

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised Feb. 26, 2007

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 30-039-30048	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 211F

II. ¹⁰ Surface Location

UI or lot no. L	Section 8	Township 28N	Range 6W	Lot Idn	Feet from the 1465	North/SouthLine South	Feet from the 1300	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
373888	Enterprise Field Services	G

IV. Well Completion Data

²¹ Spud Date 12/7/2006	²² Ready Date 10/1/22	²³ TD MD 8127'	²⁴ PBTD MD 8123'	²⁵ Perforations 5327'- 5957'	²⁶ DHC, MC 5220
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8", 32.3#, H-40	225'	76 sx		
8 3/4"	7", 20#, J-55	3953'	565 sx		
6 1/4"	4 1/2", 11.6 & 10.5#, J-55	8126'	305 sx		
	2 3/8", 4.7#, J-55	8066'			

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 10/1/22	³³ Test Date 10/1/22	³⁴ Test Length 24hr	³⁵ Tbg. Pressure SI-228 psi	³⁶ Csg. Pressure SI-290 psi
³⁷ Choke Size 24/64"	³⁸ Oil 0	³⁹ Water 6 bwpd	⁴⁰ Gas 404 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: <div>Dean R McClure</div>	
Printed name: Kandis Roland		Title: Petroleum Engineer	
Title: Operations Regulatory Tech Sr.		Approval Date: 10/18/2022	
E-mail Address: kroland@hilcorp.com			
Date: 10/10/22	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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NMSF080430			
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.,						6. If Indian, Allottee or Tribe Name			
Other: RECOMPLETE						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 211F			
3. Address 382 Rd 3100, Aztec NM 87410				3a. Phone No. (include area code) (505) 333-1700		9. API Well No. 30-039-30048			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit L (NWSW), 1465' FSL & 1300' FWL, 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. 8, T28N, R6W			
						12. County or Parish Rio Arriba		13. State New Mexico	
14. Date Spudded 12/7/2006		15. Date T.D. Reached 12/23/2006		16. Date Completed 10/1/2022 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6821'			
18. Total Depth: 8127'		19. Plug Back T.D.: 8123'		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 Cement 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	76 sx			
8 3/4"	7" J-55	20#	0	3953'	n/a	565 sx			
6 1/4"	4 1/2" J-55	11.6 & 10.5#	0	8126'	n/a	305 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"	8066'								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Point Lookout		5837'	5957'	3 SPF		.35"	24	open	
B) Menefee		5584'	5718'	3 SPF		.35"	24	open	
C) Cliffhouse		5327'	5490'	3 SPF		.35"	24	open	
D) TOTAL							72		
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5837-5957		Foam Frac w/ 744 bbls of 70 Q slick water, 107,243# 20/40 sand, 1.004M SCF N2							
5584-5718		Foam Frac w/ 664 bbls of 70 Q slick water, 92,501# 20/40 sand, 1.137M SCF N2							
5327-5490		Foam Frac w/ 728 bbls of 70 Q slick water, 107,295# 20/40 sand, .961M 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
10/1/2022	10/1/2022	24		0	404 mcf	6 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	
24/64"	228 psi	290 psi		0	404 mcf/d	6 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	2862'	2934'	White, cr-gr ss	Ojo Alamo	2862'
Kirtland	2934'	3449'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2934'
Fruitland	3449'	3637'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3449'
Pictured Cliffs	3637'	3795'			3637'
Lewis	3795'	4628'	Shale w/ siltstone stingers	Lewis	3795'
Chacra	4628'	5205'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4628'
Cliffhouse	5205'	5498'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5205'
Menefee	5498'	5833'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5498'
Point Lookout	5833'	6256'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5833'
Mancos	6256'	7060'	Dark gry carb sh.	Mancos	6256'
Gallup	7060'	7788'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7060'
Greenhorn	7788'	7854'	Highly calc gry sh w/ thin lmst.	Greenhorn	7788'
Graneros	7854'	7892'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7854'
Dakota	7892'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7892'
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 5220. MV PA - NMNM078412A

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 10/7/2022

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: Monday, October 17, 2022 7:08 PM
To: Kandis Roland
Subject: [EXTERNAL] Well Name: SAN JUAN 28-6 UNIT, Well Number: 211F, 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: **211F**
- US Well Number: **3003930048**
- Well Completion Report Id: **WCR2022101786173**

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 8 / NWSW / 36.672519 / -107.494994	County or Parish/State: RIO ARRIBA / NM
Well Number: 211F	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080430	Unit or CA Name: SAN JUAN 28-6 UNIT--DK	Unit or CA Number: NMNM78412C
US Well Number: 3003930048	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2697061

Type of Submission: Subsequent Report

Date Sundry Submitted: 10/07/2022

Date Operation Actually Began: 08/11/2022

Type of Action: Recompletion

Time Sundry Submitted: 11:58

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

SR Attachments

- Actual Procedure
- MIT_20221007115809.pdf

Current_Schematic_20221007115748.pdf

SJ_28_6_Unit_211F_Recomplete_Sundry_20221007115747.pdf

Well Name: SAN JUAN 28-6 UNIT	Well Location: T28N / R6W / SEC 8 / NWSW / 36.672519 / -107.494994	County or Parish/State: RIO ARRIBA / NM
Well Number: 211F	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080430	Unit or CA Name: SAN JUAN 28-6 UNIT--DK	Unit or CA Number: NMNM78412C
US Well Number: 3003930048	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 07, 2022 11:58 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: 10/18/2022

Signature: Kenneth Rennick

San Juan 28-6 Unit 211F
API # 30-039-30048
Recomplete Subsequent Sundry

8/11/22 MIRU. SDFN.

8/12/22 SIBHP- 0, SIICP-0, SITP- 154, SICP- 154. BWD. ND WH, NU BOP. PT BOP, good test. TOOH and scan tbg. TIH w/ mill to 7880'. TOOH w/ mill. TIH and set **CIBP @ 7860'**. PT csg to 500 psi. Good Test. LD tbg. SIW. SDFN

8/15/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 450. BDW. MIT 550 psi for 30 min witness by John Durham, OCD. Good test. RIH & set **CBP @ 6050'**. PT csg to 4000 psi. for 30 min. Good test. ND BOP, NU Frac Stack. PT Frac Stack, good test. RDMO

9/26/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wireline.

RIH & Perf **PT Lookout** w/.35" diam.- Select fire 3-SPF 120 degree phasing @: 5837', 5844', 5857', 5866', 5886', 5908', 5940', 5957'= **24** holes. POOH. RD wireline. RU Frac crew. PT Lookout (5837' – 5957') Foam Frac w/ 744 bbls of 70 Q slick water, 107,243# 20/40 sand, 1.004M SCF N2.

RIH and set **frac plug @ 5750'**. POOH. RIH & perf **Menefee** w/.35" diam.- Select Fire 3-SPF 120 degree phasing @: 5584', 5590', 5596', 5640', 5648', 5680', 5688', 5718'= **24** holes. POOH. RD wireline. Frac Menefee (5584' – 5718') Foam Frac w/ 664 bbls of 70 Q slick water, 92,501# 20/40 sand, 1.137M SCF N2. RIH and set **frac plug @ 5520'**. POOH.

RIH & Perf **Cliffhouse** w/.35" diam.- Select fire 3-SPF 120 degree phasing @: 5327', 5334', 5396', 5428', 5437', 5466', 5472', 5490'= **24** holes. POOH. RD wireline. Frac Cliffhouse (5327' – 5490'). Foam Frac w/ 728 bbls of 70 Q slick water, 107,295# 20/40 sand, .961M SCF N2. RIH & set **CBP @ 4500'**. TOOH. SIW. SDFN.

9/27/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. MIRU. ND WH, NU BOP. PT BOP, good test. TIH w/ mill. D/O **CBP @ 4500'**. C/O well. SIW. SDFN.

9/28/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 500. BDW. RIH C/O well. TIH w/ mill. D/O **Frac Plug @ 5520'**. C/O well. RIH & D/O **frac plug @ 5750'**. C/O well. TOOH. SIW. SDFN.

9/29/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 350. BDW. C/O well. TIH D/O **CBP 6050'**. C/O well. D/O **CIBP @ 7860'**. C/O well. TOOH. LD tbg. SIW. SDFN.

9/30/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 350. BDW. C/O well. TIH & land 257 jts 2 3/8", 4.7# J-55 **tbg set @ 8066'** with S-Nipple @ 8064'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

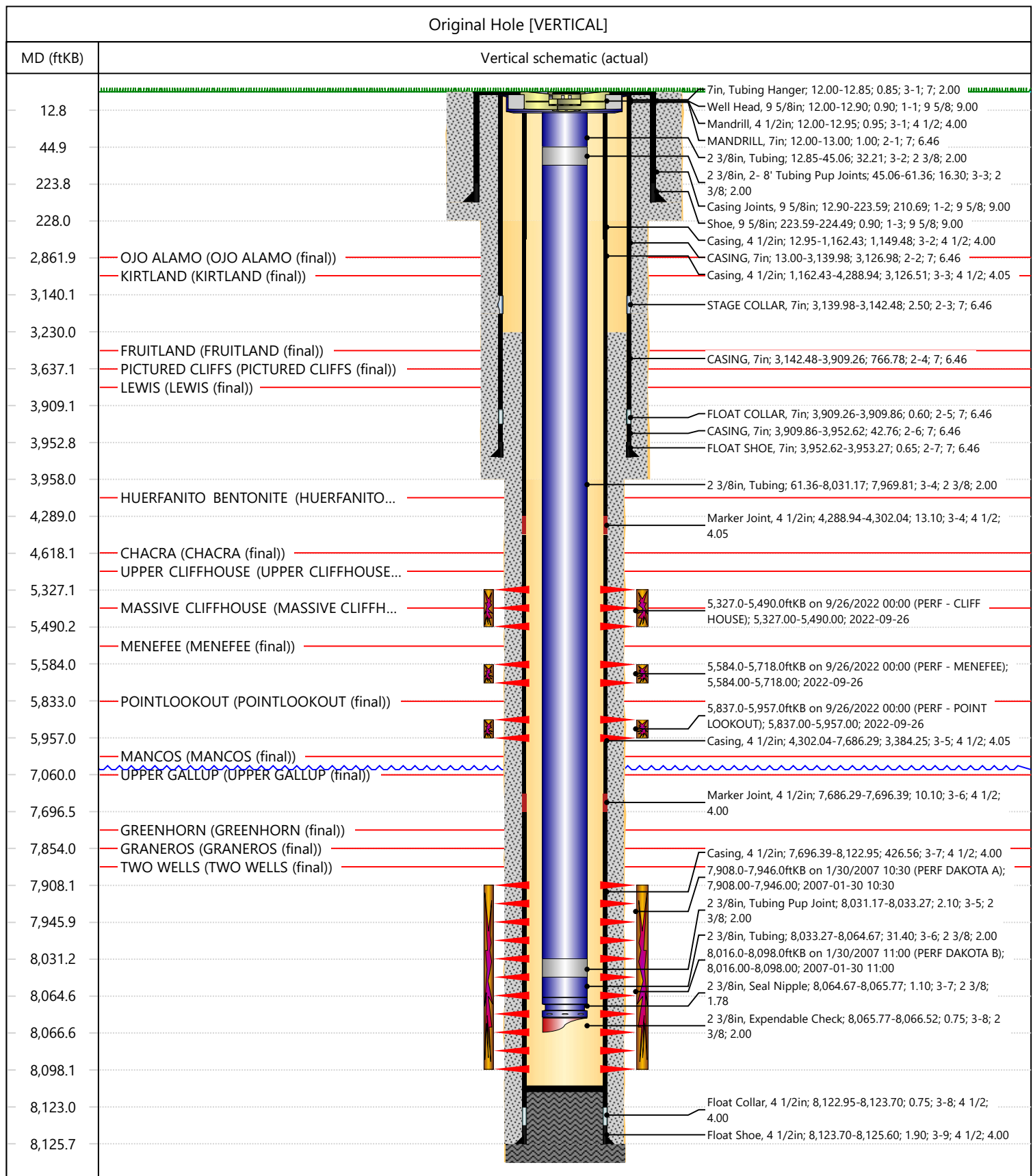
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.

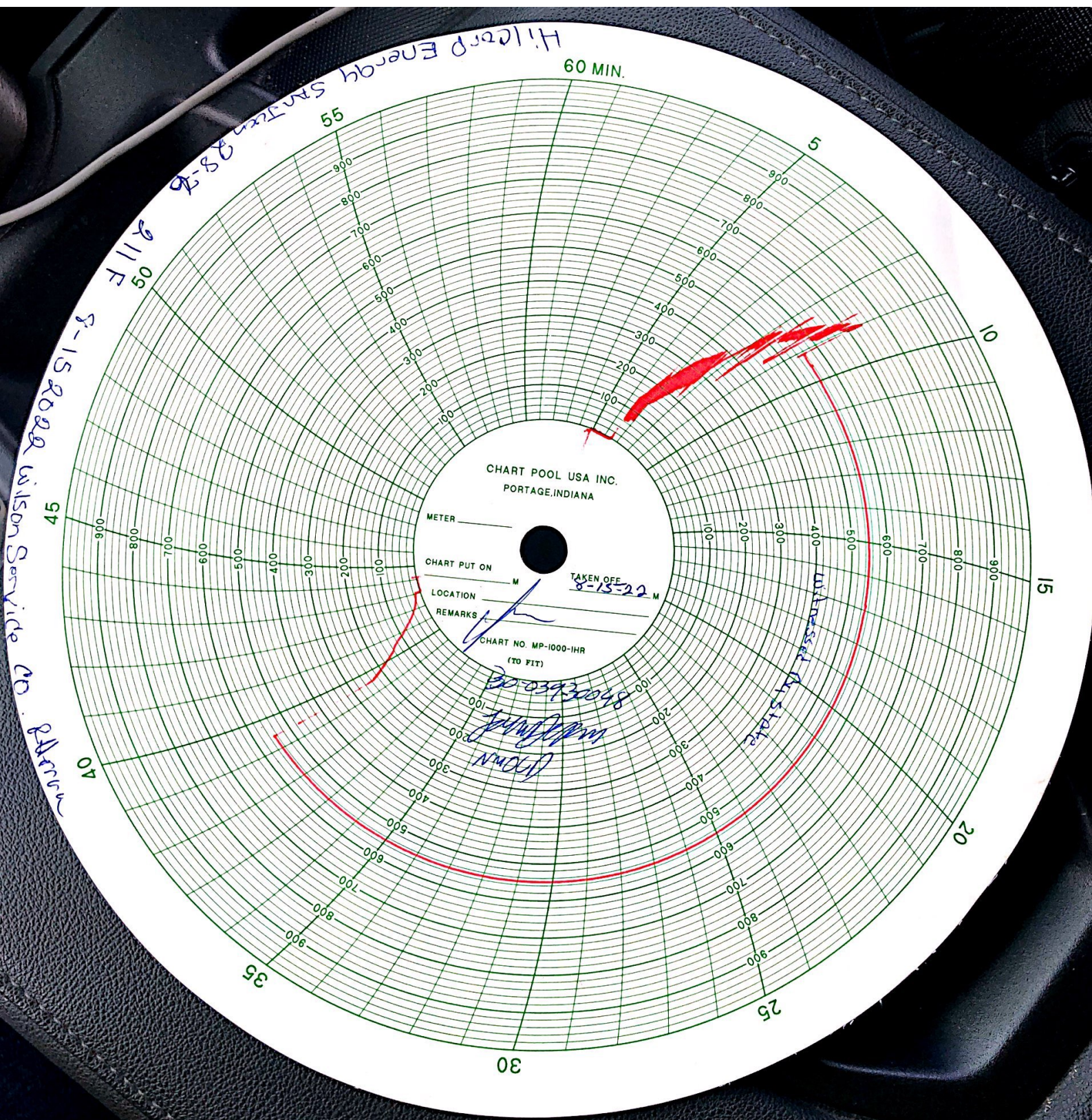


Current Schematic

Well Name: SAN JUAN 28-6 UNIT #211F

API / UWI 3003930048	Surface Legal Location 008-028N-006W-L	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1008	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,820.00	Original KB/RT Elevation (ft) 6,832.00	KB-Ground Distance (ft) 12.00	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 151535

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 151535
	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 151535

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 151535
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	10/18/2022