



Well Name: SAN JUAN 28-7 UNIT	Well Location: T28N / R7W / SEC 11 / NWSE / 36.67322 / -107.538652	County or Parish/State: RIO ARRIBA / NM
Well Number: 247E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079289A	Unit or CA Name: SAN JUAN 28-7 UNIT--DK	Unit or CA Number: NMNM78413C
US Well Number: 3003927015	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2676197

Type of Submission: Subsequent Report	Type of Action: Recompletion
Date Sundry Submitted: 06/10/2022	Time Sundry Submitted: 01:53
Date Operation Actually Began: 04/11/2022	

Actual Procedure: Recompleted into the Mesaverde and commingled with existing Dakota. Please see attached operational reports.

SR Attachments

Actual Procedure

SJ\_28\_7\_Unit\_247E\_Recomplete\_Sundry\_20220610135329.pdf

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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: JUN 10, 2022 01:53 PM

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: 06/13/2022

Signature: Kenneth Rennick

San Juan 28-7 Unit 247E  
API # 30-039-27015  
Recomplete Subsequent Sundry

**4/11/22** SIBHP- 0, SIICP-0, SITP- 103, SICP- 103. MIRU. BDW. ND WH, NU BOP. PT, good test. SIW. SDFN.

**4/12/22** SIBHP- 0, SIICP-0, SITP- 110, SICP- 110. BD well. TOOH and scan tbg. RIH w/ csg scrapper to 7618'. TOOH w/ csg scraper. SIW. SDFN.

**4/13/22** SIBHP- 0, SIICP-0, SITP- 100, SICP- 100. BD well. TIH and set **CIBP @ 7573'**. Circulate hole clean. PT csg, good test. SIW. SDFN.

**4/14/22** SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. MIT 575 psi for 30 min witness by Lenny Moore, OCD. Good test. RIH & set **CBP @ 5750'**. PT csg to 4000 psi. Good test. ND BOP, NU Frac Stack. PT Frac Stack, good test. RDMO

**5/20/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. RU wireline. RIH & Perf **PT Lookout** w/.33" diam.- 1SPF @: 5668', 5666', 5655', 5653', 5636', 5632', 5622', 5620', 5614', 5612', 5610', 5604', 5601', 5591', 5589', 5578', 5576', 5564', 5561', 5557', 5555', 5551', 5534', 5530', 5529'= **25** holes. POOH. RU Frac crew. PT Lookout (5529' – 5668') Foam Frac w/ 90,746 gal of 70 Q slick water, 107,000# 20/40 sand, .98M SCF N2. RIH and set **frac plug @ 5516'**. POOH. RIH & perf **Menefee** w/.33" diam.- 1SPF @: 5502', 5500', 5498', 5496', 5494', 5425', 5387', 5386', 5353', 5323', 5322', 5320', 5318', 5316', 5294', 5288', 5279', 5277', 5275', 5273', 5271', 5222', 5220', 5218', 5216'= **25** holes. POOH. RD wireline. Frac Menefee ('5216 – 5502') Foam Frac w/ 101,877 gal of 70 Q slick water, 92,000# 20/40 sand, 1.19M SCF N2. RIH and set **frac plug @ 5190'**. POOH. RIH & Perf **Cliffhouse** w/.33" diam.- 1SPF @: 4982', 4987', 4989', 4994', 4996', 5002', 5011', 5023', 5025', 5047', 5068', 5076', 5082', 5094', 5096', 5099', 5101', 5108', 5122', 5127', 5129', 5132', 5134', 5142', 5144'= **25** holes. POOH. RD wireline. Frac Cliffhouse (4982' – 5144') Foam Frac w/ 96,838 gal of 70 Q slick water, 102,660# 20/40 sand, .97M SCF N2. RIH & set **CBP @ 3910'**. TOOH. RD Frac crew. SIW. SDFN

**5/21/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. MIRU. SDFN.

**5/22/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. ND Frac Stack, NU BOP. TIH w/ mill tag and D/O **CBP @ 3910'**. C/O. RIH & D/O **frac plug @ 5190'**. C/O well. RIH & D/O **frac plug @ 5516'**. C/O well. TIH D/O **CBP 5750'**. C/O well. SIW.

**5/23/22** SIBHP- 0, SIICP-0, SITP- 0, SICP – 560. BD well. RIH D/O **CIBP @ 7573'**. C/O well. TOOH. LD tbg. TIH w/ BHA. LD tbg. TIH & land 245 jts 2 3/8", 4.7# J-55 **tbg set @ 7784'** with S-Nipple @ 7781'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

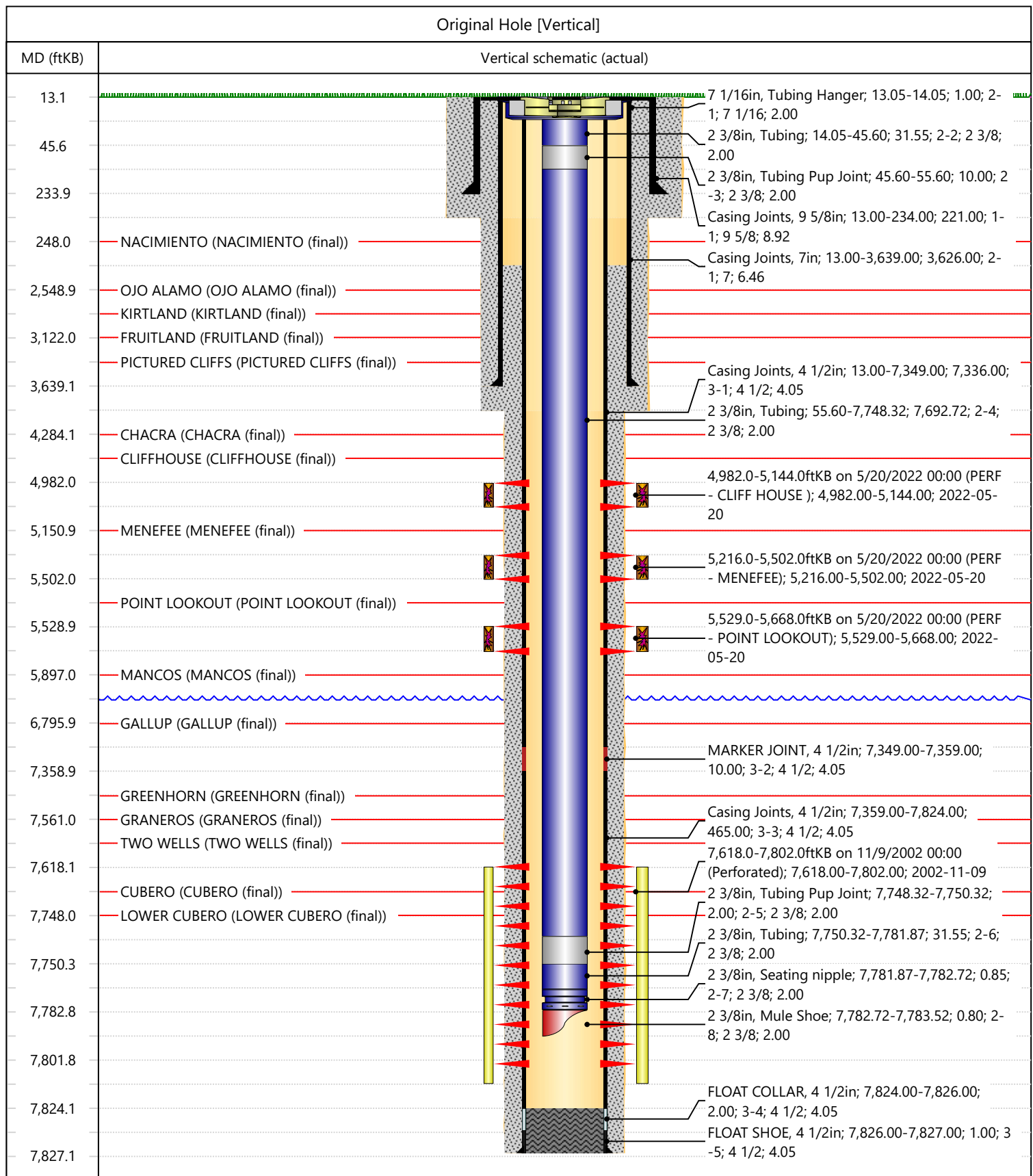
**This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.**



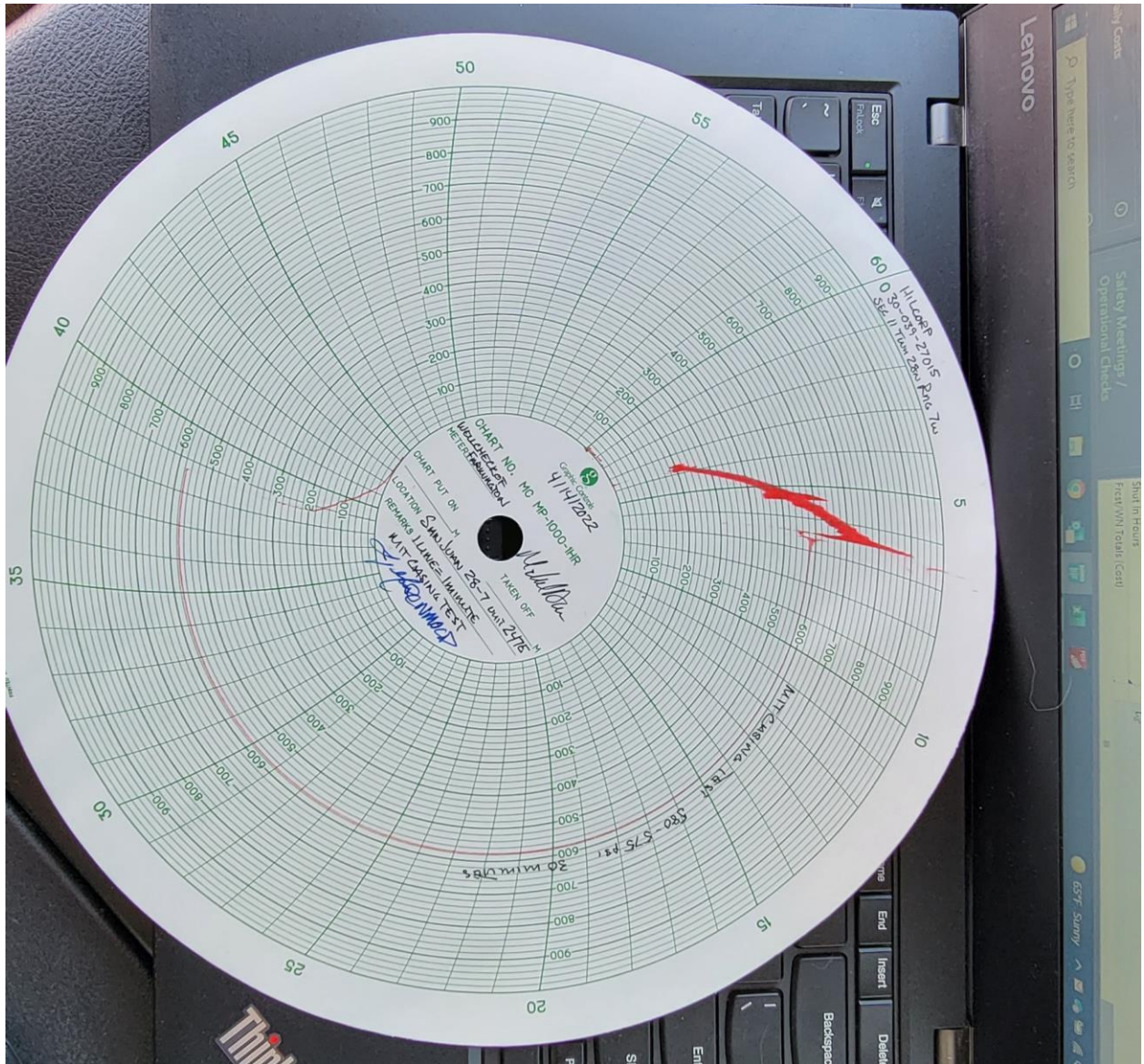
## Current Schematic

Well Name: SAN JUAN 28-7 UNIT #247E

API / UWI 3003927015	Surface Legal Location 011-028N-007W-J	Field Name DK	Route 1007	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,564.00	Original KB/RT Elevation (ft) 6,577.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft) 13.00	KB-Tubing Hanger Distance (ft) 13.00	







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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,  Other: <u>RECOMPLETE</u>						5. Lease Serial No. <b>NMSF079289A</b>			
						6. If Indian, Allottee or Tribe Name			
2. Name of Operator <b>Hilcorp Energy Company</b>						8. Lease Name and Well No. <b>San Juan 28-7 Unit 247E</b>			
3. Address <b>382 Rd 3100, Aztec NM 87410</b>				3a. Phone No. (include area code) <b>(505) 333-1700</b>		9. API Well No. <b>30-039-27015</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>Unit J (NWSE), 1735' FSL &amp; 1400' FEL,</b>  At top prod. Interval reported below <b>Same as above</b>  At total depth <b>Same as above</b>						10. Field and Pool or Exploratory <b>Blanco Mesaverde</b>			
						11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 11, T28N, R7W</b>			
						12. County or Parish <b>Rio Arriba</b>	13. State <b>New Mexico</b>		
14. Date Spudded <b>10/17/2002</b>		15. Date T.D. Reached <b>10/25/2002</b>		16. Date Completed <b>5/25/2022</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <b>6564'</b>			
18. Total Depth: <b>7827'</b>		19. Plug Back T.D.: <b>7824'</b>		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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>12 1/4"</b>	<b>9 5/8" J-55</b>	<b>36#</b>	<b>0</b>	<b>234'</b>	<b>n/a</b>	<b>135 sx</b>		<b>0</b>	
<b>8 3/4"</b>	<b>7" J-55</b>	<b>20#</b>	<b>0</b>	<b>3639'</b>	<b>n/a</b>	<b>525 sx</b>		<b>0</b>	
<b>6 1/4"</b>	<b>4 1/2" J-55</b>	<b>11#</b>	<b>0</b>	<b>7827'</b>	<b>n/a</b>	<b>466 sx</b>		<b>2300</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>7784'</b>								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) <b>Point Lookout</b>		<b>5529'</b>	<b>5668'</b>	<b>1 SPF</b>		<b>.33"</b>	<b>25</b>	<b>open</b>	
B) <b>Menefee</b>		<b>5216'</b>	<b>5502'</b>	<b>1 SPF</b>		<b>.33"</b>	<b>25</b>	<b>open</b>	
C) <b>Cliffhouse</b>		<b>4982'</b>	<b>5144'</b>	<b>1 SPF</b>		<b>.33"</b>	<b>25</b>	<b>open</b>	
D) <b>TOTAL</b>							<b>75</b>		
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
<b>5529'-5668'</b>		Foam Frac w/ 90,746 gal of 70 Q slick water, 107,000# 20/40 sand, .98M SCF N2							
<b>5216'-5502'</b>		Foam Frac w/ 101,877 gal of 70 Q slick water, 92,000# 20/40 sand, 1.19M SCF N2							
<b>4982'-5144'</b>		Foam Frac w/ 96,838 gal of 70 Q slick water, 102,660# 20/40 sand, .97M 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>5/25/2022</b>	<b>5/25/2022</b>	<b>24</b>	<b>→</b>	<b>0</b>	<b>506 mcf</b>	<b>5 bbls</b>	<b>n/a</b>	<b>n/a</b>	<b>Flowing</b>
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
<b>32/64"</b>	<b>200 psi</b>	<b>430 psi</b>	<b>→</b>	<b>0</b>	<b>506 mcf/d</b>	<b>5 bwpd</b>	<b>n/a</b>	<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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			<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	2549'	2637'	White, cr-gr ss	Ojo Alamo	2549'
Kirtland	2637'	3122'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2637'
Fruitland	3122'	3348'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	3122'
Pictured Cliffs	3348'	3403'			3348'
Lewis	3403'	4283'	Shale w/ siltstone stingers	Lewis	3403'
Chacra	4283'	4980'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4283'
Cliffhouse	4980'	5151'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4980'
Menefee	5151'	5523'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5151'
Point Lookout	5523'	5897'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5523'
Mancos	5897'	6796'	Dark gry carb sh.	Mancos	5897'
Gallup	6796'	7501'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6796'
Greenhorn	7501'	7551'	Highly calc gry sh w/ thin lmst.	Greenhorn	7501'
Graneros	7551'	7560'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7551'
Dakota	7560'		Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7560'
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 4988. MV PA - NMNM078413A**

## 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 6/10/2022

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.



My Monitor for WCRID: 84781

<b>Operator Name</b> HILCORP ENERGY COMPANY	<b>Well Name</b> SAN JUAN 28-7 UNIT	<b>Well Number</b> 247E	<b>US Well Number</b> 3003927015
<b>SHL</b> ALIQUOT: NWSE SEC: 11 TWN: 28N RNG: 7W	<b>County</b> RIO ARRIBA	<b>State</b> NM	<b>Lease Number(s)</b> NMSF079289A
<b>Well Type</b> CONVENTIONAL GAS WELL	<b>Well Status</b> PGW	<b>Agreement Name</b> SAN JUAN 28-7 UNIT-DK, SAN JUAN 28-7 UNIT-MV	<b>Agreement Number(s)</b> NMNM78413C, NMNM78413A
<b>Allottee/Tribes</b>	<b>Well Pad Name</b>	<b>Well Pad Number</b>	<b>APD ID</b> 02GXM0058AFE

[Well Completion Print Report](#)

WCRIS Worklist		Process Model					
View all process activities in chronological order:							
ID	Status	Activity	Completed By	Participant	Created Date	Deadline	Completed Date
101	Completed	Submit Well Completion Report	Kandis Roland	Kandis Roland	2022/6/10 2:54:36 PM		2022/6/10 3:02:29 PM
103	Completed	Initial Review	KENNETH G RENNICK	Adjudicator	2022/6/10 3:02:30 PM		2022/6/13 12:10:39 PM
105	Completed	Engineer Review	KENNETH G RENNICK	Engineer	2022/6/13 12:10:42 PM		2022/6/13 12:27:45 PM

**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 116709

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 116709
	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 116709

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 116709
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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