

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

Form C-104  
Revised August 1, 2011

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

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 30-039-23349	<sup>5</sup> Pool Name Otero-Chacra (Gas)	<sup>6</sup> Pool Code 82329
<sup>7</sup> Property Code 318432	<sup>8</sup> Property Name San Juan 28-7 Unit	<sup>9</sup> Well Number 189E

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

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
F	35	28N	7W		1640	North	1850	West	Rio Arriba

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<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				
F	F								

**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	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBTD	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
12/20/1983	4/28/2023	MD 7250'	MD 7239'	3746'-3896'	DHC-5271-0
<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	226'	142 cf		
8 3/4"	7", 20#, K-55	3087'	402 cf		
6 1/4"	4 1/2", 11.6#, K-55	7250'	613 cf		
	2 3/8", 4.7#, J-55	7116'			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
N/A	4/28/2023	4/28/2023	24 hrs	413 psi	320 psi
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
15/64"	0	0 bwpd	5 mcf/d	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: Kandis Roland Title: Operations Regulatory Tech Sr. E-mail Address: kroland@hilcorp.com Date: 5/5/2023	OIL CONSERVATION DIVISION	
	Approved by: Sarah McGrath	
	Title: Petroleum Specialist - A	
	Approval Date: 05/24/2023	
	Phone: (713) 757-5246	

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		<sup>3</sup> Reason for Filing Code/ Effective Date RC
<sup>4</sup> API Number 30-039-23349	<sup>5</sup> Pool Name Blanco-Mesaverde (Prorated Gas)	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 318432	<sup>8</sup> Property Name San Juan 28-7 Unit	<sup>9</sup> Well Number 189E

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

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
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<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				

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248440	Western Refinery	O
151618	Enterprise	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 12/20/1983	<sup>22</sup> Ready Date 4/28/2023	<sup>23</sup> TD MD 7250'	<sup>24</sup> PBTD MD 7239'	<sup>25</sup> Perforations 4442'-5116'	<sup>26</sup> DHC, MC DHC-5271-0
<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	226'	142 cf		
8 3/4"	7", 20#, K-55	3087'	402 cf		
6 1/4"	4 1/2", 11.6#, K-55	7250'	613 cf		
	2 3/8", 4.7#, J-55	7116'			

**V. Well Test Data**

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date 4/28/2023	<sup>33</sup> Test Date 4/28/2023	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 413 psi	<sup>36</sup> Csg. Pressure 320 psi
<sup>37</sup> Choke Size 15/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 0 bwpd	<sup>40</sup> Gas 11 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: <i>Kandis Roland</i> Printed name: Kandis Roland Title: Operations Regulatory Tech Sr. E-mail Address: kroland@hilcorp.com Date: 5/5/2023	OIL CONSERVATION DIVISION				
	Approved by: Sarah McGrath				
	Title: Petroleum Specialist - A				
	Approval Date: 05/24/2023				
	Phone: (713) 757-5246				

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

**Well Name:** SAN JUAN 28-7 UNIT

**Well Location:** T28N / R7W / SEC 35 /  
SEW / 36.620422 / -107.544952

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 189E

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078496

**Unit or CA Name:** SAN JUAN 28-7  
UNIT--DK

**Unit or CA Number:**  
NMNM78413C

**US Well Number:** 3003923349

**Well Status:** Producing Gas Well

**Operator:** HILCORP ENERGY  
COMPANY

### Subsequent Report

**Sundry ID:** 2729362

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 05/05/2023

**Time Sundry Submitted:** 09:17

**Date Operation Actually Began:** 02/16/2023

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

### SR Attachments

**Actual Procedure**

SJ\_28\_7\_Unit\_189E\_RC\_Subsequent\_Sundry\_20230505091725.pdf

Well Name: SAN JUAN 28-7 UNIT

Well Location: T28N / R7W / SEC 35 /  
SEW / 36.620422 / -107.544952

County or Parish/State: RIO  
ARRIBA / NM

Well Number: 189E

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMSF078496

Unit or CA Name: SAN JUAN 28-7  
UNIT--DK

Unit or CA Number:  
NMNM78413C

US Well Number: 3003923349

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: MAY 05, 2023 09:17 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: 05/08/2023

Signature: Kenneth Rennick

San Juan 28-7 Unit 189E  
API # 30-039-23349  
Recomplete Subsequent Sundry

**2/16/23** SIBHP- 0, SIICP-0, SITP- 140, SICP- 140. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. TOO H and scan tbg. TIH w/ mill. SIW. SDFN.

**2/17/23** SIBHP- 0, SIICP-0, SITP- 20, SICP- 100. BWD. TOO H w/ mill. TIH and set **CIBP @ 6972'**. LD tbg. SIW. SDFN.

**2/20/23** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. Load & PT csg. Good Test. LD tbg. ND BOP. NU WH. RDMO.

**3/14/23** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU WL. ND WH, NU lubricator. RIH with USIT/CBL Log. POH logging well. RU wellcheck. Conduct MIT 570 psi for 30 min witness by John Durham, OCD via facetime. Good test. **CBL reviewed by Monica Kuehling, NMOCD & Kenny Rennick. Received verbal approval to proceed with recomplete as outlined in approved NOI.** RIH & set **CBP @ 5140'**. POH. ND Lubricator. NU WH. RDMO WL.

**3/23/23** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. ND WH, NU Frac Stack. PT csg to 4000 psi. Good Test. RDMO.

**4/21/23** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU WL.

RIH & Perf **PT Lookout** w/.35" diam.- Select Fire 3 SPF 120-degree Phasing @: 5008', 5018', 5030', 5042', 5060', 5072', 5088', 5116', '= **24** holes. POOH. RD WL. RU Frac crew. PT Lookout (5008' – 5116') Broke well w/ 12 BBLS 15% HCL. Foam Frac w/ 718 BBLS of 70 Q slick water, 107,234# 20/40 sand, 900,000 SCF N2. RIH and set **dissolvable bridge plug @ 4960'**. PT Plug. Good Test. POOH.

RIH & Perf **Menefee** w/.35" diam.- Select Fire 3 SPF 120-degree Phasing @: 4684', 4727', 4788', 4822', 4837', 4852', 4908', 4916'= **24** holes. POOH. RD WL. RU Frac crew. Menefee (4684' – 4916') Broke well w/ 12 BBLS 15% HCL. Foam Frac w/ 643 BBLS of 70 Q slick water, 92,454# 20/40 sand, 1,125,000 SCF N2. RIH and set **dissolvable bridge plug @ 4610'**. POOH.

RIH & Perf **Cliffhouse** w/.35" diam.- Select Fire 3 SPF 120-degree Phasing @: 4442', 4452', 4469', 4476', 4510', 4527', 4543', 4553'= **24** holes. POOH. RD WL. RU Frac crew. Cliffhouse (4442' – 4553') Broke well w/ 12 BBLS 15% HCL. Foam Frac w/ 691 BBLS of 70 Q slick water, 107,068# 20/40 sand, 817,000 SCF N2. RIH and set **dissolvable bridge plug @ 3950'**. POOH.

RIH & Perf **Chacra** w/.35" diam.- Select Fire 3 SPF 120-degree Phasing @: 3746', 3751', 3756', 3796', 3878', 3884', 3890', 3896', = **24** holes. POOH. RD WL. RU Frac crew. Chacra (3746' – 3896') Broke well w/ 12 BBLS 15% HCL. Foam Frac w/ 658 BBLS of 70 Q slick water, 167,172# 20/40 sand, 612,000 SCF N2. RIH and set **CBP @ 3010'**. POOH. SIW. RD Frac/WL.

**4/23/23** SIBHP- 0, SIICP-0, SITP- 0, SICP- 300. BDW. MIRU. ND Frac Stack, NU BOP. PT BOP. Good Test. TIH w/ mill. Tag plug @ 3010'. SIW. SDFN.

**4/24/23** SIBHP- 0, SIICP-0, SITP- 0, SICP- 250. BDW. D/O **plug @ 3010'** C/O well. **No tag @ 3950'**. SIW. SDFN.

**4/25/23** SIBHP- 0, SIICP-0, SITP- 100, SICP- 1100. BDW. RIH tag fill @ 4240'. C/O well. **No tag @ 4610'**. C/O well. Tag fill @ 4930'. C/O well. D/O **plug @ 4960'**. C/O well. D/O plug @ 5140'. C/O well. D/O **CIBP @ 6972'**. C/O well. SIW. SDFN.

**4/26/23** SIBHP- 0, SIICP-0, SITP- 100, SICP- 560. BDW. TIH tag fill. C/O well. TIH & land 213 jts 2 3/8", 4.7# J-55 **tbg set @ 7116'** with S-Nipple @ 7114'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

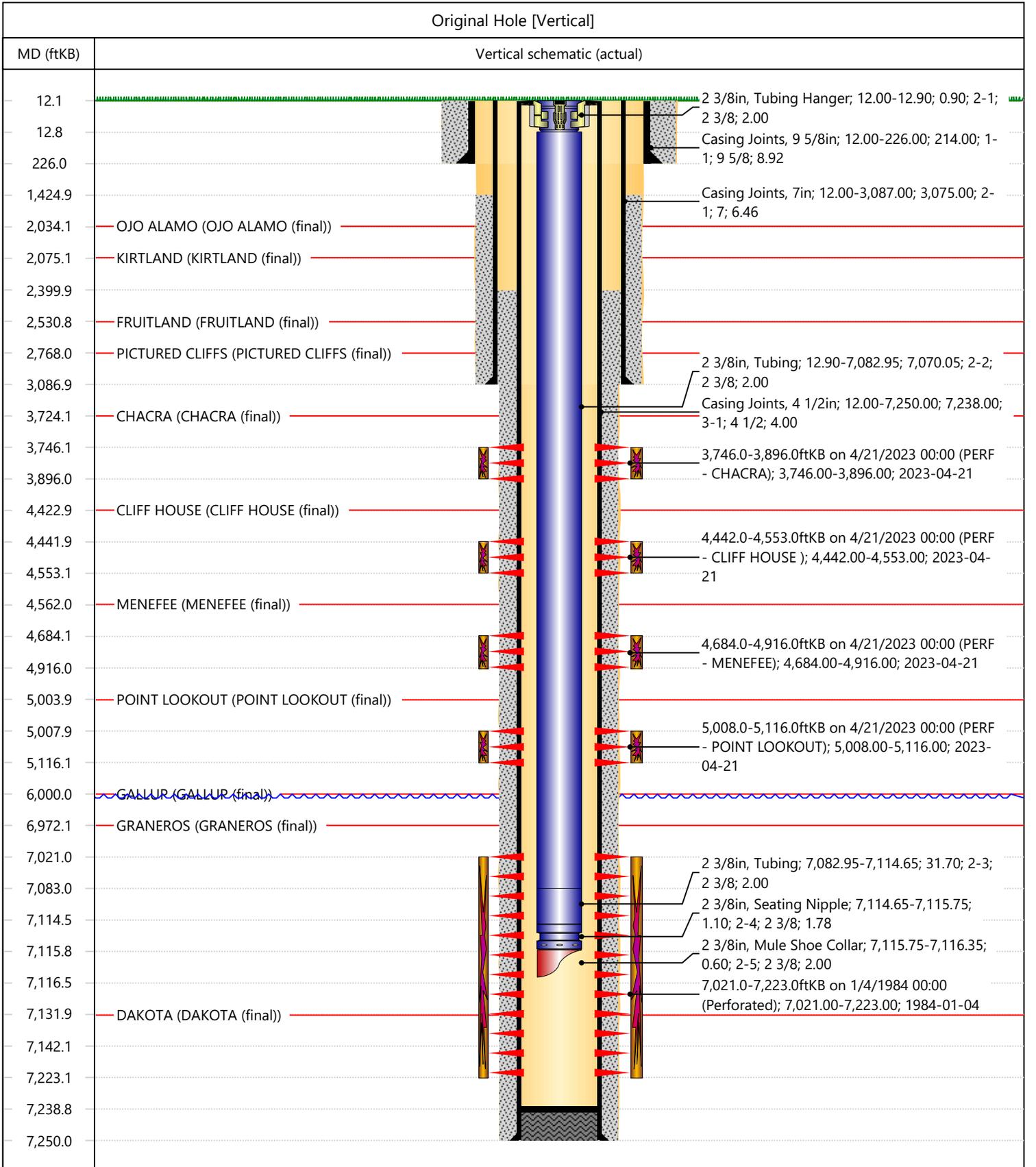
**This well is currently producing as a MV/CH/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.**



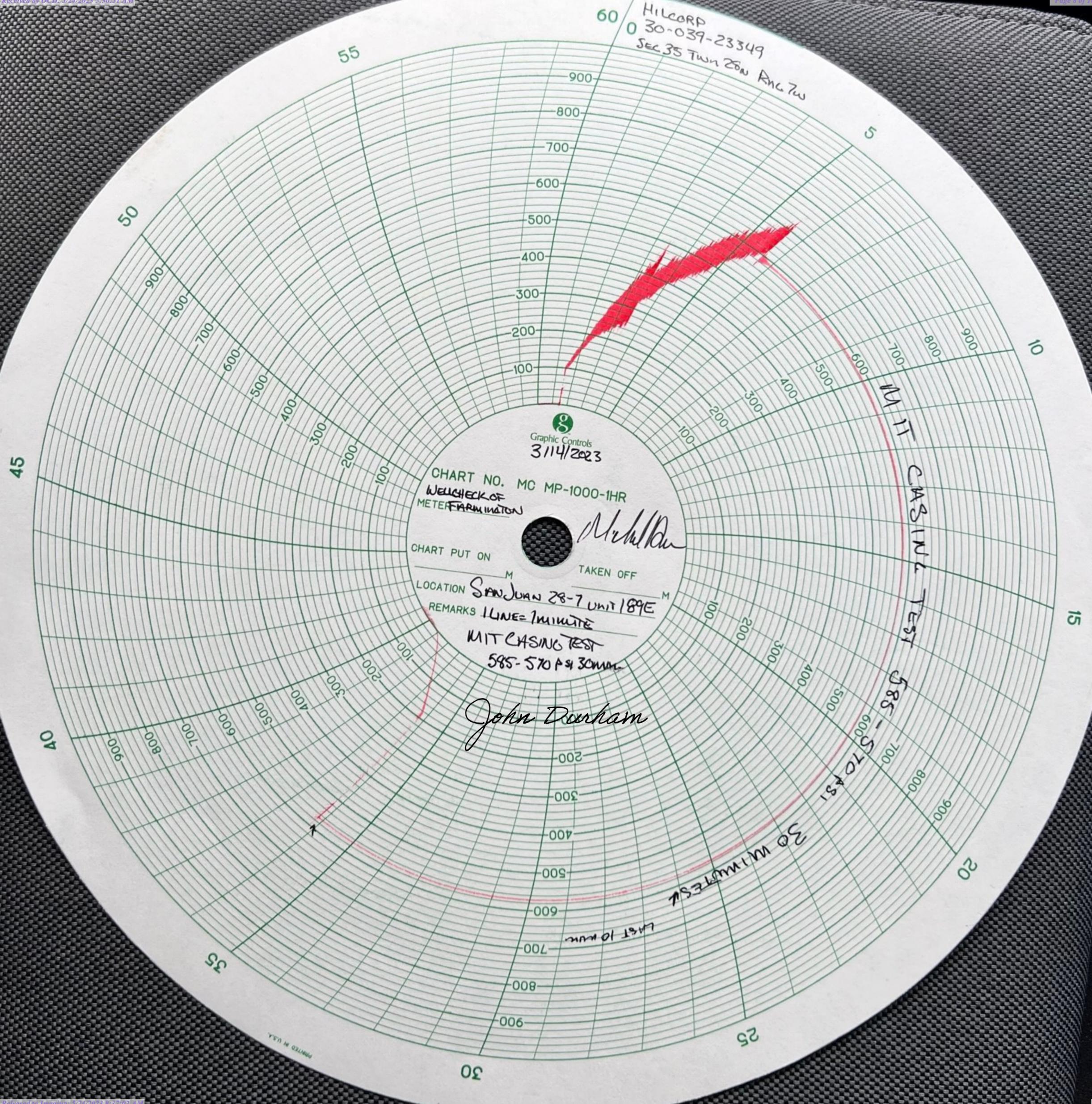
### Current Schematic

Well Name: **SAN JUAN 28-7 UNIT #189E**

API / UWI 3003923349	Surface Legal Location 035-028N-007W-F	Field Name DK	Route 1009	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,119.00	Original KB/RT Elevation (ft) 6,131.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft) 12.00	KB-Tubing Hanger Distance (ft) 12.00	



HILCORP  
30-039-23349  
SEC 35 Twn 20N Rng 7W



Graphic Controls  
3/14/2023

CHART NO. MC MP-1000-1HR  
WELLCHECK OF  
METER FARMINGTON

*Michael Du*

CHART PUT ON M TAKEN OFF

LOCATION SAN JUAN 28-7 UNIT 189E M

REMARKS 1 LINE = 1 MINUTE  
MIT CASING TEST  
585-570 PSI 30 MIN

*John Durham*

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. **NMSF078496**

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 28-7 Unit

2. Name of Operator  
**Hilcorp Energy Company**

8. Lease Name and Well No.  
**San Juan 28-7 Unit 189E**

3. Address **382 Rd 3100, Aztec NM 87410** 3a. Phone No. (include area code) **(505) 333-1700**

9. API Well No. **30-039-23349**

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

10. Field and Pool or Exploratory  
**Otero Chacra**

At surface **Unit F (SENW), 1640' FNL & 1850' FWL,**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 35, T28N, R7W**

At top prod. Interval reported below **Same as above**

12. County or Parish **Rio Arriba** 13. State **New Mexico**

At total depth **Same as above**

14. Date Spudded **12/20/1983** 15. Date T.D. Reached **12/28/1983** 16. Date Completed **4/28/2023**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* **6119'**

18. Total Depth: **7250'** 19. Plug Back T.D.: **7239'** 20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CBL/USIT**

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" K-55	36#	0	226'	n/a	142 cf			
8 3/4"	7" K-55	20#	0	3087'	n/a	402 cf			
6 1/4"	4 1/2" K-55	11.6 #	0	7250'	n/a	613 cf			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7116'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Chacra</b>	<b>3746'</b>	<b>3896'</b>	<b>3 SPF</b>	<b>.35"</b>	<b>24</b>	<b>open</b>
B)						
C)						
D) <b>TOTAL</b>					<b>24</b>	

26. Perforation Record

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

Depth Interval	Amount and Type of Material
<b>3746-3896</b>	<b>Broke well w/ 12 BBLs 15% HCL. Foam Frac w/ 718 BBLs of 70 Q slick water, 107,234# 20/40 sand, 900,000 SCF N2</b>
-	
-	
-	

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>4/28/2023</b>	4/28/2023	24	<b>→</b>	0	5 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	
15/64"	413 psi	320 psi	<b>→</b>	0	5 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
			<b>→</b>						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			<b>→</b>						

\*(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	2034'	2075'	White, cr-gr ss	Ojo Alamo	2034'
Kirtland	2075'	2531'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2075'
Fruitland	2531'	2768'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2531'
Pictured Cliffs	2768'	2834'			2768'
Lewis	2834'	3724'	Shale w/ siltstone stingers	Lewis	2834'
Chacra	3724'	4423'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	3724'
Cliffhouse	4423'	4562'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4423'
Menefee	4562'	5004'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4562'
Point Lookout	5004'	5413'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5004'
Mancos	5413'	6000'	Dark gry carb sh.	Mancos	5413'
Gallup	6000'	6910'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6000'
Greenhorn	6910'	6972'	Highly calc gry sh w/ thin lmst.	Greenhorn	6910'
Graneros	6972'	7132'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6972'
Dakota	7132'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7132'
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/CH/DK trimmingle per DHC 5271. MV PA - NMNM078413A. CH is not in the PA.**

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 5/5/2023

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.

Kandis Roland

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From: blm-afmss-notifications@blm.gov  
Sent: Monday, May 8, 2023 11:01 AM  
To: Kandis Roland  
Subject: [EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 189E, Notification of Well Completion Acceptance

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

The Bureau of Land Management

## Notice of Acceptance for Well Completion Report

§ Operator Name: **HILCORP ENERGY COMPANY**  
§ Well Name: **SAN JUAN 28-7 UNIT**  
§ Well Number: **189E**  
§ US Well Number: **3003923349**  
§ Well Completion Report Id: **WCR2023050888050**

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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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
**NMSF078496**

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 28-7 Unit

2. Name of Operator  
**Hilcorp Energy Company**  
 3. Address  
**382 Rd 3100, Aztec NM 87410**  
 3a. Phone No. (include area code)  
**(505) 333-1700**

8. Lease Name and Well No.  
**San Juan 28-7 Unit 189E**  
 9. API Well No.  
**30-039-23349**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Unit F (SENW), 1640' FNL & 1850' FWL,**  
 At top prod. Interval reported below **Same as above**  
 At total depth **Same as above**

10. Field and Pool or Exploratory  
**Blanco Mesaverde**  
 11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 35, T28N, R7W**  
 12. County or Parish  
**Rio Arriba**  
 13. State  
**New Mexico**

14. Date Spudded  
**12/20/1983**  
 15. Date T.D. Reached  
**12/28/1983**  
 16. Date Completed **4/28/2023**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6119'**  
 18. Total Depth: **7250'**  
 19. Plug Back T.D.: **7239'**  
 20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CBL/USIT**

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" K-55	36#	0	226'	n/a	142 cf			
8 3/4"	7" K-55	20#	0	3087'	n/a	402 cf			
6 1/4"	4 1/2" K-55	11.6 #	0	7250'	n/a	613 cf			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7116'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5008'	5116'	3 SPF	.35"	24	open
B) Menefee	4684'	4916'	3 SPF	.35"	24	open
C) Cliffhouse	4442'	4553'	3 SPF	.35"	24	open
D) TOTAL					48	

26. Perforation Record

Depth Interval	Amount and Type of Material
5008-5116	Broke well w/ 12 BBLs 15% HCL. Foam Frac w/ 718 BBLs of 70 Q slick water, 107,234# 20/40 sand, 900,000 SCF N2
4684-4916	Broke well w/ 12 BBLs 15% HCL. Foam Frac w/ 643 BBLs of 70 Q slick water, 92,454# 20/40 sand, 1,125,000 SCF N2
4442-4553	Broke well w/ 12 BBLs 15% HCL. Foam Frac w/ 691 BBLs of 70 Q slick water, 107,068# 20/40 sand, 817,000 SCF N2.

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

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
4/28/2023	4/28/2023	24	→	0	11 mcf	0 bbls	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
15/64"	413 psi	320 psi	→	0	11 mcf/d	0 bwpd	n/a	Producing	

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	2034'	2075'	White, cr-gr ss	Ojo Alamo	2034'
Kirtland	2075'	2531'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2075'
Fruitland	2531'	2768'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2531'
Pictured Cliffs	2768'	2834'			2768'
Lewis	2834'	3724'	Shale w/ siltstone stingers	Lewis	2834'
Chacra	3724'	4423'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	3724'
Cliffhouse	4423'	4562'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4423'
Menefee	4562'	5004'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4562'
Point Lookout	5004'	5413'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5004'
Mancos	5413'	6000'	Dark gry carb sh.	Mancos	5413'
Gallup	6000'	6910'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6000'
Greenhorn	6910'	6972'	Highly calc gry sh w/ thin lmst.	Greenhorn	6910'
Graneros	6972'	7132'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6972'
Dakota	7132'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7132'
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/CH/DK trimingle per DHC 5271. MV PA - NMNM078413A. CH is not in the PA.**

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 5/5/2023

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.

Kandis Roland

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From: blm-afmss-notifications@blm.gov  
Sent: Monday, May 8, 2023 11:01 AM  
To: Kandis Roland  
Subject: [EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 189E, Notification of Well Completion Acceptance

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

The Bureau of Land Management

## Notice of Acceptance for Well Completion Report

§ Operator Name: **HILCORP ENERGY COMPANY**  
§ Well Name: **SAN JUAN 28-7 UNIT**  
§ Well Number: **189E**  
§ US Well Number: **3003923349**  
§ Well Completion Report Id: **WCR2023050888050**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

**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 219949

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 219949
	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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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

CONDITIONS

Action 219949

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 219949
	Action Type: [C-104] Completion Packet (C-104C)

**CONDITIONS**

Created By	Condition	Condition Date
smcgrath	None	5/24/2023