

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

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

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30-039-20049	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)	
⁶ Pool Code 72319		
⁷ Property Code 318920	⁸ Property Name San Juan 27-5 Unit	⁹ Well Number 104

II. ¹⁰ Surface Location

UI or lot no. A	Section 12	Township 27N	Range 5W	Lot Idn	Feet from the 996	North/SouthLine North	Feet from the 1160	East/West line East	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/SouthLine	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Company	O
373888	Harvest Four Corners	G

IV. Well Completion Data

²¹ Spud Date 7/14/1967	²² Ready Date 6/30/22	²³ TD MD 8130'	²⁴ PBTD MD 8108'	²⁵ Perforations 5218'- 6234'	²⁶ DHC, MC DHC-5076
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
15"	10 3/4", 32.75#, H-40	322'	240 sx		
9 7/8"	7 5/8", 26.40#, J-55	3995'	230 sx		
6 3/4"	5 1/2", 17 & 15.5#, J-55	7840'	320 sx		
4 3/4"	4" Liner, 11.6#, J-55	8130' (TOL @ 7768')	100 sx		
	2 3/8", 4.7#, J-55	8029'			

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 6/30/22	³³ Test Date 6/30/22	³⁴ Test Length 24 hr	³⁵ Tbg. Pressure 442 psi	³⁶ Csg. Pressure 520 psi
³⁷ Choke Size 22/64"	³⁸ Oil 0	³⁹ Water 5 bwpd	⁴⁰ Gas 1052 mcf/d		⁴¹ Test Method Flowing

⁴² 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> Printed name: Kandis Roland Title: Operations Regulatory Tech Sr. E-mail Address: kroland@hilcorp.com Date: 7/14/22	Phone: (713) 757-5246	OIL CONSERVATION DIVISION	
		Approved by: John Garcia	
		Title: Petroleum Engineer	
		Approval Date: 7/29/2022	

Well Name: SAN JUAN 27-5 UNIT	Well Location: T27N / R5W / SEC 12 / NENE / 36.59221 / -107.30409	County or Parish/State: RIO ARRIBA / NM
Well Number: 104	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079491	Unit or CA Name: SAN JUAN 27-5 UNIT--DK	Unit or CA Number: NMNM78409A
US Well Number: 3003920049	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2681988

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/14/2022

Date Operation Actually Began: 04/07/2022

Type of Action: Recompletion

Time Sundry Submitted: 09:14

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

SR Attachments

- Actual Procedure
- Current_Schematic_20220714091345.pdf

SJ_27_5_Unit_104_Recomplete_Sundry_20220714091343.pdf

2022_04_18_19_26_20220714091249.pdf

Well Name: SAN JUAN 27-5 UNIT	Well Location: T27N / R5W / SEC 12 / NENE / 36.59221 / -107.30409	County or Parish/State: RIO ARRIBA / NM
Well Number: 104	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079491	Unit or CA Name: SAN JUAN 27-5 UNIT--DK	Unit or CA Number: NMNM78409A
US Well Number: 3003920049	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 14, 2022 09:14 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: 07/19/2022
Signature: Kenneth Rennick	

San Juan 27-5 Unit 104
API # 30-039-20049
Recomplete Subsequent Sundry

4/7/22 SIBHP- 0, SIICP-0, SITP- 160, SICP- 160. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. TOOH and scan tbg. TIH w/ 4.5" scraper to 2800'. SIW. SDFN.

4/8/22 SIBHP- 0, SIICP-0, SITP- 1500, SICP- 150. BWD. TOOH w/ scraper. TIH w/ 5.5" scraper. TOOH w/ scraper. SIW. SDFN

4/11/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 190. BWD. RU wireline. TIH and set CIBP @ 7840'. TOOH. RD wireline. Load csg. Did not catch pressure or circulate. TIH tag **CIBP @ 8094'**. TOOH. SIW. SDFN.

4/12/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 160. BWD. TIH w/ string mill to liner top. TOOH w/ tbg. LD string mill. SIW. SDFN.

4/13/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 38. BWD. TIH w/ string mill. Unload well with air. PU tbg to 7780'. Pump 135 gal of 15% HCL. Flush w/ 30 gal. Pump 30 gal of H2S scavenger. Unload well with air. LD tbg above liner top. SIW. SDFN

4/14/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 50. BWD. TIH and set **CIBP @ 7850'**. POOH. RD wireline. Load csg. PT csg to 560 psi. Good Test. RU wireline. Run CBL from liner top to surface. **Submitted CBL to Monica Kuehling/OCD and Kenny Rennick/BLM. Received verbal approval on 4/18/22 to proceed with recomplete.** SIW. SDFN.

4/18/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 50. BDW. MIT 560 psi for 30 min witness by Lenny Moore, OCD. Good test. TOOH w/ tbg. RIH & set **CBP @ 6400'**. RD wireline. PT csg to 2300 psi. Good test. SIW. SDFN.

4/19/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. ND BOP, NU WH. PT, good test. RDMO

6/22/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wireline. RIH & Perf **PT Lookout/Lower Menefee** w/.33" diam.- 1SPF @: 5715', 5725', 5742', 5754', 5777', 5808', 5830', 5843', 5866', 5892', 5908', 5926', 5940', 5951', 5957', 5972', 5981', 5991', 6017', 6033', 6063', 6086', 6101', 6155', 6221', 6234'= **26** holes. POOH. RD wireline. RU Frac crew. PT Lookout/Lower Menefee (5715' – 6234') Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 48,760 gal of 70 Q slick water, 150,056# 20/40 sand, 1.68M SCF N2. RIH and set **frac plug @ 5698'**. POOH. SIW. SDFN.

6/23/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RIH & perf **Cliffhouse/Upper Menefee** w/.33" diam.- 1-SPF @: 5218', 5281', 5289', 5306', 5389', 5463', 5467', 5481', 5487', 5497', 5507', 5515', 5527', 5547', 5579', 5603', 5632', 5655', 5681'= **19** holes. POOH. RD wireline. Frac Cliffhouse/Upper Menefee (5218' – 5681') Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 47,040 gal of 70 Q slick water, 150,221# 20/40 sand, 1.56M SCF N2. RIH & set **CBP @ 5018'**. TOOH. SIW. SDFN.

6/24/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 600. MIRU. ND WH, NU BOP. PT BOP, good test. TIH w/ mill D/O **CBP @ 5018'**. C/O well. LD tbg. SIW. SDFN.

6/25/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 820. BWD. TIH tag fill. C/O well. RIH & D/O **Frac Plug @ 5698'**. C/O well. RIH & D/O **CBP 6400'**. TOOH. SIW. SDFN.

6/26/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 700. BDW. C/O well. D/O **CIBP @ 7850'**. C/O well. D/O **CIBP @ 8094'**. C/O well. TOOH. RIH w/ tbg to 3000'. SIW. SDFN.

6/28/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 650. BDW. TIH tag fill. C/O well. TIH & land 248 jts 2 3/8", 4.7# J-55 **tbg set @ 8029'** with S-Nipple @ 8028'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

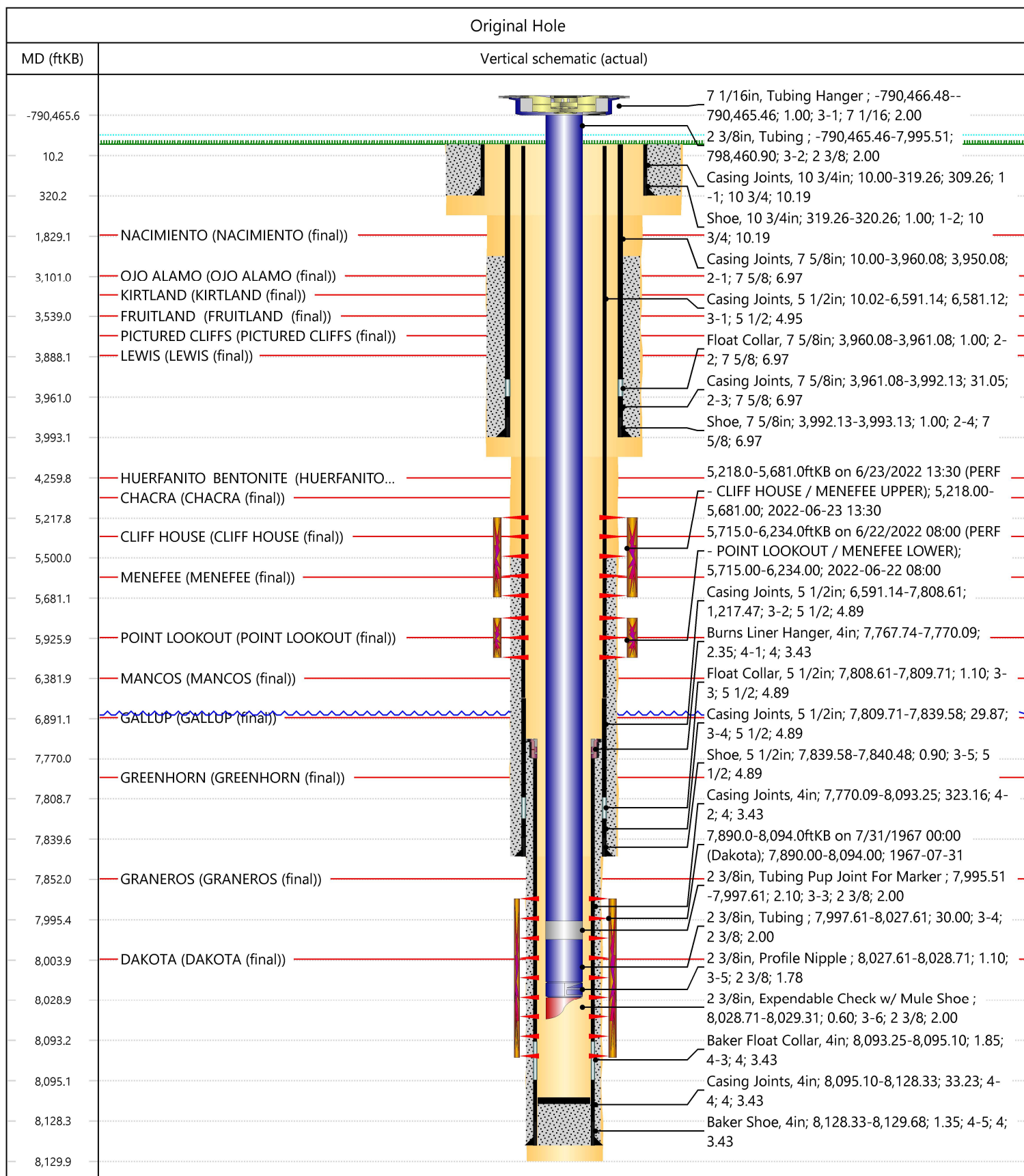
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.

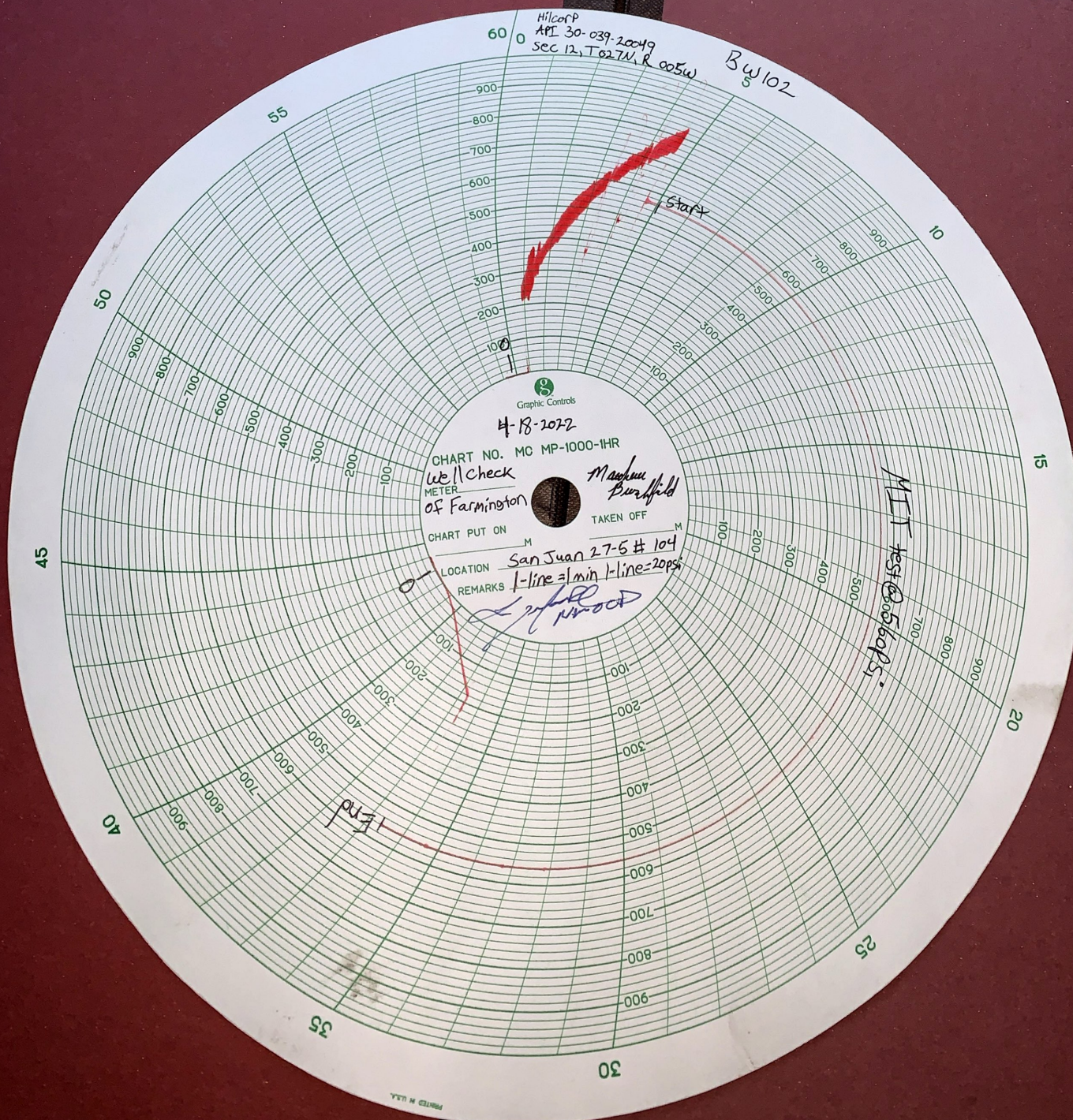


Current Schematic

Well Name: SAN JUAN 27-5 UNIT #104

API / UWI 3003920049	Surface Legal Location 012-027N-005W-A	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1400	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,838.00	Original KB/RT Elevation (ft) 6,848.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	





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.

NMSF079491

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 27-5 Unit

2. Name of Operator

Hilcorp Energy Company

8. Lease Name and Well No.

San Juan 27-5 Unit 104

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

9. API Well No.

30-039-20049

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

At surface Unit A (NENE), 996' FNL & 1160' FEL,

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

7/14/1967

15. Date T.D. Reached

7/28/1967

16. Date Completed

6/30/2022☐ D & A☒ Ready to Prod.

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

6838'

18. Total Depth:

8130'

19. Plug Back T.D.:

8108'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & 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
15"	10 3/4" H-40	32.75#	0	322'	n/a	240 sx			
9 7/8"	7 5/8" J-55	26.40#	0	3995'	n/a	230 sx			
6 3/4"	5 1/2" J-55	17 & 15.5#	0	7840'	n/a	320 sx			
4 3/4"	4" J-55 Liner	11.6#	7768'	8130'	n/a	100 sx			

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"	8029'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout/Lower Menefee	5715'	6234'	1 SPF	.33"	26	open
B) Cliffhouse /Upper Menefee	5218'	5681'	1 SPF	.33"	19	open
C)						
D) TOTAL					45	

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

Depth Interval	Amount and Type of Material
5715-6234	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 48,760 gal of 70 Q slick water, 150,056# 20/40 sand, 1.68M SCF N2.
5218-5681	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 47,040 gal of 70 Q slick water, 150,221# 20/40 sand, 1.56M 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
6/30/2022	6/30/2022	24		0	1052 mcf	5 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	
22/64"	442 psi	520 psi		0	1052 mcf/d	5 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	3101'	3261'	White, cr-gr ss	Ojo Alamo	3101'
Kirtland	3261'	3539'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3261'
Fruitland	3539'	3708'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	3539'
Pictured Cliffs	3708'	3888'			3708'
Lewis	3888'	4559'	Shale w/ siltstone stingers	Lewis	3888'
Chacra	4559'	5445'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4559'
Cliffhouse	5445'	5521'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5445'
Menefee	5521'	5891'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5521'
Point Lookout	5891'	5381'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5891'
Mancos	5381'	6891'	Dark gry carb sh.	Mancos	5381'
Gallup	6891'	7793'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6891'
Greenhorn	7793'	7852'	Highly calc gry sh w/ thin lmst.	Greenhorn	7793'
Graneros	7852'	8004'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7852'
Dakota	8004'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8004'
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 5076. MV PA - NMNM078409B

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 7/14/2022

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.

Kandis Roland

From: blm-afmss-notifications@blm.gov
Sent: Tuesday, July 19, 2022 5:40 PM
To: Kandis Roland
Subject: [EXTERNAL] Well Name: SAN JUAN 27-5 UNIT, Well Number: 104, 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 27-5 UNIT**
- Well Number: **104**
- US Well Number: **3003920049**
- Well Completion Report Id: **WCR2022071985346**

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 127386

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 127386
	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
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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 127386

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 127386
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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