

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 30-039-08141	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)	
⁶ Pool Code 72319		
⁷ Property Code 318710	⁸ Property Name San Juan 28-6 Unit	⁹ Well Number 99

II. ¹⁰ Surface Location

UI or lot no. H	Section 24	Township 28N	Range 6W	Lot Idn	Feet from the 1650	North/SouthLine North	Feet from the 1090	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
151618	Enterprise Field Services	G

IV. Well Completion Data

²¹ Spud Date 9/2/1965	²² Ready Date 9/26/22	²³ TD MD 7900'	²⁴ PBTD MD 7800'	²⁵ Perforations 4190'- 5729'	²⁶ DHC, MC DHC-5219-0
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
15"		9 5/8", 32.3#, H-40	298'		300 sx
7 7/8"		4 1/2", 11.6 & 10.5#, J-55	7900'		900 cf
		2 3/8", 4.7#, J-55	7505'		

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 9/26/22	³³ Test Date 9/26/22	³⁴ Test Length 24 hr	³⁵ Tbg. Pressure SI-415 psi	³⁶ Csg. Pressure SI-485 psi
³⁷ Choke Size 48/64"	³⁸ Oil 0	³⁹ Water 94 bwpd	⁴⁰ Gas 108 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> Printed name: Kandis Roland Title: Operations Regulatory Tech Sr. E-mail Address: kroland@hilcorp.com Date: 10/5/2022	OIL CONSERVATION DIVISION Approved by: Title: Approval Date: Phone: (713) 757-5246

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.

NMNM013656

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 28-6 Unit

2. Name of Operator

Hilcorp Energy Company

8. Lease Name and Well No.

San Juan 28-6 Unit 99

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

9. API Well No.

30-039-08141

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

At surface Unit H (SENE), 1650' FNL & 1090' FEL,

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. 24, T28N, R6W

12. County or Parish

Rio Arriba

13. State

New Mexico

14. Date Spudded

9/2/1965

15. Date T.D. Reached

9/21/1965

16. Date Completed

9/26/2022

☐ D & A☒ Ready to Prod.

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

6512'

18. Total Depth:

7900'

19. Plug Back T.D.:

7800'

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"	9 5/8" H-40	32.3#	0	298'	n/a	300 sx			
7 7/8"	4 1/2" J-55	11.6 & 10.5#	0	7900'	n/a	900 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"	7505'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	4190'	4206'	Found HIC		1	open
B) Mesaverde	4834'	4850'	Found HIC		1	open
C) Mesaverde	5102'	5548'	1 SPF	.33"	25	open
D) Meaverde	5729'	5729'	Leaking DV Tool		1	open
E) TOTAL					28	

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4190-4206	Mix & pump 21 sx of Type 3, 14.6 PPG, 1.37 Yield
4834-4850	Mix & pump 30 sx of MC-500 cmt, 13#, .94 Yield
5102-5548	Broke well with water & 1000 gal 15% HCL. Foam Frac w/ 96,180 gal of 70 Q slick water, 300,133# 20/40 sand, 3.65M 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
9/26/2022	9/26/2022	24	→	0	108 mcf	94 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	
48/64"	415 psi	485 psi	→	0	108 mcf/d	94 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):	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	2589'	2767'	White, cr-gr ss	Ojo Alamo	2589'
Kirtland	2767'	3052'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2767'
Fruitland	3052'	3352'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	3052'
Pictured Cliffs	3352'	3442'			3352'
Lewis	3442'	4298'	Shale w/ siltstone stingers	Lewis	3442'
Chacra	4298'	5090'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4298'
Cliffhouse	5090'	5176'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5090'
Menefee	5176'	5535'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5176'
Point Lookout	5535'	5681'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5535'
Mancos	5681'	6525'	Dark gry carb sh.	Mancos	5681'
Gallup	6525'	7466'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6525'
Greenhorn	7466'	7526'	Highly calc gry sh w/ thin lmst.	Greenhorn	7466'
Graneros	7526'	7624'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7526'
Dakota	7624'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7624'
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 5219. MV PA - NMNM078412A

33. Indicate which items have been attached by placing a check in the appropriate boxes:			
<input type="checkbox"/> Electrical/Mechanical Logs (1 full set req'd.)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input type="checkbox"/> 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	10/5/2022

Kandis Roland

From: blm-afmss-notifications@blm.gov
Sent: Wednesday, October 5, 2022 4:40 PM
To: Kandis Roland
Subject: [EXTERNAL] Well Name: SAN JUAN 28-6 UNIT, Well Number: 99, 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 28-6 UNIT**
- Well Number: **99**
- US Well Number: **3003908141**
- Well Completion Report Id: **WCR2022100586131**

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

Well Name: SAN JUAN 28-6 UNIT	Well Location: T28N / R6W / SEC 24 / SENE / 36.649429 / -107.412567	County or Parish/State: RIO ARRIBA / NM
Well Number: 99	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM013656	Unit or CA Name: SAN JUAN 28-6 UNIT--DK	Unit or CA Number: NMNM78412C
US Well Number: 3003908141	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2696597

Type of Submission: Subsequent Report

Date Sundry Submitted: 10/05/2022

Date Operation Actually Began: 08/03/2022

Type of Action: Recompletion

Time Sundry Submitted: 11:24

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

SR Attachments

- Actual Procedure
- SJ_28_6_UNIT_99_REV2_20221005112305.PDF

MIT_Charts_20221005112250.pdf

Current_Schematic_20221005112237.pdf

SJ_28_6_Unit_99_Recomplete_Sundry_20221005112236.pdf

Well Name: SAN JUAN 28-6 UNIT	Well Location: T28N / R6W / SEC 24 / SENE / 36.649429 / -107.412567	County or Parish/State: RIO ARRIBA / NM
Well Number: 99	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM013656	Unit or CA Name: SAN JUAN 28-6 UNIT--DK	Unit or CA Number: NMNM78412C
US Well Number: 3003908141	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: OCT 05, 2022 11:23 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: 10/05/2022

Signature: Kenneth Rennick

San Juan 28-6 Unit 99
API # 30-039-08141
Recomplete Subsequent Sundry

8/3/22 SIBHP- 0, SITP- 60, SICP- 60. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. SIW. SDFN.

8/4/22 SIBHP- 0, SITP- 60, SICP- 60. BWD. TOO H and scan tbg. TIH w/ mill to 7576'. SIW. SDFN.

8/5/22 SIBHP- 0, SITP- 0, SICP- 185. BDW. TOO H w/ mill. TIH and set **CIBP @ 7526'**. PT csg to 420 psi. Bad Test. LD tbg. TIH w/ pkr. Test at various depths to find leak. Narrowed down to 3613' – 6384'. SIW. SDFN.

8/8/22 SIBHP- 0, SITP- 0, SICP- 0. TIH w/ pkr. Continue to isolate leak. LD pkr. SIW. SDFN.

8/9/22 SIBHP- 0, SITP- 0, SICP- 0. RU WL. Run CBL from 7526' to surface. **Submitted CBL to OCD/BLM on 8/12/22.** RD WL. TIH w/ pkr. Continue to isolate leak. SIW. SDFN.

8/10/22 SIBHP- 0, SITP- 0, SICP- 0. TIH w/ pkr. Continue to isolate leak. SIW. SDFN.

8/11/22 SIBHP- 0, SITP- 0, SICP- 0. TIH w/ pkr. Continue to isolate leak. SIW. SDFN.

8/12/22 SIBHP- 0, SITP- 0, SICP- 0. TIH w/ pkr. Isolated three leaks, #1 HIC: 4190' – 4206', #2 HIC: 4834' – 4850', #3 Leaking DV Tool @ 5729'. All three leaks are within the MV formation. **Received verbal approval from Monica Kuehling/OCD & Kenny Rennick/BLM to squeeze holes 4190'-4850' & to count leak @ 5729' as a MV perforation.** SIW. SDFN.

8/15/22 SIBHP- 0, SITP- 0, SICP- 0. RIH & set pkr @ 5739'. Run MIT from 5739' – 7526' @ 560 psi for 30 min witness by Thomas Vermersch/OCD. Good Test. TOO H. Set pkr @ 4190'. Run MIT from 0' – 4190' @ 540 psi for 30 min witness by Thomas Vermersch/OCD. Good Test. SIW. SDFN.

8/16/22 SIBHP- 0, SITP- 0, SICP- 0. TIH & set **CICR @ 5600'**. TOO H w/ tbg to 4900'. Mix & pump 30 sx of MC-500 cmt, 13#, .94 Yield. Spot balance plug from 4578'-4900'. Displace & RD cmt. TOO H w/ tbg. TIH w/ & set **CICR @ 4256'**. Sqz on plug from 4578' to 4900'. Sqz 1.25 bbls after 2 hours. Sting out of retainer. Establish injection rate into leak from 4190'-4206'. RU cmt. Mix & pump 21 sx of Type 3, 14.6 PPG, 1.37 Yield. Pump balance plug from 3934'-4256'. Displace & RD cmt. TOO H w/ tbg. PU pkr & set @ 64'. Sqz on cmt. Sqz 1.5 bbls after 1.5 hrs. **Received verbal approval from Monica Kuehling/OCD & Kenny Rennick/BLM to count 4190' – 4206' & 4834' – 4850' as a MV perforations so that an additional MIT does not have to be ran.** SIW. SDFN.

8/17/22 SIBHP- 0, SITP- 0, SICP- 0. TOO H w/ pkr. TIH w/ bit. Tag TOC @ 4028'. D/O cmt from 4028' – 4256'. D/O cmt retainer @ 4256'. Tag TOC @ 4640'. D/O cmt to 4673'. Circulate clean. SIW. SDFN.

8/18/22 SIBHP- 0, SITP- 0, SICP- 0. D/O cmt from 4673' – 4900'. TIH w/ tbg to 5600'. Circulate well clean. LD tbg. SIW. SDFN.

8/19/22 SIBHP- 0, SITP- 0, SICP- 0. RU WL. RIH & Perf **Mesaverde** w/.33" diam.- 1SPF @: 5102', 5117', 5128', 5150', 5170', 5192', 5196', 5207', 5213', 5224', 5262', 5272', 5282', 5327', 5336', 5350', 5391', 5415', 5432', 5452', 5502', 5512', 5521', 5540', 5548'= **25** holes. POOH. RD WL. TIH & set pkr @ 4884'. SIW. SDFN.

8/22/22 SIBHP- 0, SITP- 0, SICP- 0. ND BOP, NU Frac Stack. PT Frac Stack, good test. SIW. RDMO

9/20/22 SIBHP- 0, SITP- 0, SICP- 0. RU Frac crew. Mesaverde (5102' – 5548') Broke well with water & 1000 gal 15% HCL. Foam Frac w/ 96,180 gal of 70 Q slick water, 300,133# 20/40 sand, 3.65M SCF N2. RD Frac crew. SIW. SDFN.

9/21/22 SIBHP- 0, SIICP-0, SICP- 0. MIRU. ND Frac Stack, NU BOP. PT BOP, good test. Release pkr @ 4884'. BDW. TIH w/ mill. SIW. SDFN.

9/22/22 SIBHP- 0, SITP- 0, SICP- 0. C/O well. D/O **CICR @ 5600'**. C/O well. RIH & D/O **CIBP @ 7526'**. SIW. SDFN.

9/23/22 SIBHP- 0, SITP- 0, SICP – 650. BDW. C/O well. TIH & land 239 jts 2 3/8", 4.7# J-55 **tbg set @ 7505'** with SN @ 7503'. ND BOP. NU WH. PT tbg to 550 psi. Test Good. RDMO.

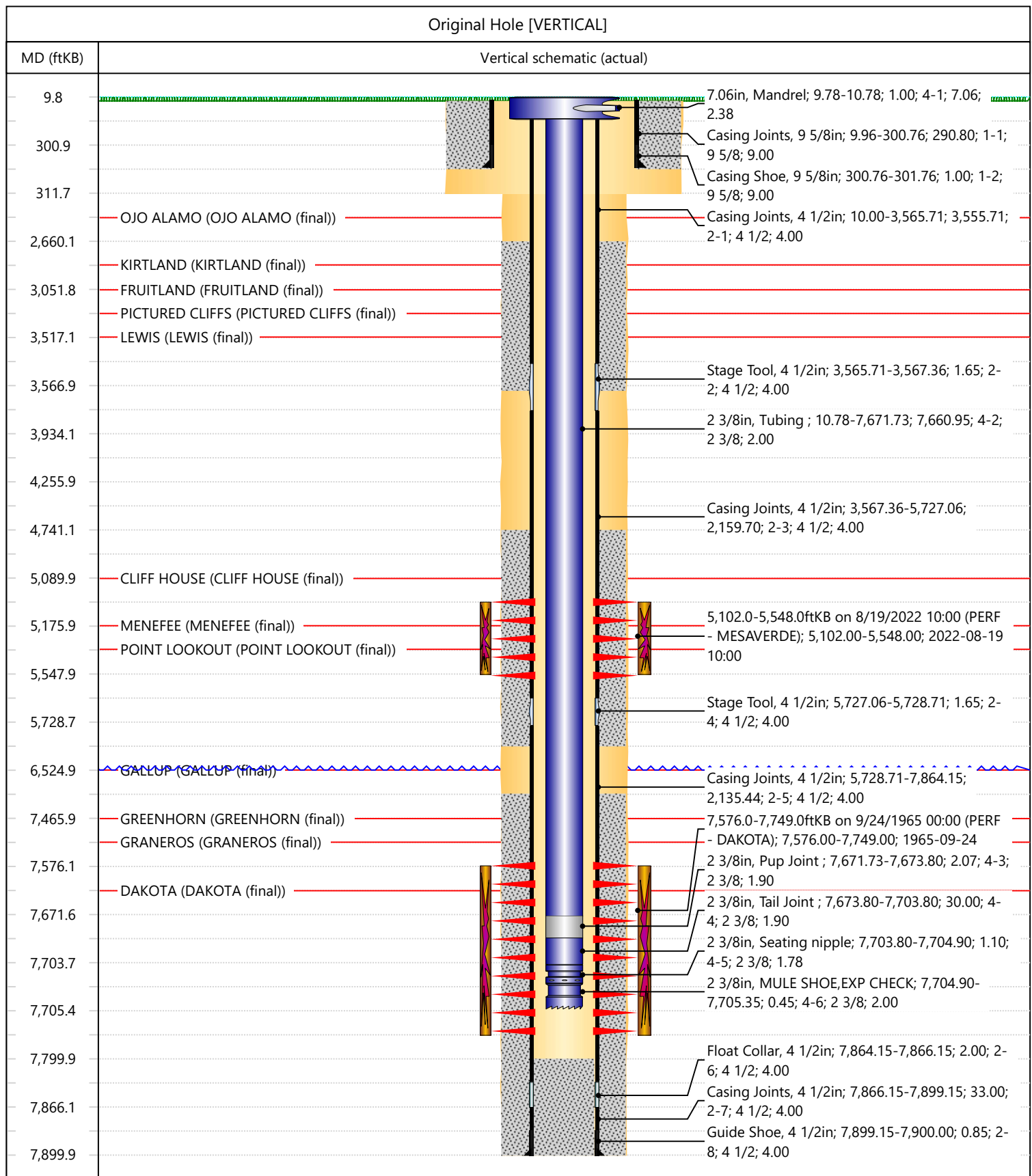
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.

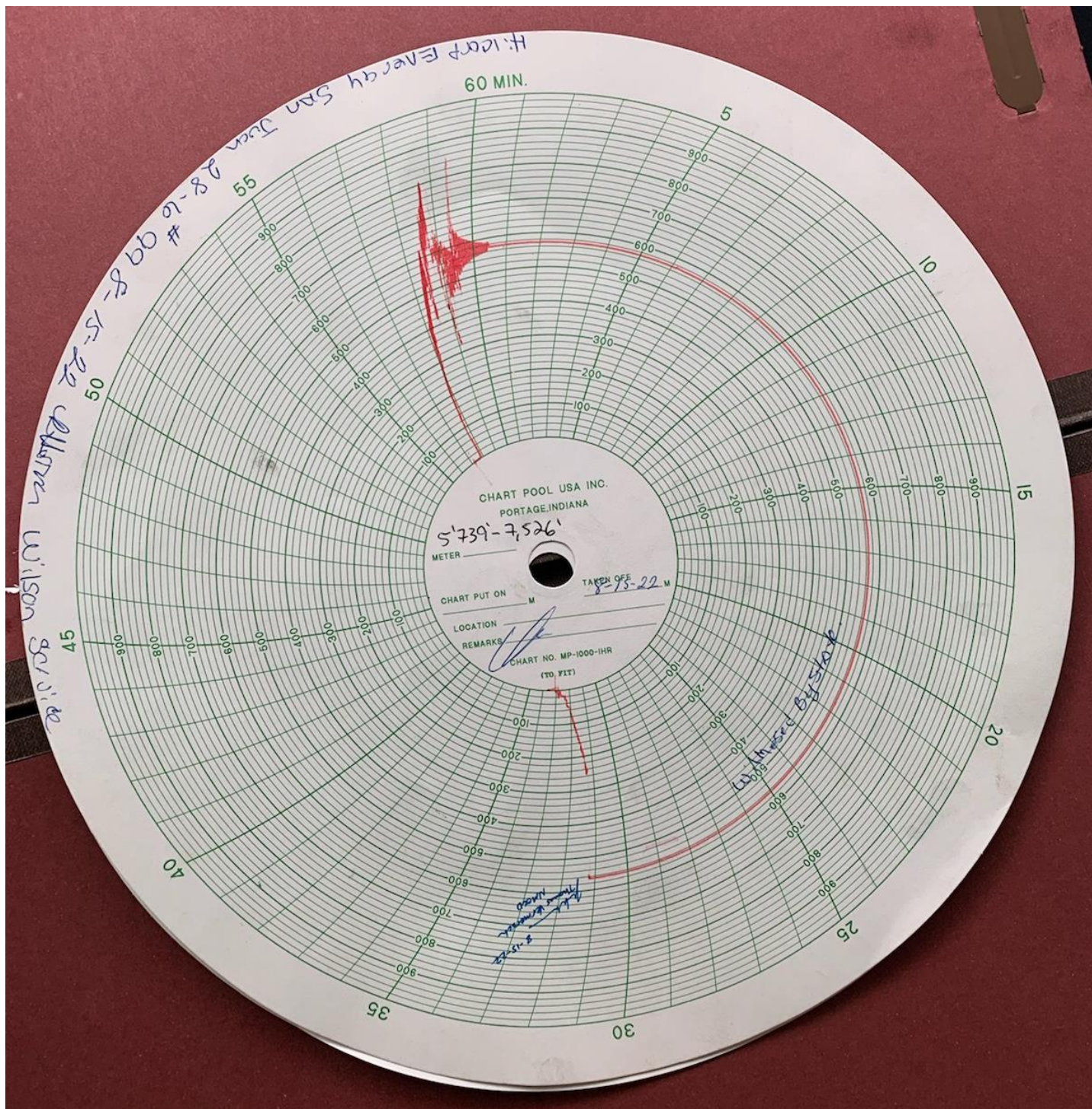


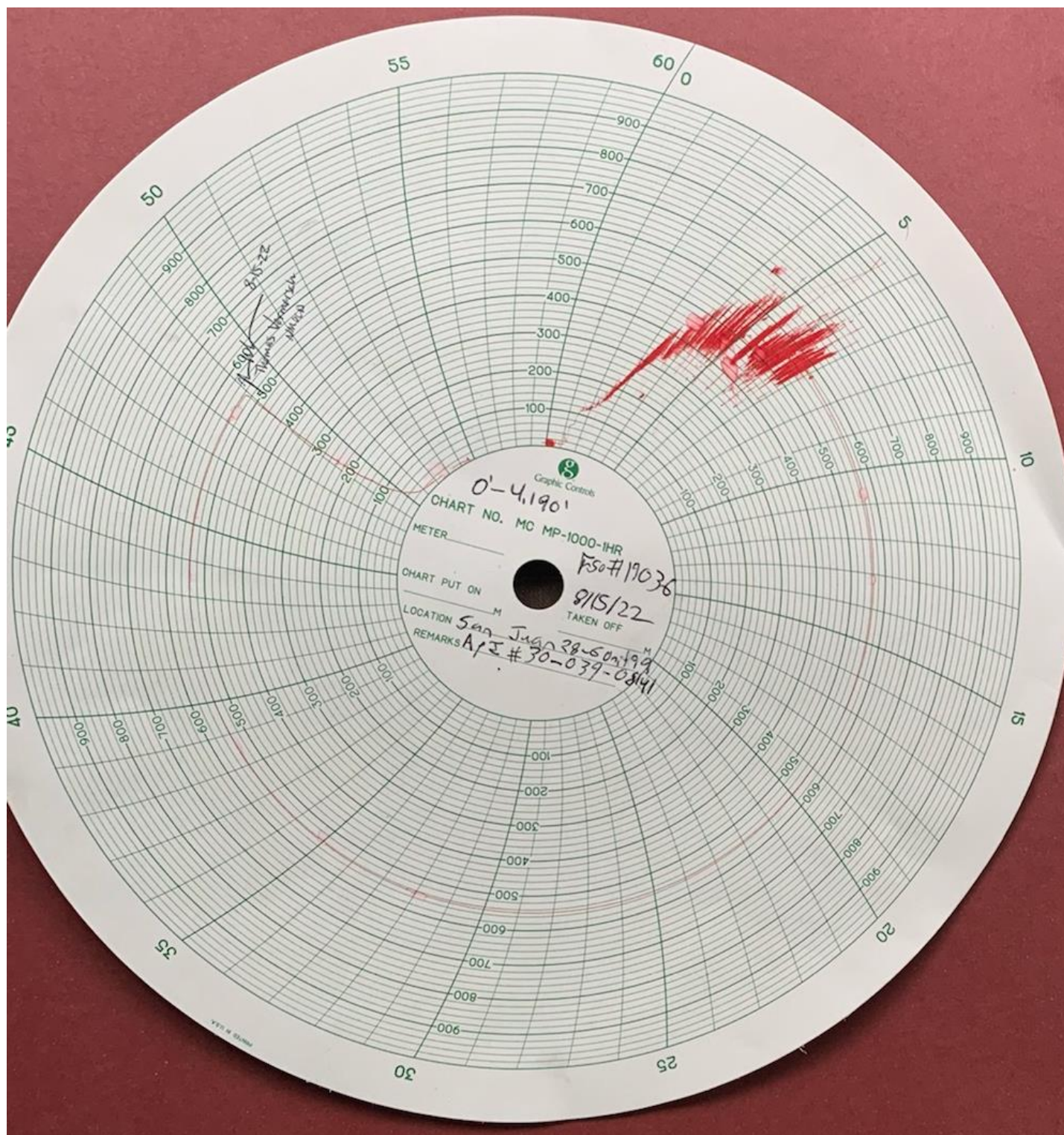
Current Schematic

Well Name: SAN JUAN 28-6 UNIT #99

API / UWI 3003908141	Surface Legal Location 024-028N-006W-H	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1304	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,512.00	Original KB/RT Elevation (ft) 6,522.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	







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 149291

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 149291
	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 149291

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 149291
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
nmurphy	None	11/3/2022