

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

Form C-104
Revised August 1, 2011

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

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 30-039-20354	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)		⁶ Pool Code 72319
⁷ Property Code 318837	⁸ Property Name San Juan 29-5 Unit		⁹ Well Number 52

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
G	29	29N	5W		1650	North	1450	East	Rio Arriba

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 2/9/1971	²² Ready Date 5/8/2023	²³ TD MD 8212’	²⁴ PBTD MD 8195’	²⁵ Perforations 5274’-6024’	²⁶ DHC, MC DHC-5285
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
13 3/4”		9 5/8”, 32.3#, H-40		235’	190 sx
8 3/4”		7”, 20#, J-55		4044’	175 sx
6 1/4”		4 1/2”, 10.5 & 11.6#, J-55		8212’	350 sx
		2 3/8”, 4.7#, J-55		8105’	

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 5/8/2023	³³ Test Date 5/8/2023	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 250 psi	³⁶ Csg. Pressure 60 psi
³⁷ Choke Size 28/64”	³⁸ Oil 0	³⁹ Water 0 bwpd	⁴⁰ Gas 36 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: PATRICIA MARTINEZ	
Printed name: Kandis Roland		Title: PETROLEUM SPECIALIST	
Title: Operations Regulatory Tech Sr.		Approval Date: 5/24/2023	
E-mail Address: kroland@hilcorp.com			
Date: 5/15/2023	Phone: (713) 757-5246		

Well Name: SAN JUAN 29-5 UNIT	Well Location: T29N / R5W / SEC 29 / SWNE / 36.699203 / -107.376099	County or Parish/State: RIO ARRIBA / NM
Well Number: 52	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078282	Unit or CA Name: SAN JUAN 29-5 UNIT--DK	Unit or CA Number: NMNM78415B
US Well Number: 3003920354	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2730893

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 05/15/2023

Time Sundry Submitted: 09:32

Date Operation Actually Began: 03/18/2023

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

SR Attachments

Actual Procedure

SJ_29_5_Unit_52_RC_Subsequent_Sundry_20230515093141.pdf

Well Name: SAN JUAN 29-5 UNIT	Well Location: T29N / R5W / SEC 29 / SWNE / 36.699203 / -107.376099	County or Parish/State: RIO ARRIBA / NM
Well Number: 52	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078282	Unit or CA Name: SAN JUAN 29-5 UNIT--DK	Unit or CA Number: NMNM78415B
US Well Number: 3003920354	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 15, 2023 09:31 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: 05/16/2023
Signature: Matthew Kade	

San Juan 29-5 Unit 52
API # 30-039-20354
Recomplete Subsequent Sundry

3/18/23 SIBHP- 0, SIICP-0, SITP- 100, SICP- 105. MIRU. SDFN.

3/20/23 SIBHP- 0, SIICP-0, SITP- 105, SICP- 105. BWD. ND WH, NU BOP. PT BOP, good test. TOOH and scan tbgs. TIH w/ mill to 1670'. SIW. SDFN.

3/21/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 100. BWD. Run Mill to 8001'. TOOH w/ mill. TIH and set **CIBP @ 7959'**. LD tbgs. Load & PT csg to 560 psi. Good Test. SIW. SDFN.

3/22/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. LD tbgs. RU WL. RIH run CBL from CIBP to surface. RU wellcheck. Conduct MIT 575 psi for 30 min witness by John Durham, OCD. Good test. RIH & set **CBP @ 6110'**. POOH. ND WL. PT csg to 2500 psi. Good Test. ND BOP. NU 5K Test Flange. PT 4.5 csg to 4000 psi. Test failed. ND Test Flange, NU BOP. SIW. SDFN.

3/23/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RIH w/ pkr to isolate csg leak at 4195' – 4218'. **Received verbal approval from Monica Kuehling, NMOCD & Kenny Rennick, BLM to perform cement squeeze from 4195'-4218' with a 150' balanced plug. CBL reviewed by Monica Kuehling, NMOCD & Kenny Rennick. Received verbal approval to proceed with recomplete approved NOI'd perf range if csg passes MIT test.** TOOH & LD pkr. TIH to 4269'. Mix and pump a 257' Type III, 1.37 Yield, 14.6 ppg balanced plug from 4012' – 4269'. LD tbgs. SIW. SDFN.

3/24/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 840. BWD. RIH & Tag TOC @ 4084'. D/O cmt from 4084' to 4270'. Circulate well clean. PT csg to 560 psi. Good test. Conduct MIT 575 psi for 30 min witness by Lenny Moore, OCD. Good test. SIW. SDFN.

3/27/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RIH mill to 4400'. TOOH LD mill. SIW. SDFN.

3/28/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU WL. RIH & perf **PT Lookout/Lwr Menefee** w/ .33" diam. 1 SFP @ 5719', 5741', 5755', 5800', 5814', 5847', 5858', 5868', 5890', 5898', 5908', 5917', 5926', 5955', 5959', 5973', 5983', 5996', 6004', 6015', 6024' = **21** holes. RIH & set **frac plug @ 5700'**. POOH. RIH & set **pkp @ 5155'**. RD WL. SIW. SDFN.

3/29/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RIH w/ Tbg. SIW. SDFN.

5/1/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU WL. RU Frac crew.

PT Lookout/Lwr Menefee (5719' – 6024') Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 42,504 gal of 70 Q slick water, 125,076# 20/40 sand, 1.64M SCF N2. Drop balls.

RIH & Perf **Cliffhouse/Upper Menefee** w/.33" diam.- 1 SPF @: 5274', 5304', 5363', 5400', 5441', 5491', 5497', 5508', 5523', 5534', 5542', 5552', 5564', 5570', 5579', 5596', 5608', 5617', 5629', 5646', 5671' = **21** holes. POOH. RD WL. RU Frac crew. Cliffhouse/Upper Menefee (5274' – 5671') Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 42,336 gal of 70 Q slick water, 125,150# 20/40 sand, 1.45M SCF N2. SIW. RD Frac/WL.

5/2/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 850. BWD. MIRU. ND Frac Stack, NU BOP. PT BOP. Good Test. SIW. SDFN.

5/3/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 720 TIH w/ bit. Attempt to D/O **pk**r @ **5155'** and chase down to **5562'**. TOOH w/ tbg. TIH w/ spear tag fill @ 5553'. SIW. SDFN.

5/4/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 620. BWD. C/O well to top of pkr. Sting into pkr. **LD pkr** & fishing tools. C/O well. TIH w/ mill. D/O **frac plug @ 5700'**. SIW. SDFN.

5/5/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 320. BWD. C/O well. TIH w/mill. D/O **CBP @ 6110'**. C/O well. D/O **CBP @ 7959'**. SIW. SDFN.

5/6/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 290. BWD. C/O well. SIW. SDFN

5/7/23 SIBHP- 0, SIICP-0, SITP- 0, SICP- 180. BWD. C/O well. TIH & land 258 jts 2 3/8", 4.7# J-55 **tbg set @ 8105'** with S-Nipple @ 8104'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

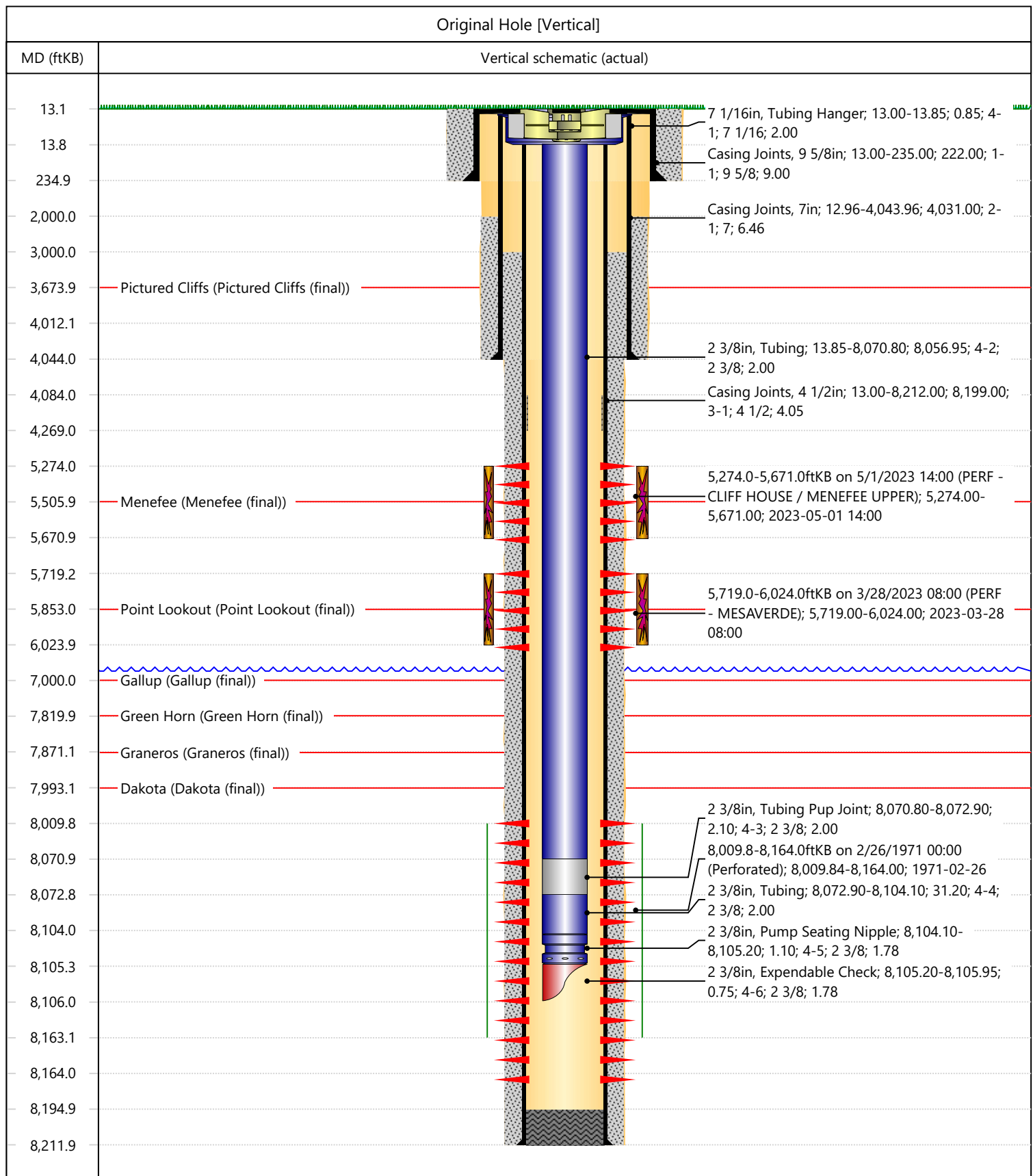
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.

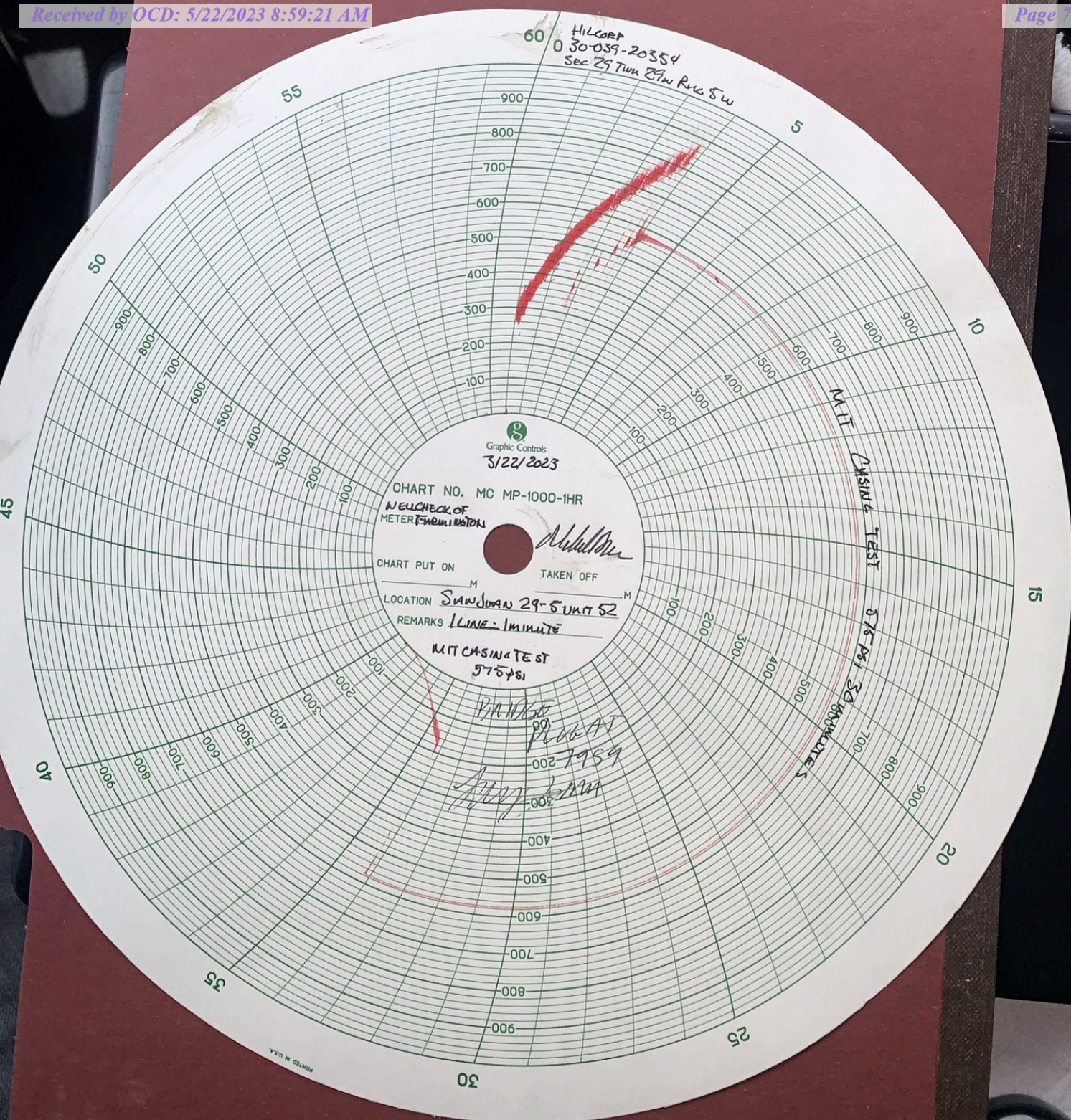


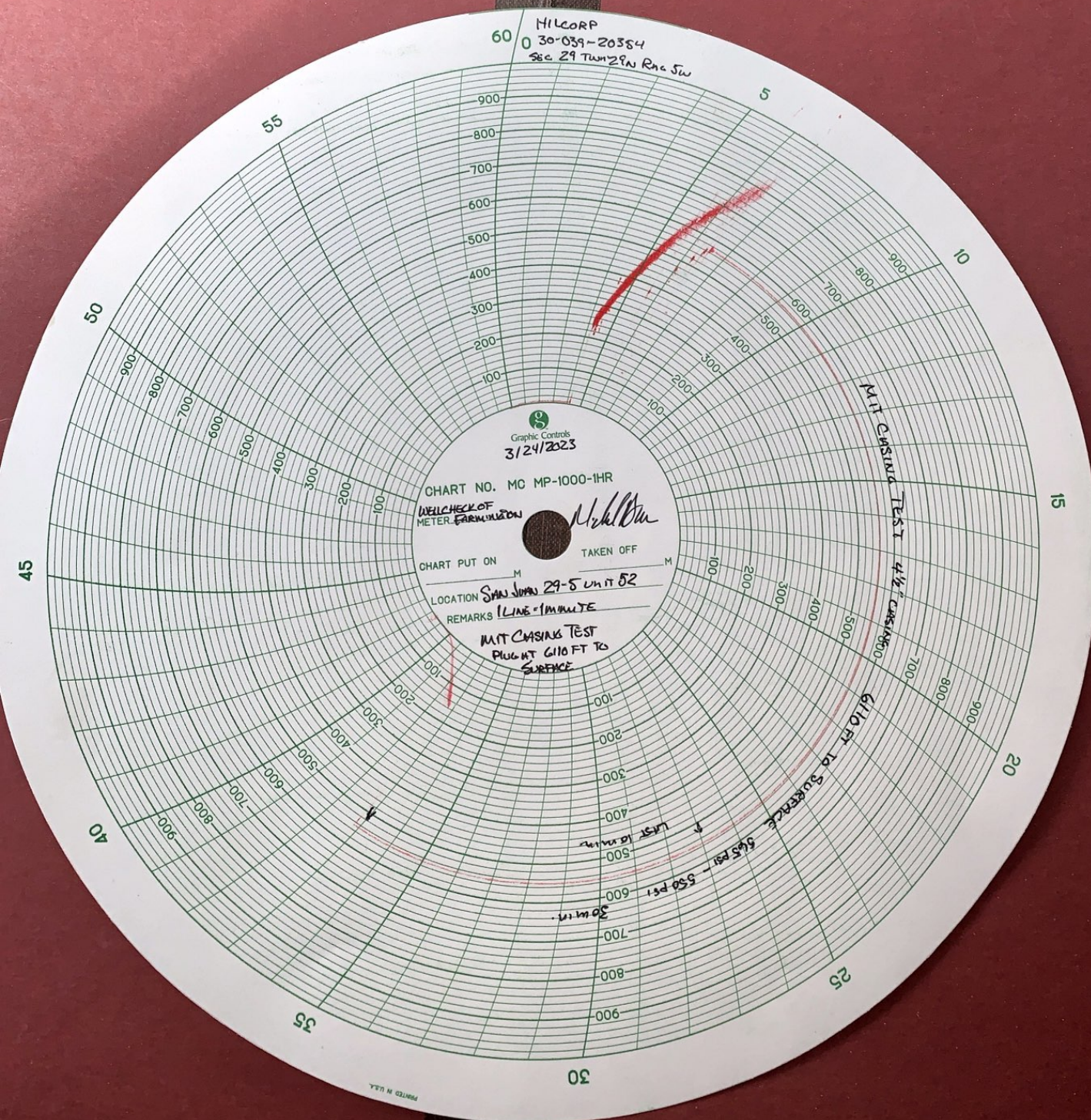
Current Schematic

Well Name: SAN JUAN 29-5 UNIT #52

API / UWI 3003920354	Surface Legal Location 029-029N-005W-G	Field Name DK	Route 1308	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,743.00	Original KB/RT Elevation (ft) 6,756.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	







UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NMSF078282

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 29-5 Unit

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
San Juan 29-5 Unit 52

3. Address **382 Rd 3100, Aztec NM 87410**
3a. Phone No. (include area code) **(505) 333-1700**

9. API Well No.
30-039-20354

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

At surface Unit G (SWNE), 1650' FNL & 1450' FEL,

10. Field and Pool or Exploratory
Blanco Mesaverde

At top prod. Interval reported below

Same as above

11. Sec., T., R., M., on Block and
Survey or Area
Sec. 29, T29N, R5W

At total depth **Same as above**

12. County or Parish **Rio Arriba**
13. State **New Mexico**

14. Date Spudded **2/9/1971**
15. Date T.D. Reached **2/21/1971**
16. Date Completed **5/8/2023**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6743'

18. Total Depth: **8212'**
19. Plug Back T.D.: **8195'**
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
13 3/4"	9 5/8" H-40	32.3#	0	235'	n/a	190 sx			
8 3/4"	7" J-55	20#	0	4044'	n/a	175 sx			
6 1/4"	4 1/2" J-55	10.5 & 11.6#	0	8212'	n/a	350 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"	8105'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout/Lower Menefee	5719'	6024'	1 SPF	.33"	21	open
B) Cliffhouse/Upper Menefee	5274'	5671'	1 SPF	.33"	21	open
C)						
D) TOTAL					42	

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5719-6024	Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 42,504 gal of 70 Q slick water, 125,076# 20/40 sand, 1.64M SCF N2
5274-5671	Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 42,336 gal of 70 Q slick water, 125,150# 20/40 sand, 1.45M SCF N2
4012'-4269'	Mix and pump 257' of Type III, 1.37 Yield, 14.6 ppg cement.

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
5/8/2023	5/8/2023	24	➡	0	36 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	
28/64"	250 psi	60 psi	➡	0	36 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. 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	2888'	3062'	White, cr-gr ss	Ojo Alamo	2888'
Kirtland	3062'	3397'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3062'
Fruitland	3397'	3674'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3397'
Pictured Cliffs	3674'	3781'			3674'
Lewis	3781'	4668'	Shale w/ siltstone stingers	Lewis	3781'
Chacra	4668'	5481'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4668'
Cliffhouse	5481'	5506'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5481'
Menefee	5506'	5853'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5506'
Point Lookout	5853'	6588'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5853'
Mancos	6588'	7000'	Dark gry carb sh.	Mancos	6588'
Gallup	7000'	7820'	Lt. gry to brn calc carb micac gluae silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7000'
Greenhorn	7820'	7871'	Highly calc gry sh w/ thin lmst.	Greenhorn	7820'
Graneros	7871'	7993'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7871'
Dakota	7993'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7993'
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-5285. MV PA - NMNM078415A.

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

5/15/2023

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.

	APD ID	WCR ID	BLM Office	Operator	Well Name	Well Number	US Well Number	Status	
✓	96AIF043AFEF	88096	Farmington	HILCORP ENERGY COMPANY	SAN JUAN 29-5 UNIT	52	3003920354	ACCEPTED	

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 218975

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 218975
	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 218975

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 218975
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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