

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 30-039-20844	<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 213	

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

UI or lot no. A	Section 31	Township 28N	Range 6W	Lot Idn	Feet from the 1180	North/SouthLine North	Feet from the 1000	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 4/4/1978	<sup>22</sup> Ready Date 6/25/22	<sup>23</sup> TD MD 7709'	<sup>24</sup> PBTD MD 7703'	<sup>25</sup> Perforations 4849'- 5556'	<sup>26</sup> DHC, MC DHC-5035
<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#, H-40	224'		224 cf
8 3/4"		7", 20#, K-55	3545'		256 cf
6 1/4"		4 1/2", 10.5 & 11.6#, K-55	7709'		643 cf
		2 3/8", 4.7#, J-55	7525'		

V. Well Test Data

<sup>31</sup> Date New Oil NA	<sup>32</sup> Gas Delivery Date 6/25/22	<sup>33</sup> Test Date 6/25/22	<sup>34</sup> Test Length 24hr	<sup>35</sup> Tbg. Pressure 457 psi	<sup>36</sup> Csg. Pressure 350 psi
<sup>37</sup> Choke Size 24/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 2 bwpd	<sup>40</sup> Gas 441 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: <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: 7/12/2022		Phone: (713) 757-5246			

<b>Well Name:</b> SAN JUAN 28-6 UNIT	<b>Well Location:</b> T28N / R6W / SEC 31 / NENE / 36.62178 / -107.502213	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 213	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF080430A	<b>Unit or CA Name:</b> SAN JUAN 28-6 UNIT--DK	<b>Unit or CA Number:</b> NMNM78412C
<b>US Well Number:</b> 3003920844	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

Subsequent Report

**Sundry ID:** 2681433

**Type of Submission:** Subsequent Report

**Date Sundry Submitted:** 07/12/2022

**Date Operation Actually Began:** 04/14/2022

**Type of Action:** Recompletion

**Time Sundry Submitted:** 09:01

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

SR Attachments

- Actual Procedure**
- SAN\_JUAN\_28\_6\_UNIT\_213\_20220712090105.pdf
  - SJ\_28\_6\_Unit\_213\_Recomplete\_Sundry\_20220712090023.pdf

Well Name: SAN JUAN 28-6 UNIT	Well Location: T28N / R6W / SEC 31 / NENE / 36.62178 / -107.502213	County or Parish/State: RIO ARRIBA / NM
Well Number: 213	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080430A	Unit or CA Name: SAN JUAN 28-6 UNIT--DK	Unit or CA Number: NMNM78412C
US Well Number: 3003920844	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 12, 2022 09:01 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 213  
API # 30-039-20844  
Recomplete Subsequent Sundry

**4/14/22** SIBHP- 0, SIICP-0, SITP- 90, SICP- 160. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. TOOH and scan tbg. TIH w/ mill and tbg to 4300'. SIW. SDFN.

**4/18/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 85. BWD. TOOH w/ mill. TIH and set **CIBP @ 7424'**. PT csg to 500 psi. Good Test. LD tbg. SIW. SDFN

**4/19/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wireline. Run CBL from 7375' to surface. TOC @ 2600'. **Submitted CBL to Monica Kuehling/OCD and Kenny Rennick/BLM. Received verbal approval on 4/22 & 4/20 to procedure with recomplete.** MIT 560 psi for 30 min witness by Thomas Vermersch, OCD. Good test. RIH & set **CBP @ 5600'**. RD wireline. PT csg to 4000 psi. for 30 min. Good test. ND BOP, NU Frac Stack. PT Frac Stack, good test. RDMO

**6/20/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wireline. RIH & Perf **PT Lookout** w/.33" diam.- 1SPF @: 5414', 5434', 5435', 5437', 5441', 5443', 5455', 5457', 5460', 5462', 5464', 5470', 5472', 5477', 5493', 5495', 5497', 5499', 5505', 5507', 5548', 5550', 5556'= **23** holes. POOH. RD wireline. RU Frac crew. PT Lookout (5414' – 5556') Foam Frac w/ 733 bbls of 70 Q slick water, 107,291# 20/40 sand, 1.016M SCF N2. RIH and set **frac plug @ 5350'**. POOH. RIH & perf **Menefee** w/.33" diam.- 6-SPF 120 degree phasing @: 5124', 5134', 5143', 5157', 5199', 5210', 5239', 5313'= **48** holes. POOH. RD wireline. Frac Menefee (5124' – 5313') Foam Frac w/ 639 bbls of 70 Q slick water, 92,437# 20/40 sand, 1.159M SCF N2. RIH and set **frac plug @ 5050'**. POOH. RIH & Perf **Cliffhouse** w/.33" diam.- 1SPF @: 4849', 4852', 4855', 4861', 4863', 4865', 4867', 4888', 4896', 4898', 4901', 4911', 4916', 4920', 4927', 4938', 4939', 4948', 4950', 4957', 4961', 4963', 4970', 4972', 4976'= **25** holes. POOH. RD wireline. Frac Cliffhouse (4849' – 4976'). Foam Frac w/ 691 bbls of 70 Q slick water, 107,152# 20/40 sand, .935M SCF N2. RIH & set **CBP @ 4610'**. TOOH. SIW. SDFN.

**6/21/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 560. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. TIH w/ mill tag CBP. PU. SIW. SDFN.

**6/22/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. D/O **CBP @ 4610'**. Trace sand. RIH & D/O **Frac Plug @ 5050'**. C/O well. RIH & D/O **frac plug @ 5350'**. TOOH. SIW. SDFN.

**6/23/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 700. BDW. C/O well. TIH D/O **CBP 5600'**. C/O well. D/O **CIBP @ 7424'**. C/O well. TOOH. LD tbg. SIW. SDFN.

**6/24/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 600. BDW. C/O well. TIH & land 224 jts 2 3/8", 4.7# J-55 **tbg set @ 7525'** with S-Nipple @ 7524'. 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.**



## Schematic - Current

Well Name: SAN JUAN 28-6 UNIT #213

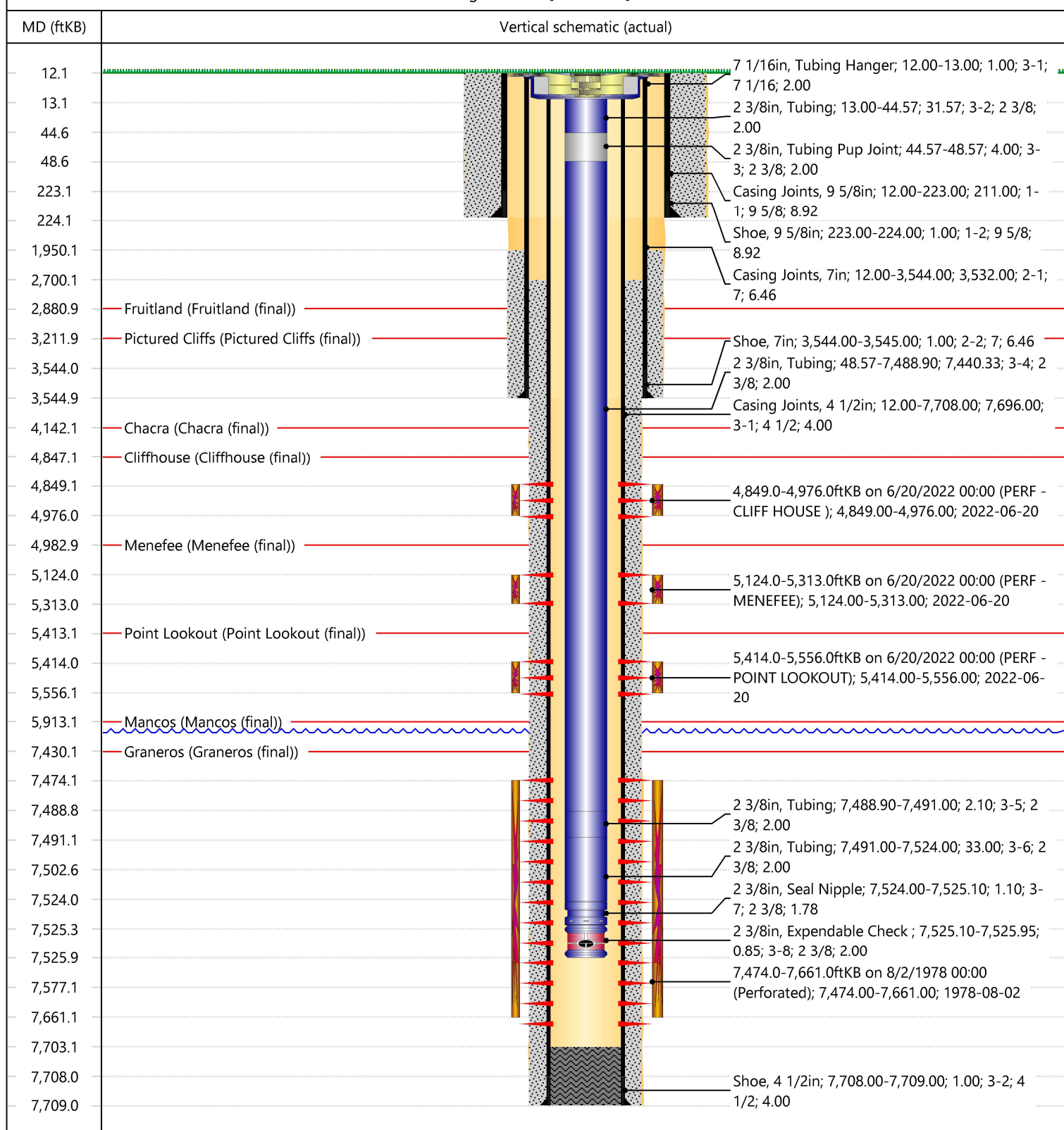
API / UWI 3003920844	Surface Legal Location 031-028N-006W-A	Field Name BASIN DAKOTA (PRORATED G #0068)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original KB/RT Elevation (ft) 6,495.00	KB-Ground Distance (ft) 12.00	Original Spud Date 4/4/1978 00:00	Rig Release Date 1/12/1998 16:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

## Most Recent Job

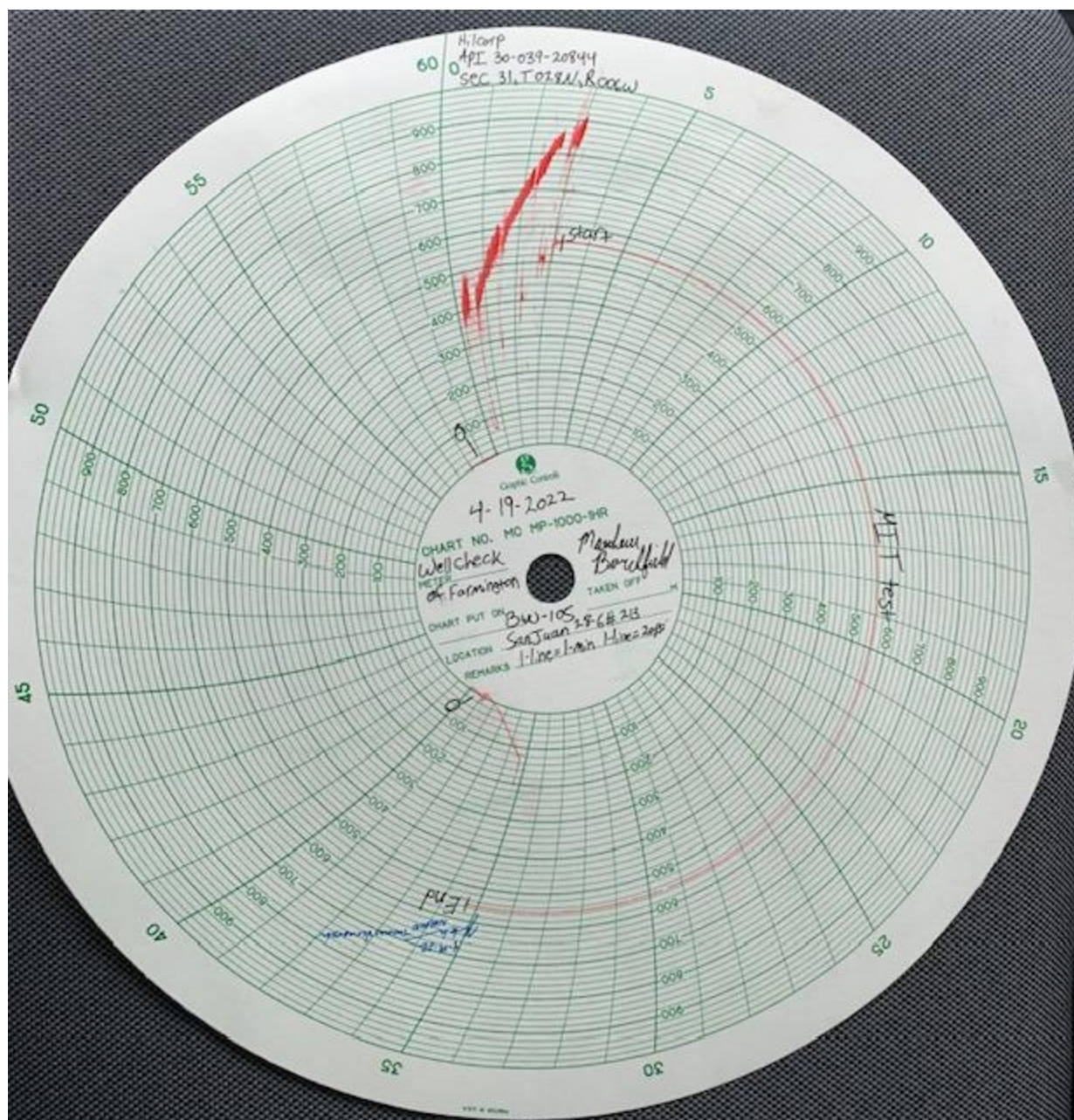
Job Category Capital Workover	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 4/14/2022	End Date 6/24/2022
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TD: 7,709.0

## Original Hole [VERTICAL]







## Kandis Roland

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**From:** blm-afmss-notifications@blm.gov  
**Sent:** Friday, July 15, 2022 4:56 PM  
**To:** Kandis Roland  
**Subject:** [EXTERNAL] Well Name: SAN JUAN 28-6 UNIT, Well Number: 213, 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: **213**
- US Well Number: **3003920844**
- Well Completion Report Id: **WCR2022071585312**

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

**NMSF080430A**

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 213**

3. Address

**382 Rd 3100, Aztec NM 87410**

3a. Phone No. (include area code)

**(505) 333-1700**

9. API Well No.

**30-039-20844**

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

At surface **Unit A (NENE), 1180' FNL & 1000' FEL,**

At top prod. Interval reported below

**Same as above**

At total depth

**Same as above**

14. Date Spudded

**4/4/1978**

15. Date T.D. Reached

**4/17/1978**

16. Date Completed

**6/25/2022**☐ D & A☒ Ready to Prod.

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

**6483'**

18. Total Depth:

**7709'**

19. Plug Back T.D.:

**7703'**

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" H-40</b>	<b>36#</b>	<b>0</b>	<b>224'</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>3545'</b>	<b>n/a</b>	<b>256 cf</b>			
<b>6 1/4"</b>	<b>4 1/2" K-55</b>	<b>11.6 &amp; 10.5#</b>	<b>0</b>	<b>7709'</b>	<b>n/a</b>	<b>643 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>7525'</b>							



25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Point Lookout</b>	<b>5414'</b>	<b>5556'</b>	<b>1 SPF</b>	<b>.33"</b>	<b>23</b>	<b>open</b>
B) <b>Menefee</b>	<b>5124'</b>	<b>5313'</b>	<b>6 SPF</b>	<b>.33"</b>	<b>48</b>	<b>open</b>
C) <b>Cliffhouse</b>	<b>4849'</b>	<b>4976'</b>	<b>1 SPF</b>	<b>.33"</b>	<b>25</b>	<b>open</b>
D) <b>TOTAL</b>					<b>96</b>	



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

Depth Interval	Amount and Type of Material
<b>5414-5556</b>	Foam Frac w/ 733 bbls of 70 Q slick water, 107,291# 20/40 sand, 1.016M SCF N2
<b>5124-5313</b>	Foam Frac w/ 639 bbls of 70 Q slick water, 92,437# 20/40 sand, 1.159M SCF N2
<b>4849-4976</b>	Foam Frac w/ 691 bbls of 70 Q slick water, 107,152# 20/40 sand, .935M 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>6/25/2022</b>	6/25/2022	24		0	441 mcf	2 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	
24/64"	457 psi	350 psi		0	441 mcf/d	2 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		'	White, cr-gr ss	Ojo Alamo	'
Kirtland		2881'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	'
Fruitland	2881'	3212'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2881'
Pictured Cliffs	3212'	3438'			3212'
Lewis	3438'	4160'	Shale w/ siltstone stingers	Lewis	3438'
Chacra	4160'	4846'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4160'
Cliffhouse	4846'	4983'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4846'
Menefee	4983'	5408'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4983'
Point Lookout	5408'	5897'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5408'
Mancos	5897'	6510'	Dark gry carb sh.	Mancos	5897'
Gallup	6510'	7365'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6510'
Greenhorn	7365'	7430'	Highly calc gry sh w/ thin lmst.	Greenhorn	7365'
Graneros	7430'	7577'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7430'
Dakota	7577'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7577'
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 5035-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 126548

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 126548
	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**  
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Phone:(575) 393-6161 Fax:(575) 393-0720  
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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 126548

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 126548
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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