

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

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ 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 30-039-23847	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)	
		⁶ Pool Code 72319
⁷ Property Code 318708	⁸ Property Name San Juan 28-5 Unit	
		⁹ Well Number 34E

II. ¹⁰ Surface Location

UI or lot no. O	Section 18	Township 28N	Range 5W	Lot Idn	Feet from the 790	North/South Line South	Feet from the 1850	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/South Line	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 Refinery	O
151618	Enterprise	G

IV. Well Completion Data

²¹ Spud Date 9/10/1985	²² Ready Date 5/9/2023	²³ TD MD 7939'	²⁴ PBTD MD 7927'	²⁵ Perforations 5144'-5781'	²⁶ DHC, MC DHC-5287
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
12 1/4"		9 5/8", 32.3#, H-40		226'	
8 3/4"		7", 20#, K-55		3826'	
6 1/4"		4 1/2", 11.6#, K-55		7939'	
		2 3/8", 4.7#, J-55		7869'	

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 5/9/2023	³³ Test Date 5/9/2023	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 300 psi	³⁶ Csg. Pressure 415 psi
³⁷ Choke Size 26/64"	³⁸ Oil 0	³⁹ Water 12 bwpd	⁴⁰ Gas 103 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: Kandis Roland		OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>	
Printed name: Kandis Roland		Title: <i>PETROLEUM SPECIALIST</i>	
Title: Operations Regulatory Tech Sr.		Approval Date: <i>5/24/2023</i>	
E-mail Address: kroland@hilcorp.com			
Date: 5/16/2023	Phone: (713) 757-5246		

Well Name: SAN JUAN 28-5 UNIT	Well Location: T28N / R5W / SEC 18 / SWSE / 36.656097 / -107.397217	County or Parish/State: RIO ARRIBA / NM
Well Number: 34E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080516A	Unit or CA Name: SAN JUAN 28-5 UNIT--DK	Unit or CA Number: NMNM78411B
US Well Number: 3003923847	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2731219

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/16/2023

Date Operation Actually Began: 03/24/2023

Type of Action: Recompletion

Time Sundry Submitted: 10:59

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

SR Attachments

Actual Procedure

SJ_28_5_Unit_34E_RC_Subsequent_Sundry_20230516105917.pdf

Well Name: SAN JUAN 28-5 UNIT	Well Location: T28N / R5W / SEC 18 / SWSE / 36.656097 / -107.397217	County or Parish/State: RIO ARRIBA / NM
Well Number: 34E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080516A	Unit or CA Name: SAN JUAN 28-5 UNIT--DK	Unit or CA Number: NMNM78411B
US Well Number: 3003923847	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 16, 2023 10:59 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 05/18/2023

Signature: Matthew Kade

San Juan 28-5 Unit 34E
API # 30-039-23847
Recomplete Subsequent Sundry

3/24/23 SIBHP- 0, SIICP-0, SITP- 85, SICP- 85. MIRU. SDFN.

3/25/23 SIBHP- 0, SIICP-0, SITP- 200, SICP- 200. BWD. ND WH, NU BOP. PT BOP, good test. TOO H w/ tbg. SIW. SDFN.

3/26/23 SIBHP- 0, SIICP-25, SITP- 0, SICP- 200. BWD. TIH w/ mill to 7674'. TOO H w/ mill. SIW. SDFN.

3/27/23 SIBHP- 0, SIICP-0, SITP- 240, SICP- 2600. BWD. TIH and set **CIBP @ 7625'**. LD tbg. Load & PT csg to 660psi. Good Test. LD tbg. SIW. SDFN.

3/28/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wellcheck. Conduct MIT 610 psi for 30 min witness by Clarence Smith, OCD. Good test. RU WL. RIH run CBL from CIBP to surface. RIH & set **CBP @ 5890'**. POOH. RD WL. PT csg to 4000 psi. Good Test. SIW. SDFN. **CBL reviewed by Monica Kuehling, NMOCD & Kenny Rennick.**
Received verbal approval to move forward with recomplete as NOI'd.

3/29/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RDMO.

4/12/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. ND WH. NU Frac Stack. PT to 4000 psi. Good test. SDFN.

5/2/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU WL. RIH & perf **PT Lookout/Lwr Menefee** w/ .33" diam. 1 SFP @ 5454', 5479', 5495', 5500', 5514', 5522', 5539', 5563', 5604', 5613', 5639', 5643', 5661', 5678', 5683', 5698', 5719', 5726', 5733', 5747', 5769', 5781'= **22** holes.

RU Frac crew. PT Lookout/Lwr Menefee (5454' – 5781') Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 45,696 gal of 70 Q slick water, 125,299# 20/40 sand, 1.59M SCF N2. SIW. SDFN.

5/3/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RIH & set **frac plug @ 5430'**. RIH & Perf **Cliffhouse/Upper Menefee** w/.33" diam.- 1 SPF @: 5144', 5155', 5177', 5206', 5231', 5236', 5244', 5262', 5271', 5276', 5282', 5291', 5298', 5308', 5316', 5334', 5355', 5373', 5402', 5414'= **20** holes. POOH. RD WL.

RU Frac crew. Cliffhouse/Upper Menefee (5144' – 5414') Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 50,190 gal of 70 Q slick water, 125,162# 20/40 sand, 1.67M SCF N2. RD Frac. RIH & set **CBP @ 4950'**. SIW. SDFN.

5/4/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. MIRU. ND Frac Stack, NU BOP. PT BOP. Good Test. TIH w/ mill. SIW. SDFN.

5/5/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 100. BWD. D/O **CBP @ 4950'**. C/O well. D/O **CBP @ 5430'**. C/O well. D/O **CBP @ 5890'**. C/O. SIW. SDFN.

5/6/23 SIBHP- 0, SIICP-0, SITP- 0, SICP-600. BWD. C/O well. D/O **CIBP @ 7625'**. C/O well. SIW. SDFN.

5/7/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 550. BWD. C/O well. SIW. SDFN.

5/8/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 600. BWD. TOO H. TIH & land 252 jts 2 3/8", 4.7# J-55 **tbg set @ 7869'** with S-Nipple @ 7867'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

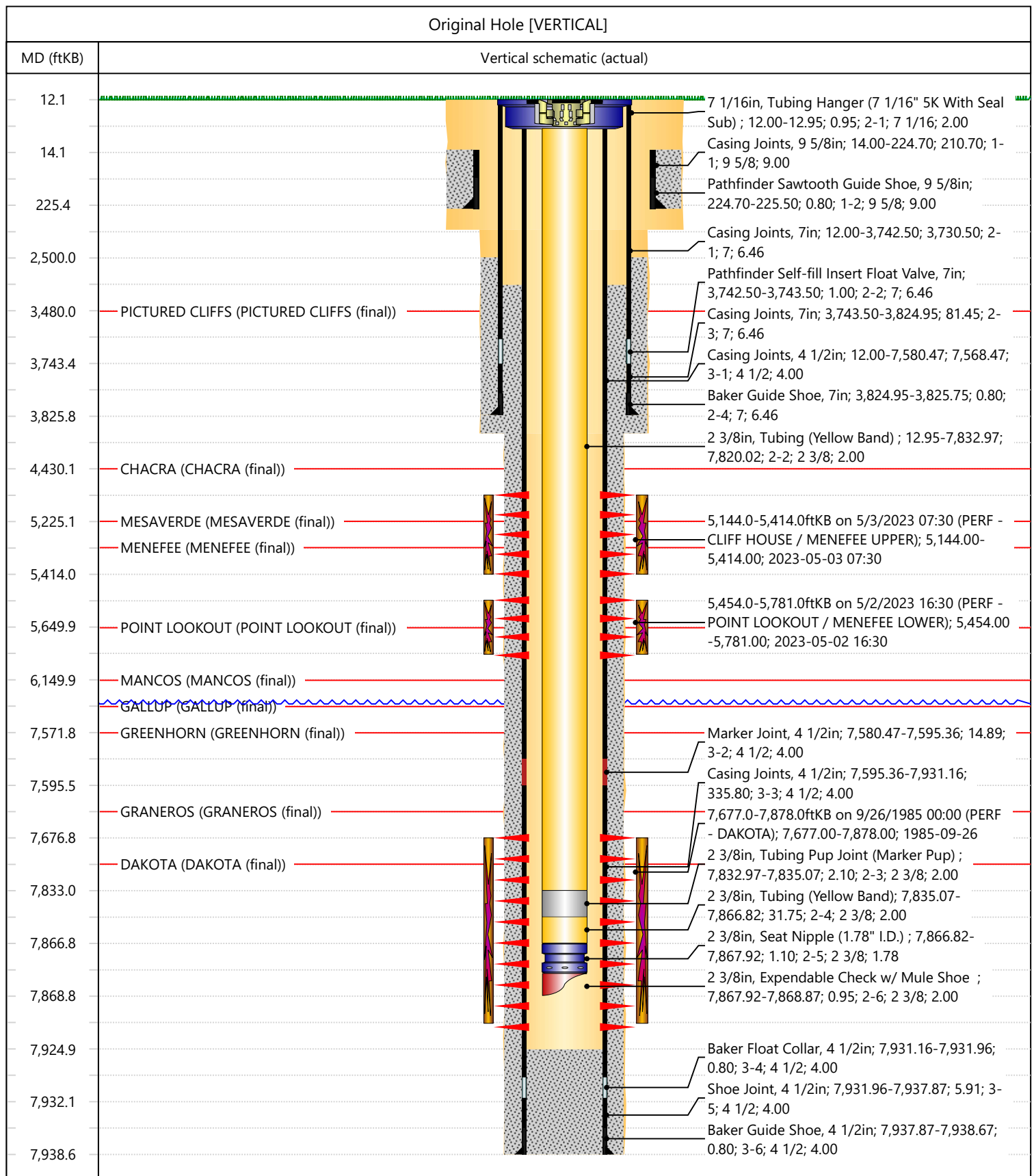
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.

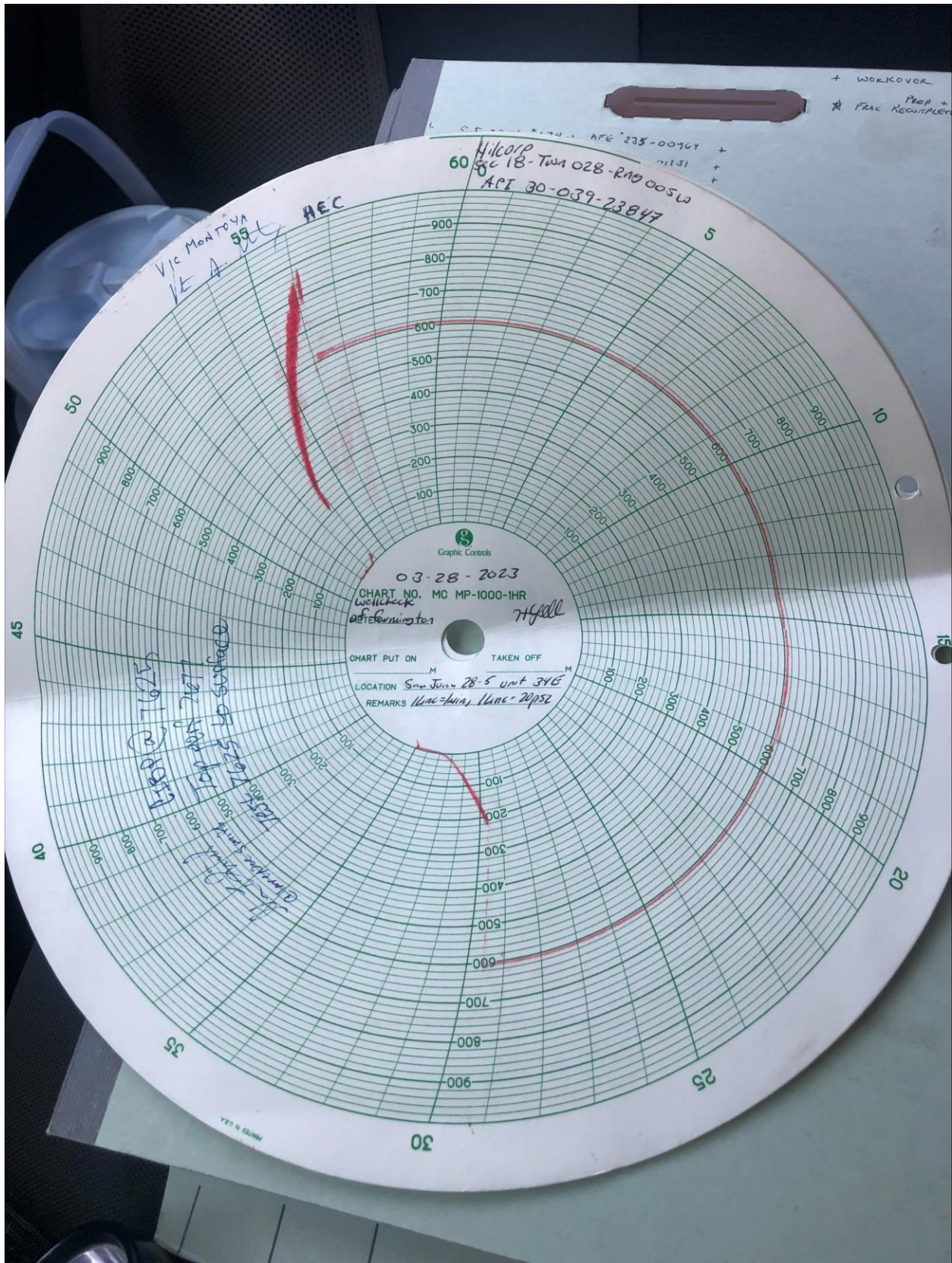


Current Schematic

Well Name: SAN JUAN 28-5 UNIT #34E

API / UWI 3003923847	Surface Legal Location 018-028N-005W-O	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1304	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,604.00	Original KB/RT Elevation (ft) 6,616.00	KB-Ground Distance (ft) 12.00	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.

NMSF080516A

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 28-5 Unit

2. Name of Operator

Hilcorp Energy Company

8. Lease Name and Well No.

San Juan 28-5 Unit 34E

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

9. API Well No.

30-039-23847

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

At surface Unit O (SWSE), 790' FSL & 1850' FEL,

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

9/10/1985

15. Date T.D. Reached

9/18/1985

16. Date Completed

5/9/2023☐ D & A☒ Ready to Prod.

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

6604'

18. Total Depth:

7939'

19. Plug Back T.D.:

7927'

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
12 1/4"	9 5/8" H-40	32.3#	0	226'	n/a	136 cf			
8 3/4"	7" K-55	20#	0	3826'	n/a	340 cf			
6 1/4"	4 1/2" K-55	11.6#	0	7939'	n/a	639 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"	7869'							

25. Producing Intervals



Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout/Lower Menefee	5454'	5781'	1 SPF	.33"	22	open
B) Cliffhouse/Upper Menefee	5144'	5414'	1 SPF	.33"	20	open
C)						
D) TOTAL					42	

26. Perforation Record



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

Depth Interval	Amount and Type of Material
5454-5781	Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 45,696 gal of 70 Q slick water, 125,299# 20/40 sand, 1.59M SCF N2
5144-5414	Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 50,190 gal of 70 Q slick water, 125,162# 20/40 sand, 1.67M 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
5/9/2023	5/9/2023	24		0	103 mcf	12 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	
26/64"	300 psi	415 psi		0	103 mcf/d	12 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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
									

*(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	2704'	2944'	White, cr-gr ss	Ojo Alamo	2704'
Kirtland	2944'	3253'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2944'
Fruitland	3253'	3480'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3253'
Pictured Cliffs	3480'	4167'			3480'
Lewis	4167'	4430'	Shale w/ siltstone stingers	Lewis	4167'
Chacra	4430'	5225'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4430'
Cliffhouse	5225'	5300'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5225'
Menefee	5300'	5650'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5300'
Point Lookout	5650'	6150'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5650'
Mancos	6150'	6675'	Dark gry carb sh.	Mancos	6150'
Gallup	6675'	7572'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6675'
Greenhorn	7572'	7622'	Highly calc gry sh w/ thin lmst.	Greenhorn	7572'
Graneros	7622'	7754'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7622'
Dakota	7754'		Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7754'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/DK Commingle per DHC 5287. MV PA - NMNM078411A.

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 5/16/2023

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.

Mandi Walker

From: Kandis Roland
Sent: Monday, May 22, 2023 7:32 AM
To: Mandi Walker
Subject: FW: [EXTERNAL] Well Name: SAN JUAN 28-5 UNIT, Well Number: 34E, Notification of Well Completion Acceptance

From: blm-afmss-notifications@blm.gov <blm-afmss-notifications@blm.gov>
Sent: Thursday, May 18, 2023 11:46 AM
To: Kandis Roland <kroland@hilcorp.com>
Subject: [EXTERNAL] Well Name: SAN JUAN 28-5 UNIT, Well Number: 34E, 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 28-5 UNIT**
§ Well Number: **34E**
§ US Well Number: **3003923847**
§ Well Completion Report Id: **WCR2023051888115**

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 218982

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 218982
	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
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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 218982

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 218982
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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