

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 30-039-23813	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 54E

II. ¹⁰ Surface Location

UI or lot no. C	Section 20	Township 28N	Range 5W	Lot Idn	Feet from the 1190	North/SouthLine North	Feet from the 1495	East/West line West	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
151618	Enterprise Field Services	G

IV. Well Completion Data

²¹ Spud Date 9/1/1985	²² Ready Date 7/4/2022	²³ TD MD 7961'	²⁴ PBTD MD 7954'	²⁵ Perforations 5055'- 5782'	²⁶ DHC, MC DHC-5215
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8", 32.3#, H-40	225'	148 cf		
8 3/4"	7", 20#, K-55	3856'	325 cf		
6 1/4"	4 1/2", 11.6#, N-80	7961'	639 cf		
	2 3/8", 4.7#, J-55	7829'			

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 7/4/22	³³ Test Date 7/4/22	³⁴ Test Length 24hr	³⁵ Tbg. Pressure 400 psi	³⁶ Csg. Pressure 560 psi
³⁷ Choke Size 22/64"	³⁸ Oil 0	³⁹ Water 14 bwpd	⁴⁰ Gas 758 mcfd		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>		OIL CONSERVATION DIVISION Approved by: John Garcia	
Printed name: Kandis Roland		Title:	
Title: Operations Regulatory Tech Sr.		Approval Date: 9/16/2022	
E-mail Address: kroland@hilcorp.com			
Date: 8/15/2022	Phone: (713) 757-5246		

Well Name: SAN JUAN 28-5	Well Location: T28N / R5W / SEC 20 / NENW / 36.65068 / -107.38582	County or Parish/State: RIO ARRIBA / NM
Well Number: 54E	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: 3003923813	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2687026

Type of Submission: Subsequent Report

Date Sundry Submitted: 08/15/2022

Date Operation Actually Began: 06/10/2022

Type of Action: Recompletion

Time Sundry Submitted: 07:09

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

SR Attachments

Actual Procedure

- 2022_06_14_11_12_20220815070828.pdf
- SJ_28_5_54e_20220815070625.pdf
- SJ_28_5_Unit_54E_Recomplete_Sundry_20220815070540.pdf
- Current_Schematic_20220815070542.pdf

Well Name: SAN JUAN 28-5	Well Location: T28N / R5W / SEC 20 / NENW / 36.65068 / -107.38582	County or Parish/State: RIO ARRIBA / NM
Well Number: 54E	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: 3003923813	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: AUG 15, 2022 07:09 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: 08/19/2022
Signature: Kenneth Rennick	

San Juan 28-5 Unit 54E
API # 30-039-23813
Recomplete Subsequent Sundry

6/10/22 SIBHP- 0, SIICP-0, SITP- 60, SICP- 60. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. TOOH and scan tbgs. TIH w/ mill & 17 Stands. SIW. SDFN.

6/13/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 60. BWD. TOOH w/ mill. TIH and set **CIBP @ 6862'**. PT csg to 580 psi. Good Test. LD tbgs. SIW. SDFN

6/14/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU WL and run CBL from 6862' to surface. **CBL sent to Monica Kuehling, NMOCD & Kenny Rennick, BLM. Received verbal approval to proceed with recomplete on 7/16/2022 with perf's changed to 5040' – 5799' due to cement.** MIT 570 psi for 30 min witness by John Durham, OCD. Good test. TOOH w/ tbgs. RIH & set **CBP @ 5870'**. POOH & RD WL. PT csg to 2500 psi. Good test. SIW. SDFN.

6/15/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. ND BOP, NU WH. PT, good test. RDMO

6/30/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wireline. RIH & Perf **PT Lookout/Lower Menefee** w/.33" diam.- 1SPF @: 5477', 5487', 5515', 5526', 5559', 5573', 5597', 5605', 5659', 5662', 5670', 5675', 5679', 5690', 5698', 5704', 5730', 5744', 5756', 5775', 5782'= **21** holes. POOH. RD wireline. RU Frac crew. PT Lookout/Lower Menefee (5477' – 5782') Broke well w/ H₂O & 500 gal 15% HCL. Foam Frac w/ 46,326 gal of 70 Q slick water, 149,846# 20/40 sand, 1.73M SCF N₂. RIH and set **frac plug @ 5447'**. POOH. RIH & perf **Cliffhouse/Upper Menefee** w/.33" diam.- 1-SPF @: 5055', 5069', 5089', 5131', 5139', 5169', 5181', 5198', 5223', 5245', 5259', 5268', 5290', 5294', 5301', 5303', 5318', 5337', 5353', 5378', 5401', 5408', 5418'= **23** holes. POOH. RD wireline. Frac Cliffhouse/Upper Menefee (5055' – 5418') Broke well w/ H₂O & 500 gal 15% HCL. Foam Frac w/ 42,126 gal of 70 Q slick water, 150,011# 20/40 sand, 1.42M SCF N₂. RIH & set **CBP @ 4885'**. TOOH. SIW. SDFN.

7/1/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. MIRU. ND WH, NU BOP. PT BOP, good test. TIH w/ mill & D/O **CBP @ 4885'**. TOOH. C/O well. RIH & D/O **Frac Plug @ 5447'**. TOOH. SIW. SDFN.

7/2/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 800. BWD. C/O well. TIH D/O **CBP 5870'**. TOOH. C/O well. SIW. SDFN.

7/3/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 650. BWD. TIH & land 156 jts 2 3/8", 4.7# J-55 **tbgs set @ 5049'** with S-Nipple @ 5048'. ND BOP. NU WH. PT tbgs to 500 psi. Test Good. RDMO.

This well is producing as a MV Standalone with Gas Allowable C-104. Waiting for DHC approval before drilling out final CIBP and commingle the well with GL/DK.

7/11/22 – C-107A Approved, DHC-5215.

8/10/22 MIRU. SIBHP- 0, SIICP-50, SITP- 74, SICP – 115. BWD. ND WH, NU BOP. PT BOP, good test. TOOH w/ tbgs. TIH w/ mill. SIW. SDFN.

8/11/22 SIBHP- 0, SIICP-50, SITP- 0, SICP – 230. BWD. D/O **CIBP @ 6862'**. C/O well. SIW. SDFN.

8/12/22 SIBHP- 0, SIICP-50, SITP- 0, SICP – 290. TOOH w/ mill. TIH & land 249 jts 2 3/8", 4.7# J-55 **tbgs set @ 7829'** with S-Nipple @ 7827'. ND BOP. NU WH. PT tbgs to 500 psi. Test Good. RDMO.

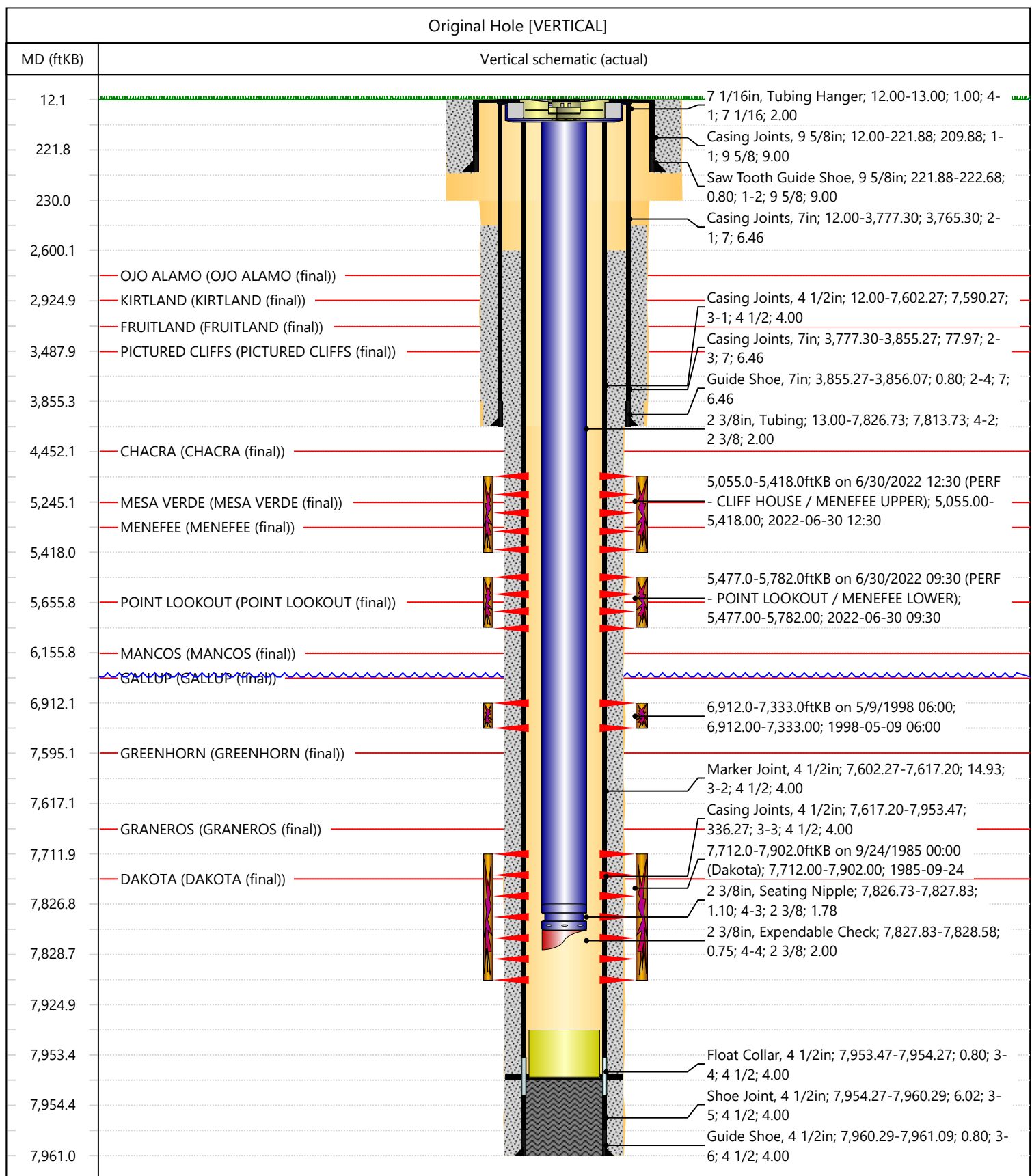
This well is currently producing as a MV/GL/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.

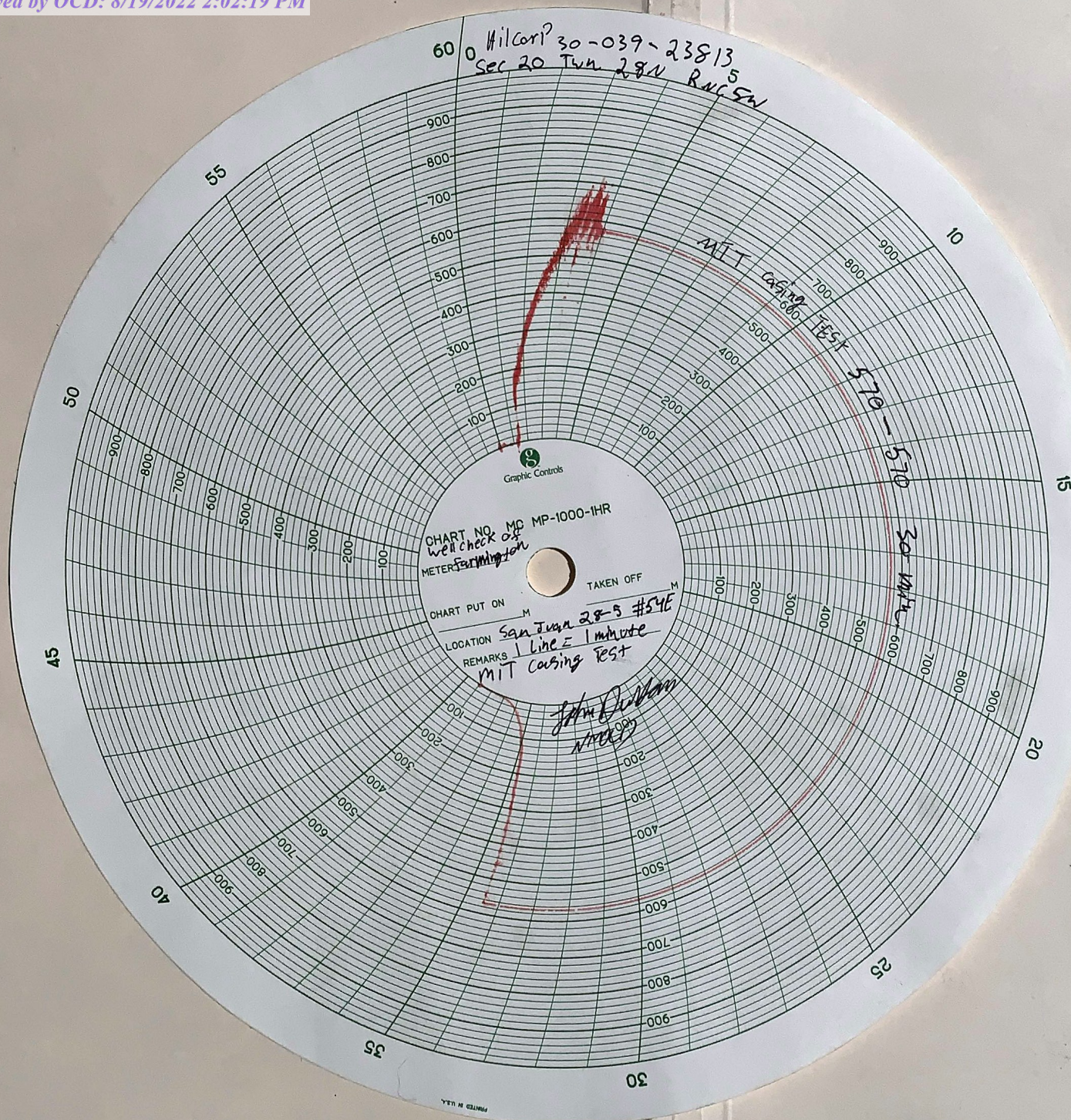


Current Schematic

Well Name: SAN JUAN 28-5 UNIT #54E

API / UWI 3003923813	Surface Legal Location 020-028N-005W-C	Field Name WILDCAT;28N05W20C #5042	Route 1304	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,644.00	Original KB/RT Elevation (ft) 6,656.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	





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Well Number: 54E	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: 3003923813	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2688279

Type of Submission: Subsequent Report	Type of Action: Recompletion
Date Sundry Submitted: 08/19/2022	Time Sundry Submitted: 12:49
Date Operation Actually Began: 07/04/2022	

Actual Procedure: AFMSS error on Completion report, submitting completion report on RC sundry as a workaround. Attached is a copy of the MV completion report from recomplete activities.

SR Attachments

Actual Procedure

SJ_28_5_Unit_54E_Recomplete_Completion_Report_20220819124828.pdf

Well Name: SAN JUAN 28-5	Well Location: T28N / R5W / SEC 20 / NENW / 36.65068 / -107.38582	County or Parish/State: RIO ARRIBA / NM
Well Number: 54E	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: 3003923813	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: AUG 19, 2022 12:48 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: 08/19/2022
Signature: Kenneth Rennick	

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 54E3. Address
382 Rd 3100, Aztec NM 874103a. Phone No. (include area code)
(505) 333-1700

9. API Well No.

30-039-23813

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

At surface **Unit C (NENW), 1190' FNL & 1495' FWL,**

At top prod. Interval reported below

Same as above

At total depth

Same as above14. Date Spudded
9/1/198515. Date T.D. Reached
9/10/198516. Date Completed **7/4/2022**
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6644'18. Total Depth: **7961'**19. Plug Back T.D.: **7954'**20. Depth Bridge Plug Set: **MD**
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL22. 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	225'	n/a	148 cf			
8 3/4"	7" K-55	20#	0	3856'	n/a	325 cf			
6 1/4"	4 1/2" N-80	11.6#	0	7961'	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"	7829'							



25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout/Lower Menefee	5477'	5782'	1 SPF	.33"	21	open
B) Cliffhouse /Upper Menefee	5055'	5418'	1 SPF	.33"	23	open
C)						
D) TOTAL					44	



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

Depth Interval	Amount and Type of Material
5477-5782	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 46,326 gal of 70 Q slick water, 149,846# 20/40 sand, 1.73M SCF N2
5055-5418	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 42,126 gal of 70 Q slick water, 150,011# 20/40 sand, 1.42M 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
7/4/2022	7/4/2022	24		0	758 mcf	14 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"	400 psi	560 psi		0	758 mcf/d	14 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	2774'	2925'	White, cr-gr ss	Ojo Alamo	2774'
Kirtland	2925'	3235'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2925'
Fruitland	3235'	3488'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	3235'
Pictured Cliffs	3488'	3574'			3488'
Lewis	3574'	4452'	Shale w/ siltstone stingers	Lewis	3574'
Chacra	4452'	5245'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4452'
Cliffhouse	5245'	5305'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5245'
Menefee	5305'	5656'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5305'
Point Lookout	5656'	6156'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5656'
Mancos	6156'	6680'	Dark gry carb sh.	Mancos	6156'
Gallup	6680'	7595'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6680'
Greenhorn	7595'	7654'	Highly calc gry sh w/ thin lmst.	Greenhorn	7595'
Graneros	7654'	7795'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7654'
Dakota	7795'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7795'
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/GL/DK commingle per DHC 5215. 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 8/15/2022

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 136003

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 136003
	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 136003

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 136003
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	9/16/2022