

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 30-039-23447	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)	
⁶ Pool Code 72319		
⁷ Property Code 318839	⁸ Property Name San Juan 31-6 Unit	⁹ Well Number 51

II. ¹⁰ Surface Location

UI or lot no. K	Section 5	Township 30N	Range 6W	Lot Idn	Feet from the 1520	North/SouthLine South	Feet from the 1670	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 Refinery	O
373888	Harvest Four Corners	G

IV. Well Completion Data

²¹ Spud Date 7/26/1984	²² Ready Date 5/15/2022	²³ TD MD 7859'	²⁴ PBTD MD 7806'	²⁵ Perforations 4864'-5694'	²⁶ DHC, MC DHC-5175
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	9 5/8", 36#, K-55	384'	225 sx		
8 3/4"	7", 20#, K-55	3545'	225 sx		
6 1/4"	4 1/2", 11.6 & 10.5#, K-55	7859'	375 sx		
	2 3/8", 4.7#, J-55	7680'			

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 5/15/2022	³³ Test Date 5/15/2022	³⁴ Test Length 24hr	³⁵ Tbg. Pressure 380 psi	³⁶ Csg. Pressure 500 psi
³⁷ Choke Size 21/64"	³⁸ Oil 0	³⁹ Water 0 bwpd	⁴⁰ Gas 494 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: <i>Kandis Roland</i> Printed name: Kandis Roland Title: Operations Regulatory Tech Sr. E-mail Address: kroland@hilcorp.com Date: 6/6/2022	OIL CONSERVATION DIVISION	
	Approved by: John Garcia	
	Title: Petroleum Engineer	
	Approval Date: 7/29/2022	
	Phone: (713) 757-5246	

Well Name: SAN JUAN 31-6 UNIT	Well Location: T30N / R6W / SEC 5 / NESW / 36.838455 / -107.489075	County or Parish/State: RIO ARRIBA / NM
Well Number: 51	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM03404	Unit or CA Name: SAN JUAN 31-6 UNIT--DK	Unit or CA Number: NMNM78421B
US Well Number: 3003923447	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2674568

Type of Submission: Subsequent Report

Date Sundry Submitted: 06/02/2022

Date Operation Actually Began: 04/07/2022

Type of Action: Recompletion

Time Sundry Submitted: 09:39

Actual Procedure: Well was recompleted into the Mesaverde and commingled with existing Dakota. See attached operational reports.

SR Attachments

Actual Procedure

SJ_31_6_Unit_51_Recomplete_Sundry_20220602093900.pdf

Received by OCD: 6/6/2022 7:25:25 AM

Page 3 of 11

Well Name: SAN JUAN 31-6 UNIT	Well Location: T30N / R6W / SEC 5 / NESW / 36.838455 / -107.489075	County or Parish/State: RIO ARRIBA / NM
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Lease Number: NMNM03404	Unit or CA Name: SAN JUAN 31-6 UNIT--DK	Unit or CA Number: NMNM78421B
US Well Number: 3003923447	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: JUN 02, 2022 09:39 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: 06/03/2022
Signature: Kenneth Rennick	

San Juan 31-6 Unit 51
API # 30-039-23447
Recomplete Subsequent Sundry

4/7/22 SIBHP- 0, SIICP-0, SITP- 110, SICP – 122. MIRU. ND WH, NU BOP. TOOH and scan tbg. SDFN.

4/8/22 SIBHP- 3, SIICP-4, SITP- 0, SICP – 165. RIH w/ csg scrapper. TOOH w/ csg scraper. TIH and set **CIBP @ 7622'**. PT csg to 560 psi for 15 min. SIW. SDFN.

4/11/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. MIT 560 psi for 30 min witness by John Durham, OCD. Good test. RU wireline. RIH run CBL from CIBP 7622' to surface. Estimated TOC @ 2940'. **CBL sent to Monica Kuehling, OCD and Kenny Rennick, BLM. Received verbal approval to proceed with recomplete**

4/12/22. RIH & set **CBP @ 5890'**. POOH. RD wireline. PT csg to 2500 psi for 15 mins. Good test. SIW. SDFN.

4/12/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. Well check test csg to 4000 psi. TIH w/ tbg. LD float. ND BOP, NU WH. RDMO.

4/28/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. ND WH, NU frac stack. Test Frac string 4000 psi for 20 min. SDFN.

5/9/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. RU wireline. RIH & Perf **PT Lookout/Lower Menefee w/.33" diam.- 1SPF @ PERF MESAVERDE: 5292', 5319', 5329', 5341', 5395', 5442', 5447', 5468', 5479', 5489', 5501', 5515', 5525', 5564', 5570', 5579', 5610', 5619', 5639', 5694'= 20 holes.** RU Frac crew. PT Lookout/Lower Menefee (5292' – 5694') Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 54,787 gal of 70 Q slick water, 106,000# 20/40 sand, 1.73M SCF N2. RIH and set **frac plug @ 5284'**. RIH & Perf **Cliffhouse/Upper Menefee w/.33" diam.- 1SPF @ PERF MESAVERDE: 4864', 4893', 4916', 4927', 4933', 4952', 4958', 4977', 4985', 4992', 5005', 5020', 5035', 5043', 5053', 5060', 5072', 5077', 5095', 5108', 5118', 5127', 5148', 5161', 5173', 5179', 5198', 5206', 5236', 5249', 5275'=31 holes.** Frac Cliffhouse/Upper Menefee (4864' – 5275') Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 44,747 gal of 70 Q slick water, 153,129# 20/40 sand, 1.44M SCF N2. RIH & set **CBP @ 4686'**. RD wireline and Frac Crew. SDFN.

5/10/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 520. MIRU. ND Frac Stack, NU BOP. TIH tag CBP @ 4686'. SIW. SDFN.

5/11/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 520. RIH D/O **CBP @ 4686'**. C/O well. RIH D/O **Frac Plug @ 5284'**. C/O well. TOOH. SIW. SDFN.

5/12/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 760. TIH C/O well. D/O **CBP 5890'**. C/O well. D/O **CIBP @ 7622'**. C/O well. TOOH. SIW. SDFN.

5/13/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 670. TIH C/O well. TIH w/ tbg. ND WH, NU BOP. TOOH w/ tbg. SIW. SDFN.

5/14/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 670. TIH w/ BHA & tbg. Land 245 jts 2 3/8", 4.7# J-55 **tbg set @ 7680'** with S-Nipple @ 7678'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

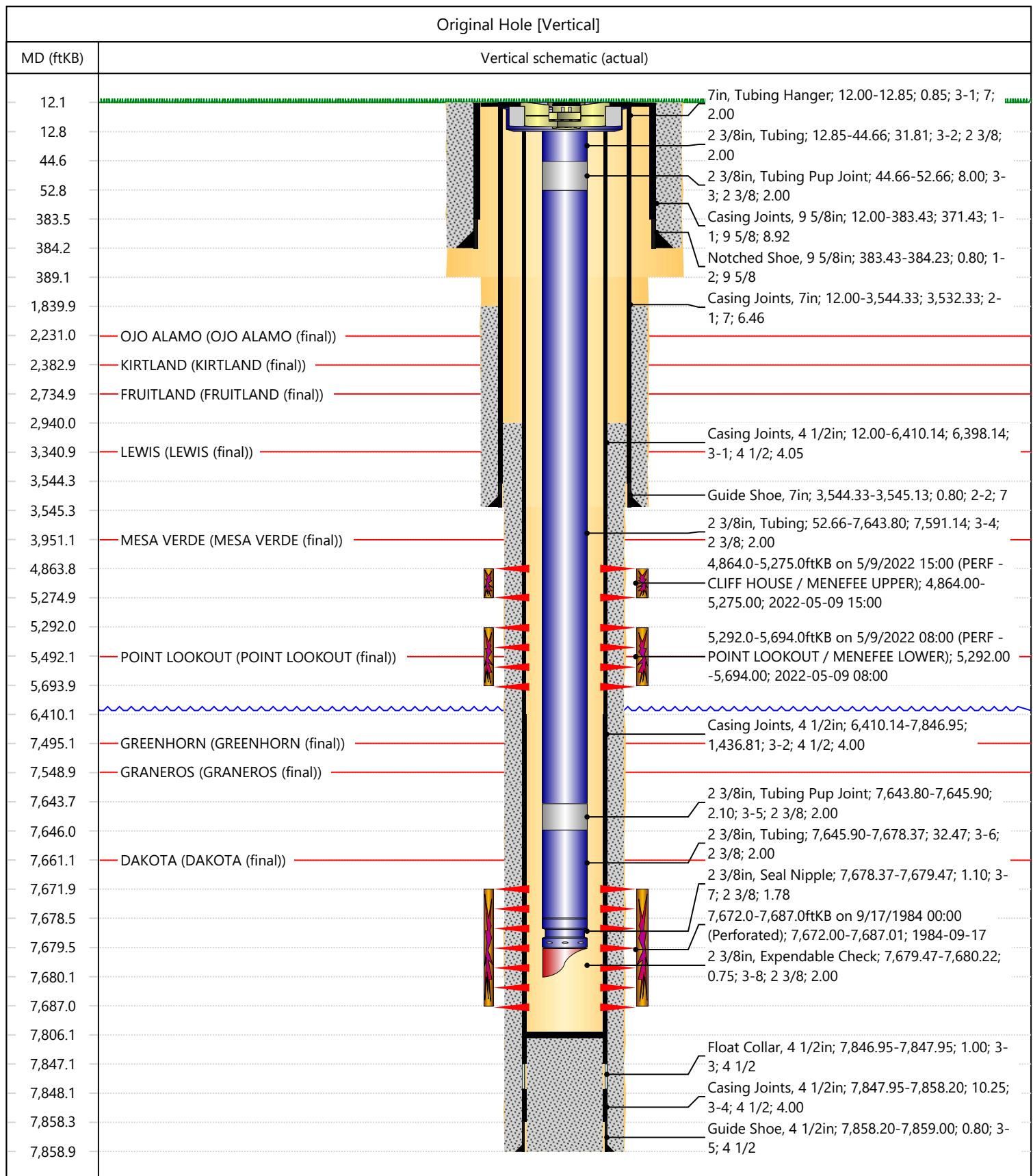
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.



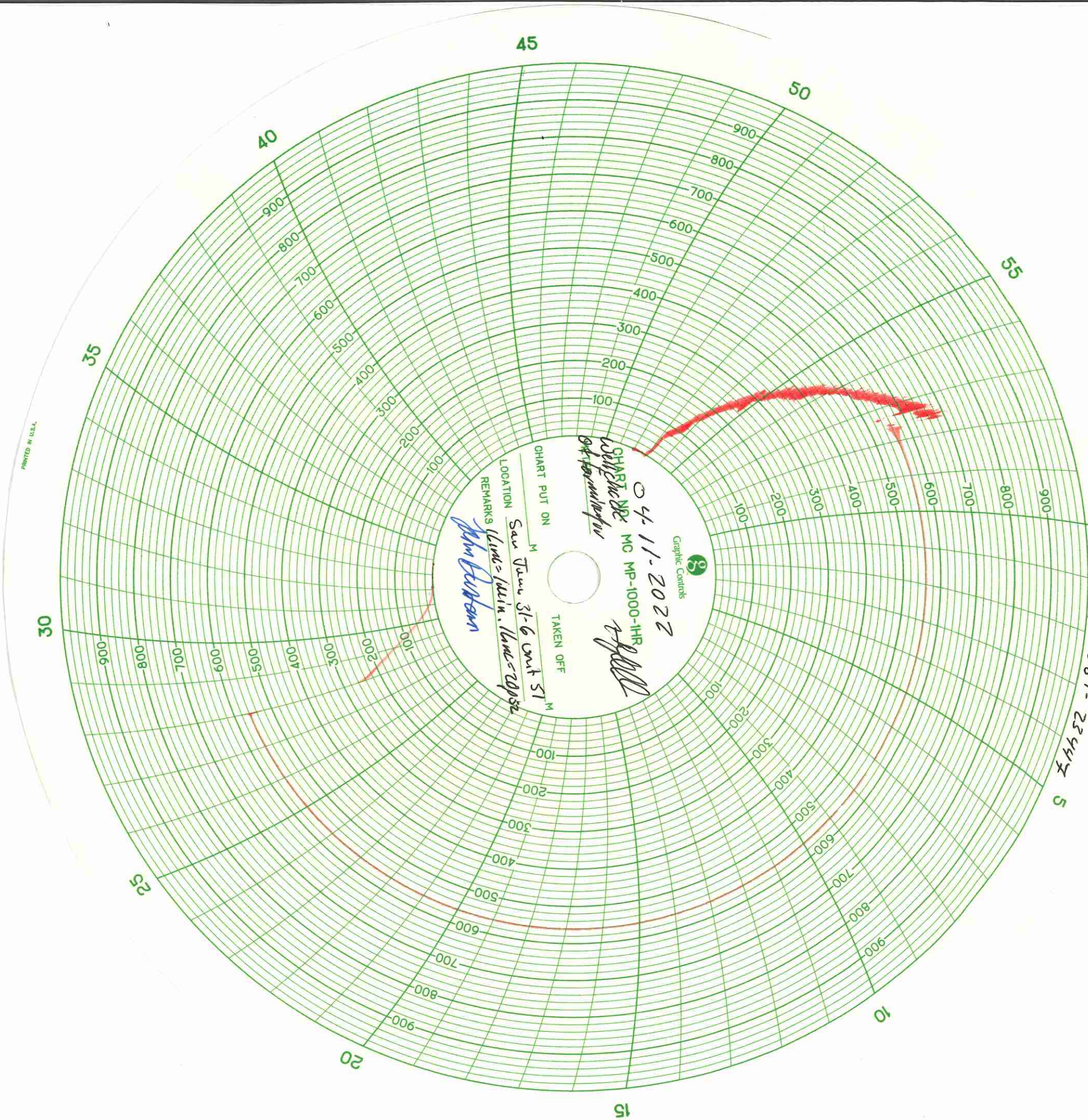
Current Schematic

Well Name: SAN JUAN 31-6 UNIT #51

API / UWI 3003923447	Surface Legal Location 005-030N-006W-K	Field Name DK	Route 1104	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,293.00	Original KB/RT Elevation (ft) 6,305.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



Hilary 5-12 0300
Beck 5-12 0300
APZ 50-034-2344x 5



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

5. Lease Serial No.

NMNM03404

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

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

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

At surface Unit K (NESW), 1520' FSL & 1670' FWL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

7/26/1984

15. Date T.D. Reached

8/3/1984

16. Date Completed

5/15/2022

☐ D & A☒ Ready to Prod.

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

6293'

18. Total Depth:

7859'

19. Plug Back T.D.:

7806'

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" K-55	36#	0	384'	n/a	225 sx			
8 3/4"	7" K-55	20#	0	3545'	n/a	225 sx			
6 1/4"	4 1/2" K-55	10.5 & 11.6#	0	7859'	n/a	375 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"	7680'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout/Lower Menefee	5292'	5694'	1 SPF	.33"	20	open
B) Cliffhouse/Upper Menefee	4864'	5275'	1 SPF	.33"	31	open
C)						
D) TOTAL					51	

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

Depth Interval	Amount and Type of Material
5292'-5694'	Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 54,787 gal of 70 Q slick water, 106,000# 20/40 sand, 1.73M SCF N2
4864'-5275'	Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 44,747 gal of 70 Q slick water, 153,129# 20/40 sand, 1.44M 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
5/15/2022	5/15/2022	24	→	0	494 mcf	0 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	
21/64"	380 psi	500 psi	→	0	494 mcf/d	0 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	2231'	2383'	White, cr-gr ss	Ojo Alamo	2231'
Kirtland	2383'	2735'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2383'
Fruitland	2735'	3340'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2735'
Lewis	3340'	3951'	Shale w/ siltstone stingers	Lewis	3340'
Chacra	3951'	5155'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	3951'
Cliffhouse	5155'	5196'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5155'
Menefee	5196'	5492'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5196'
Point Lookout	5492'	6240'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5492'
Mancos	6240'	6762'	Dark gry carb sh.	Mancos	6240'
Gallup	6762'	7495'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6762'
Greenhorn	7495'	7549'	Highly calc gry sh w/ thin lmst.	Greenhorn	7495'
Graneros	7549'	7661'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7549'
Dakota	7661'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7661'
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 5175. MV PA - NMNM078421A

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 6/1/2022

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: Thursday, June 2, 2022 12:31 PM
To: Kandis Roland
Subject: [EXTERNAL] Well Name: SAN JUAN 31-6 UNIT, Well Number: 51, 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 31-6 UNIT**
- Well Number: **51**
- US Well Number: **3003923447**
- Well Completion Report Id: **WCR2022060284635**

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 113698

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 113698
	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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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 113698

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 113698
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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