265	<sup>5</sup> Pool Name Blanco-Mesaverde (Prorated Gas)		<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 123R

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

UI or lot no. G	Section 16	Township 28N	Range 6W	Lot Idn	Feet from the 1520	North/SouthLine North	Feet from the 1540	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 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 Refining Company	O
151618	Enterprise Field Services	G

IV. Well Completion Data

<sup>21</sup> Spud Date 12/17/1980	<sup>22</sup> Ready Date 6/26/22	<sup>23</sup> TD MD 8042'	<sup>24</sup> PBTD MD 8034'	<sup>25</sup> Perforations 5237'- 5982'	<sup>26</sup> DHC, MC DHC-4909
<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", 40#, 66-S	246'		224 cf
8 3/4"		7", 20#, K-55	3904'		360 cf
6 1/4"		4 1/2", 10.5, K-55	8042'		640 cf
		2 3/8", 4.7#, J-55	7938'		

V. Well Test Data

<sup>31</sup> Date New Oil NA	<sup>32</sup> Gas Delivery Date 6/26/2022	<sup>33</sup> Test Date 6/26/22	<sup>34</sup> Test Length 24hr	<sup>35</sup> Tbg. Pressure 150 psi	<sup>36</sup> Csg. Pressure 120 psi
<sup>37</sup> Choke Size 32/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 0 bwpd	<sup>40</sup> Gas 0 mcf/d		<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: <div>Kandis Roland</div>			OIL CONSERVATION DIVISION Approved by: John Garcia		
Printed name: Kandis Roland			Title: Petroleum Engineer		
Title: Operations Regulatory Tech Sr.			Approval Date: 7/29/2022		
E-mail Address: kroland@hilcorp.com					
Date: 7/13/22		Phone: (713) 757-5246			

Well Name: SAN JUAN 28-6 UNIT	Well Location: T28N / R6W / SEC 16 / SWNE / 36.66431 / -107.46816	County or Parish/State: RIO ARRIBA / NM
Well Number: 123R	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079192	Unit or CA Name: SAN JUAN 28-6 UNIT--DK	Unit or CA Number: NMNM78412C
US Well Number: 3003922265	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2681622

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/13/2022

Date Operation Actually Began: 03/28/2022

Type of Action: Recompletion

Time Sundry Submitted: 06:00

**Actual Procedure:** Subject well was recompleted into the Mesaverde and commingled with existing Dakota. Please see attached operational reports.

SR Attachments

Actual Procedure

- SJ\_28\_6\_Unit\_123R\_MIT\_Chart\_20220713060040.pdf
- Current\_Schematic\_20220713060020.pdf
- SJ\_28\_6\_Unit\_123R\_Recomplete\_Sundry\_20220713060000.pdf

Well Name: SAN JUAN 28-6 UNIT	Well Location: T28N / R6W / SEC 16 / SWNE / 36.66431 / -107.46816	County or Parish/State: RIO ARRIBA / NM
Well Number: 123R	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079192	Unit or CA Name: SAN JUAN 28-6 UNIT--DK	Unit or CA Number: NMNM78412C
US Well Number: 3003922265	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: KANDIS ROLAND

Signed on: JUL 13, 2022 06:00 AM

Name: HILCORP ENERGY COMPANY

Title: Operation Regulatory Tech

Street Address: 382 Road 3100

City: Farmington

State: NM

Phone: (505) 599-3400

Email address: kroland@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: 07/15/2022

Signature: Kenneth Rennick

San Juan 28-6 Unit 123R  
API # 30-039-22265  
Recomplete Subsequent Sundry

**3/28/22** SIBHP- 0, SIICP-0, SITP- 58, SICP- 58. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. TOOH and scan tbg. SIW. SDFN.

**3/29/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 58. BWD. TIH w/ mill & 58 stands of tbg. TOOH w/ mill. TIH and set **CIBP @ 7788'**. PT csg to 580 psi. Good Test. SIW. SDFN

**3/30/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. MIT 560 psi for 30 min witness by Lenny Moore, OCD. Good test. TOOH w/ tbg. RU wireline. Run CBL from 7788' to surface. **Submitted CBL to Monica Kuehling/OCD and Kenny Rennick/BLM. Received verbal approval on 3/31/22 to proceed with recomplete.** RIH & set **CBP @ 5985'**. RD wireline. PT csg to 2300 psi. Good test.

**3/31/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. ND BOP, NU WH. PT, good test. RDMO

**6/21/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wireline. RIH & Perf **PT Lookout/Lower Menefee** w/.33" diam.- 1SPF @: 5591', 5601', 5615', 5621', 5654', 5672', 5712', 5732', 5746', 5751', 5757', 5766', 5772', 5781', 5788', 5814', 5827', 5832', 5838', 5859', 5864', 5876', 5881', 5888', 5901', 5924', 5959', 5982'= **28** holes. POOH. RD wireline. RU Frac crew. PT Lookout/Lower Menefee (5591' – 5982') Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 44,520 gal of 70 Q slick water, 150,179# 20/40 sand, 1.53M SCF N2. RIH and set **frac plug @ 5574'**. POOH. RIH & perf **Cliffhouse/Upper Menefee** w/.33" diam.- 1-SPF @: 5237', 5247', 5258', 5279', 5299', 5314', 5325', 5344', 5354', 5358', 5364', 5377', 5382', 5390', 5393', 5400', 5404', 5417', 5452', 5488', 5516', 5524', 5545', 5557'= **24** holes. POOH. RD wireline. Frac Cliffhouse/Upper Menefee (5237' – 5557') Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 48,090 gal of 70 Q slick water, 150,312# 20/40 sand, 1.62M SCF N2. RIH & set **CBP @ 5012'**. TOOH. SIW. SDFN.

**6/22/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. MIRU. ND WH, NU BOP. PT BOP, good test. TIH w/ mill D/O **CBP @ 5012'**. C/O well. LD tbg. SIW. SDFN.

**6/23/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 500. BWD. TIH tag fill. C/O well. RIH & D/O **Frac Plug @ 5574'**. C/O well. TOOH. SIW. SDFN.

**6/24/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 200. BDW. TIH tag fill. C/O well. TIH D/O **CBP 5985'**. C/O well. D/O **CIBP @ 7788'**. C/O well. TOOH. LD tbg. SIW. SDFN.

**6/25/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 200. BDW. RU tester. Hydra test tbg to 4000 psi. Tag @ 8029'. TIH & land 253 jts 2 3/8", 4.7# J-55 **tbg set @ 7938'** with S-Nipple @ 7936'. ND BOP. NU WH. PT tbg to 600 psi. Test Good. RDMO.

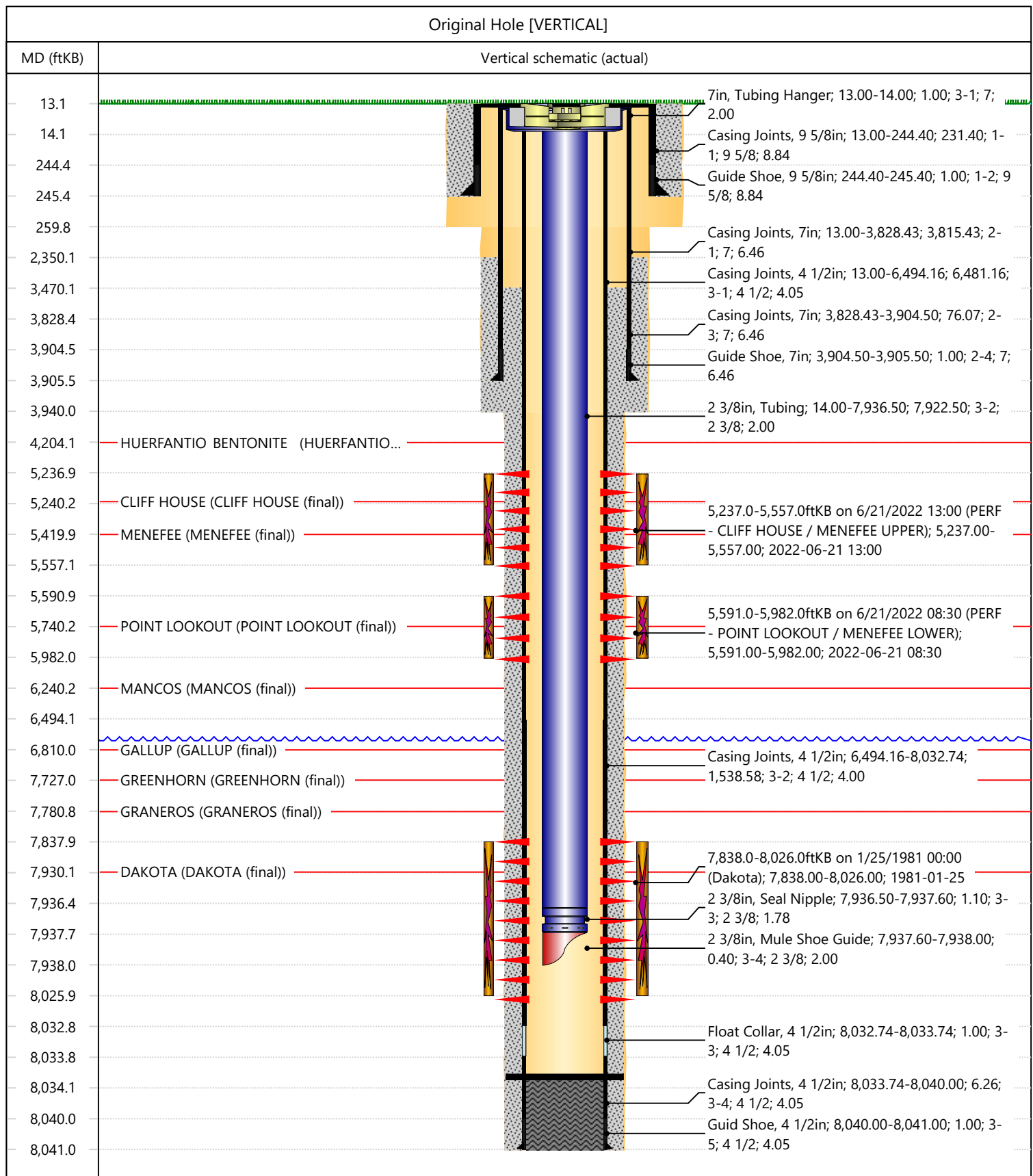
**This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.**



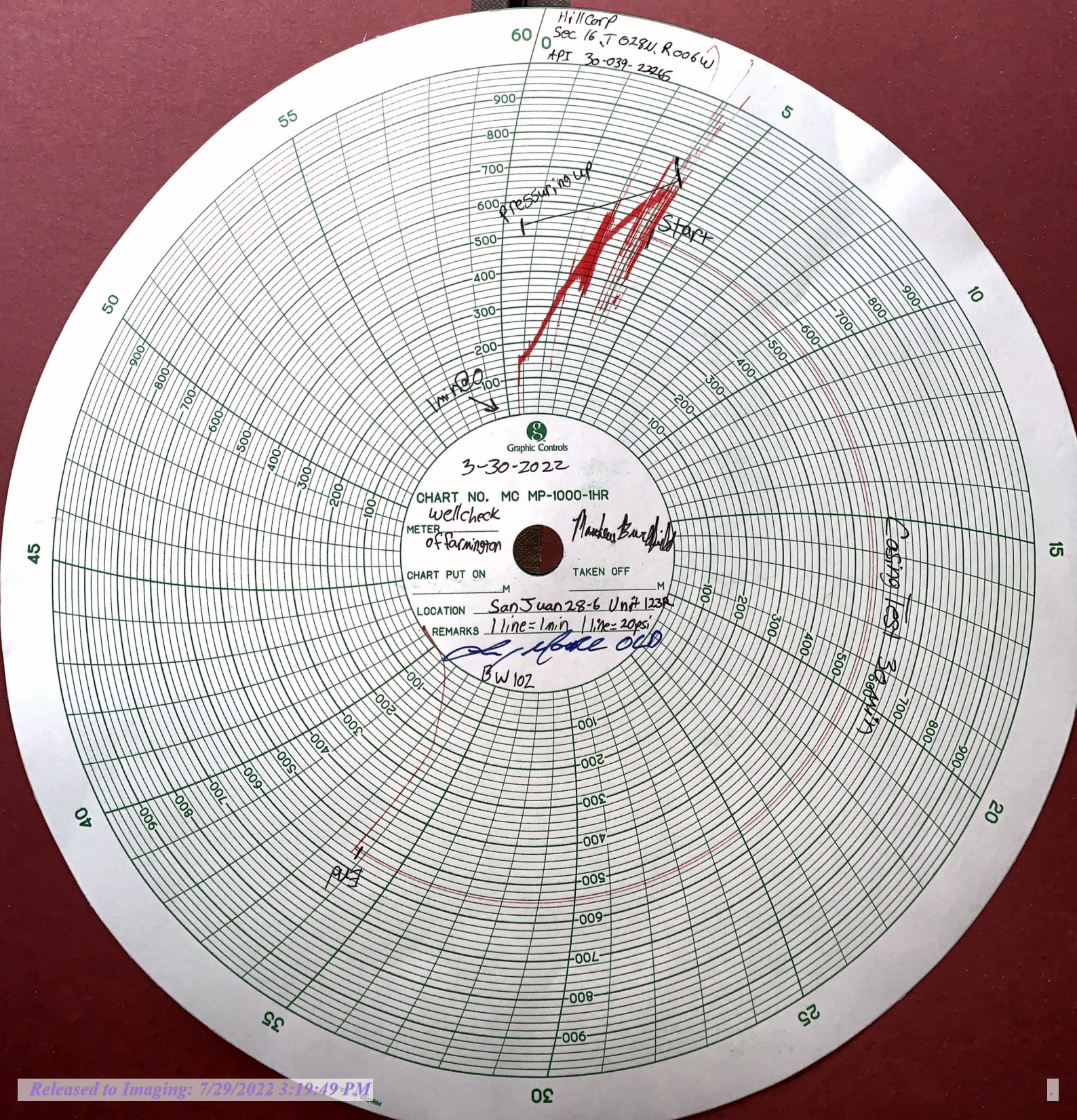
## Current Schematic

Well Name: SAN JUAN 28-6 UNIT #123R

API / UWI 3003922265	Surface Legal Location 016-028N-006W-G	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1303	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,699.00	Original KB/RT Elevation (ft) 6,712.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	









## Kandis Roland

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**From:** blm-afmss-notifications@blm.gov  
**Sent:** Friday, July 15, 2022 2:45 PM  
**To:** Kandis Roland  
**Subject:** [EXTERNAL] Well Name: SAN JUAN 28-6 UNIT, Well Number: 123R, Notification of Well Completion Acceptance

### 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: **123R**
- US Well Number: **3003922265**
- Well Completion Report Id: **WCR2022071585318**

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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 MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2018

5. Lease Serial No.

**NMSF079192**

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**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
San Juan 28-6 Unit

2. Name of Operator

**Hilcorp Energy Company**

8. Lease Name and Well No.

**San Juan 28-6 Unit 123R**

3. Address

**382 Rd 3100, Aztec NM 87410**

3a. Phone No. (include area code)

**(505) 333-1700**

9. API Well No.

**30-039-22265**

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

At surface **Unit G (SWNE), 1520' FNL & 1540' FEL,**

At top prod. Interval reported below

**Same as above**

At total depth

**Same as above**

14. Date Spudded

**12/17/1980**

15. Date T.D. Reached

**12/27/1980**

16. Date Completed

**6/26/2022**☐ D & A☒ Ready to Prod.

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

**6699'**

18. Total Depth:

**8042'**

19. Plug Back T.D.:

**8034'**

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
<b>13 3/4"</b>	<b>9 5/8" 66-S</b>	<b>40#</b>	<b>0</b>	<b>246'</b>	<b>n/a</b>	<b>224 cf</b>			
<b>8 3/4"</b>	<b>7" K-55</b>	<b>20#</b>	<b>0</b>	<b>3904'</b>	<b>n/a</b>	<b>360 cf</b>			
<b>6 1/4"</b>	<b>4 1/2" K-55</b>	<b>10.5#</b>	<b>0</b>	<b>8042'</b>	<b>n/a</b>	<b>640 cf</b>			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
<b>2 3/8"</b>	<b>7938'</b>							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Point Lookout/Lower Menefee</b>	<b>5591'</b>	<b>5982'</b>	<b>1 SPF</b>	<b>.33"</b>	<b>28</b>	<b>open</b>
B) <b>Cliffhouse /Upper Menefee</b>	<b>5237'</b>	<b>5557'</b>	<b>1 SPF</b>	<b>.33"</b>	<b>24</b>	<b>open</b>
C)						
D) <b>TOTAL</b>					<b>52</b>	

26. Perforation Record

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

Depth Interval	Amount and Type of Material
<b>5591-5982</b>	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 44,520 gal of 70 Q slick water, 150,179# 20/40 sand, 1.53M SCF N2
<b>5237-5557</b>	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 48,090 gal of 70 Q slick water, 150,312# 20/40 sand, 1.62M 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
<b>6/26/2022</b>	6/26/2022	24		0	0 mcf	0 bbls	n/a	n/a	<b>Flowing</b>
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	150 psi	120 psi		0	0 mcf/d	0 bwpd	n/a		<b>Producing</b>

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	2762'	2894'	White, cr-gr ss	Ojo Alamo	2762'
Kirtland	2894'	3197'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2894'
Fruitland	3197'	3556'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	3197'
Pictured Cliffs	3556'	4290'			3556'
Lewis	4290'	4524'	Shale w/ siltstone stingers	Lewis	4290'
Chacra	4524'	5240'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4524'
Cliffhouse	5240'	5420'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5240'
Menefee	5420'	5740'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5420'
Point Lookout	5740'	5240'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5740'
Mancos	5240'	6810'	Dark gry carb sh.	Mancos	5240'
Gallup	6810'	7727'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6810'
Greenhorn	7727'	7727'	Highly calc gry sh w/ thin lmst.	Greenhorn	7727'
Graneros	7727'	7930'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7727'
Dakota	7930'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7930'
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss		

## 32. Additional remarks (include plugging procedure):

**This well is currently producing as a MV/DK commingle per DHC 4909-AZ. MV PA - 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) Kandis Roland Title Operations/Regulatory Technician

Signature Kandis Roland Date 7/12/2022

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 126378

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 126378
	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**  
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**

CONDITIONS  
  
Action 126378

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 126378
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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