

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: SAN JUAN 27-4 UNIT 58	Property Code: 319210
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-20386
Pool Name: Basin Mancos	Pool Code: 97232

Section 2 – Surface Location

UL M	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	027N	04W	4	790 South	1190 West	36.52484	-107.29616	Rio Arriba

Section 3 – Completion Information

Producing Method F	Ready Date 7/29/2024	Perforations MD 7,248' – 7,794'	Perforations TVD 7,248' – 7,794'
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): N/A	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Previous to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5402
Production Casing Action ID: Previous to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Previous to system	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Y	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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.	
Name Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 8/7/2024

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: SAN JUAN 27-4 UNIT 58	Property Code: 319210
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-20386
Pool Name: Blanco Mesaverde	Pool Code: 72319

Section 2 – Surface Location

UL M	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	027N	04W	4	790 South	1190 West	36.52484	-107.29616	Rio Arriba

Section 3 – Completion Information

Producing Method F	Ready Date 7/12/2024	Perforations MD 5,746' – 6,479'	Perforations TVD 5,746' – 6,479'
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): N/A	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Previous to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5402
Production Casing Action ID: Previous to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Previous to system	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Y	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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.	
Name Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 8/7/2024

Cheryl Weston

From: blm-afmss-notifications@blm.gov
 Sent: Wednesday, August 7, 2024 2:13 PM
 To: Cheryl Weston
 Subject: [EXTERNAL] Well Name: SAN JUAN 27-4 UNIT, Well Number: 58, Acknowledgement of Submission for Well Completion

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

The Bureau of Land Management

Notice of receiving Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 27-4 UNIT**
- Well Number: **58**
- US Well Number: **3003920386**
- Well Completion Report Id: **WCR2024080792587**

This is to notify you that we have received your Well Completion Report. Thank you. If we need more information we will contact you.

WCR ID	BLM Office	Operator	Well Name	Well Numbe..	US Well Numbe..	Status	Created Date	Date Accepted	Initiator Name
92582	Farmington	HILCORP ENERGY COMPANY	SAN JUAN 27-4 UNIT	58	3003920386	ACCEPTED	2024-08-07 17:58	2024-08-07 18:49	CHERYLENE WESTON

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

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

5. Lease Serial No.
NMSF080670

2. Name of Operator
Hilcorp Energy Company

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

3. Address
382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)
(505) 333-1700

8. Lease Name and Well No.
San Juan 27-4 Unit 58

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit M (SWSW), 790' FSL & 1190' FWL**

10. Field and Pool or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
Sec. 31, T27N, R04W

At top prod. Interval reported below **Same as above**
 At total depth **Same as above**

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

14. Date Spudded
8/11/1971

15. Date T.D. Reached
8/20/1971

16. Date Completed **7/12/2024**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
7,306'

18. Total Depth: **8,536'**

19. Plug Back T.D.: **8,520'**

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" J-55	32.3#	0	232'	n/a	190 sx			
8 3/4"	7" J-55	20#	0	4,351'	n/a	120 sx			
6 1/4"	4 1/2" J-55	11.6#, 10.5#	2,701'	8,536'	n/a	360 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"	8,401'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse/Upper Menefee	5,746'	6,132'	1 SPF	0.33"	26	open
B) Point Lookout/Lower Menefee	6,180'	6,479'	1 SPF	0.33"	24	open
C)						
D)						
TOTAL					50	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse/Upper Menefee	5,746'	6,132'	1 SPF	0.33"	26	open
B) Point Lookout/Lower Menefee	6,180'	6,479'	1 SPF	0.33"	24	open
C)						
D)						
TOTAL					50	

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

Depth Interval	Amount and Type of Material
5746-6132	BDW w/water & 500 gal 15% HCl. Frac @ 60 bpm w/ 70Q N2 foam, 44,604 gal slickwater, 125,187# sand & 1.78M SCF N2
6180-6479	BDW w/water & 500 gal 15% HCl. Frac @ 60 bpm w/ 70Q N2 foam, 44,688 gal slickwater, 125,137# sand & 1.88M 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
7/12/2024	7/12/2024	4	➔	0	220	0	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"	0 psi	90 psi	➔	0	220	0	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			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4255'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,255'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,255'
Menefee		6224'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	6,224'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	6,224'
Mancos			Dark gry carb sh.	Mancos	
Gallup	7,328'	8178'	Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7,328'
Greenhorn	8,178'		Highly calc gry sh w/ thin lmst.	Greenhorn	8,178'
Graneros	8,233'	8365'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	8,233'
Dakota	8,365'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8,365'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well produced as a standalone MV from 7/12/2024 to 7/24/2024. The well began producing as a MV/MC/DK trimmingle per DHC-5402 as of 7/29/2024. MV PA NMNM78408A.

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) Cherylene Weston Title Operations/Regulatory Technician
 Signature Cherylene Weston Date 8/7/2024

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.

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

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

5. Lease Serial No.
NMSF080670

2. Name of Operator
Hilcorp Energy Company

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

3. Address
382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)
(505) 333-1700

8. Lease Name and Well No.
San Juan 27-4 Unit 58

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit M (SWSW), 790' FSL & 1190' FWL**

10. Field and Pool or Exploratory
Basin Mancos

11. Sec., T., R., M., on Block and Survey or Area
Sec. 31, T27N, R04W

At top prod. Interval reported below **Same as above**
 At total depth **Same as above**

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

14. Date Spudded
8/11/1971

15. Date T.D. Reached
8/20/1971

16. Date Completed **7/29/2024**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
7,306'

18. Total Depth: **8,536'**

19. Plug Back T.D.: **8,520'**

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" J-55	32.3#	0	232'	n/a	190 sx			
8 3/4"	7" J-55	20#	0	4,351'	n/a	120 sx			
6 1/4"	4 1/2" J-55	11.6#, 10.5#	2,701'	8,536'	n/a	360 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"	8,401'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Upper Mancos	7,248'	7,442'	1 SPF	0.35"	26	open
B) Lower Mancos	7,455'	7,794'	1 SPF	0.35"	27	open
C)						
D)						
TOTAL					53	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Upper Mancos	7,248'	7,442'	1 SPF	0.35"	26	open
B) Lower Mancos	7,455'	7,794'	1 SPF	0.35"	27	open
C)						
D)						
TOTAL					53	

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

Depth Interval	Amount and Type of Material
7248-7442	BDW w/water & 500 gal 15% HCl. Frac @ 45 bpm w/ 60Q N2 foam, 58,212 gal slickwater, 88,468# sand & 2.44M SCF N2
7455-7794	BDW w/water & 500 gal 15% HCl. Frac @ 45 bpm w/ 60Q N2 foam, 56,616 gal slickwater, 75,696# sand & 2.34M 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
7/29/2024	7/29/2024	4	➔	0	464	0	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"	0 psi	90 psi	➔	0	464	0	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			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4255'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,255'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,255'
Menefee		6224'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	6,224'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	6,224'
Mancos			Dark gry carb sh.	Mancos	
Gallup	7,328'	8178'	Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7,328'
Greenhorn	8,178'		Highly calc gry sh w/ thin lmst.	Greenhorn	8,178'
Graneros	8,233'	8365'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	8,233'
Dakota	8,365'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8,365'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

The well is producing as a MV/MC/DK trimmingle per DHC-5402.

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) Cherylene Weston Title Operations/Regulatory Technician
 Signature Cherylene Weston Date 8/7/2024

Well Name: SAN JUAN 27-4 UNIT	Well Location: T27N / R4W / SEC 31 / SWSW / 36.524841 / -107.296158	County or Parish/State: RIO ARRIBA / NM
Well Number: 58	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080670	Unit or CA Name: SAN JUAN 27-4 UNIT--DK	Unit or CA Number: NMNM78408B
US Well Number: 3003920386	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2805551

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 08/07/2024

Time Sundry Submitted: 10:48

Date Operation Actually Began: 05/23/2024

Actual Procedure: The subject well was recompleted into the Mesaverde/Mancos formations and downhole commingled with existing Dakota. Please see attached reports.

SR Attachments

Actual Procedure

San_Juan_27_4_Unit_58_RC_Sundry_20240807104729.pdf

Well Name: SAN JUAN 27-4 UNIT

Well Location: T27N / R4W / SEC 31 /
SWSW / 36.524841 / -107.296158

County or Parish/State: RIO
ARRIBA / NM

Well Number: 58

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF080670

Unit or CA Name: SAN JUAN 27-4
UNIT--DK

Unit or CA Number:
NMNM78408B

US Well Number: 3003920386

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: CHERYLENE WESTON

Signed on: AUG 07, 2024 10:47 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

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Field

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BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

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Disposition: Accepted

Disposition Date: 08/07/2024

Signature: Kenneth Rennick



Well Operations Summary L48

Well Name: SAN JUAN 27-4 UNIT #58

API: 3003920386	Field: BASIN DAKOTA (PRORATED GAS)	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: DWS 32

Jobs

Actual Start Date: 5/23/2024 **End Date:** 7/28/2024

Report Number 1	Report Start Date 5/23/2024	Report End Date 5/23/2024
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Operation

GATHER RIG SUPPLIES, TRAVEL FROM DRAKE YARD TO WELLSITE
 PRE RIG MOVE SAFETY MEETING, DISCUSSED MOVING EQUIPMENT, GOOD HAND SIGNALS AND BEING AWARE OF YOUR SURROUNDINGS
 MOBILIZE RIG 21 MILES TO WELLSITE FROM PREVIOUS WELL, ALL DIRT ROAD
 RIG UP
 BD 5 MIN, NIPPLE DOWN WELLHEAD, NIPPLE UP BOP, FUNCTION BOP GOOD, NEGATIVE PRESSURE TEST GOOD, PULL TUBING HANGER, TAG FILL @ 8509' (11' FILL)
 SCAN OUT OF HOLE, DOWNGRADE 9 JOINTS TUBING TO BLUE BAND, DOWNGRADE 6 JOINTS TO RED BAND, TOTAL SCANNED OUT OF HOLE 270 JOINTS, DOWNGRADES DUE TO CORROSION AND EROSION
 PICK UP 3-7/8" STRING MILL WITH BIT, TALLY IN HOLE 65 STANDS
 SHUT IN WELL SECURE FOR NIGHT

Report Number 2	Report Start Date 5/24/2024	Report End Date 5/24/2024
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Operation

GATHER RIG SUPPLIES, TRAVEL FROM DRAKE YARD TO WELLSITE
 PRE JOB SAFETY MEETING, DISCUSS TRIPPING PIPE AND ASSOCIATED HAZARDS, RECORD WELLHEAD PRESSURES, BRADENHEAD 0 PSI, INTERMEDIATE CASING 0 PSI, PRODUCTION CASING 110 PSI, TUBING 0 PSI, BD 5 MINUTES
 TRIP IN HOLE TO 8231' WITH STRING MILL AND 3-7/8" BIT
 TRIP OUT OF HOLE WITH MILL AND BIT
 TRIP IN HOLE WITH CIBP, SET @ 8216', STING OUT
 PRESSURE TEST CASING/CIBP TO 650 PSI, GOOD PRESSURE TEST
 TRIP OUT OF HOLE, LAY DOWN RUNNING TOOL
 SHUT IN SECURE WELL

Report Number 3	Report Start Date 5/25/2024	Report End Date 5/25/2024
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Operation

GATHER RIG SUPPLIES, TRAVEL FROM DRAKE YARD TO WELLSITE
 PRE JOB SAFETY MEETING, DISCUSS RIGGING LOGGERS UP AND DOWN, BRADENHEAD PRESSURE 0 PSI, INTERMEDIATE CASING PRESSURE 0 PSI, PRODUCTION CASING PRESSURE 0 PSI, TUBING NOT IN HOLE, BD 0 MIN
 RIG UP BASIN WIRELINE LOGGING SERVICES, RUN BOND LOG FROM TOP OF CIBP @ 8216' TO SURFACE, TOP OF CEMENT @ 2790', RIG DOWN BASIN
 SHUT IN WELL, SECURE FOR WEEKEND

Report Number 4	Report Start Date 5/28/2024	Report End Date 5/28/2024
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Operation

CREW TRAVEL TO LOCATION.
 AOL, WARM UP EQUIPMENT. CHECK WELL PRESSURES. PJSM. SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. NO PRESSURE ON WELL, NO NEED TO BDW.
 WAIT ON STATE REPRESENTATIVE FOR WITNESSED MIT.
 MIRU WELLCHECK PRESSURE TEST TRUCK. PERFORM STATE WITNESSED BRADEN HEAD TEST AND MIT. PT CASING TO 550 PSI. GOOD TEST.
 PRESSURE TEST CSG TO 2,500 PSI. GOOD TEST. R/D TEST TRUCK.
 M/U 4-1/2" RBP AND TIH FROM DERRICK.
 SET RBP @ 5,700'. L/D 2 JOINTS. LAND TUBING WITH HANGER. RUN IN LOCK DOWN PINS AND SECURE HANGER.
 R/U WELLCHECK TEST TRUCK. PRESSURE TEST CSG FROM 5,700' TO SURFACE TO 4K. HOLD FOR 30 MIN. GOOD TEST. BLEED OFF PRESSURE.
 RDMO WELLCHECK TEST TRUCK.
 P/U 2 JOINTS AND LATCH RBP. POOH WHILE LAYING DOWN 120 JOINTS.
 SIW, SECURE LOCATION, SDFN.
 CREW TRAVEL TO YARD.

Report Number 5	Report Start Date 5/29/2024	Report End Date 5/29/2024
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Operation

CREW TRAVEL TO LOCATION.
 AOL, WARM UP EQUIPMENT. CHECK WELL PRESSURES. PJSM. SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. NO PRESSURE ON WELL, NO NEED TO BDW.
 POOH WHILE L/D TUBING.
 N/D BOP. N/D 3K TUBING HEAD. N/U 5K TUBING HEAD. PRESSURE TEST VOID TO 2,500 PSI. GOOD TEST. N/U BOP.
 RIH WITH REMAINING TUBING IN DERRICK AND L/D ONTO TUBING FLOAT.
 TOP OFF WELL. N/D BOP AND N/U 5K NIGHT CAP.
 RIG DOWN RIG AND RELATED EQUIPMENT. RELEASE RIG TO THE SAN JUAN 28-7 UNIT #130F.
 CEW TRAVEL TO YARD.



Well Operations Summary L48

Well Name: SAN JUAN 27-4 UNIT #58

API: 3003920386	Field: BASIN DAKOTA (PRORATED GAS)	State: NEW MEXICO
	Sundry #:	Rig/Service: DWS 32

Report Number 6	Report Start Date 6/10/2024	Report End Date 6/10/2024
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Operation

SPOT IN BIG RED TOOL AND WELLCHECK. NIPPLE DOWN NIGHTCAP, NIPPLE UP FRAC STACK AND TEST TO 5K PSI. RELEASE PRESSURE AND REMOVE BPV.

Report Number 7	Report Start Date 6/23/2024	Report End Date 6/23/2024
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Operation

RIG UP BASIN WIRELINE. RIH, **PERFORATE STAGE 1 MANCOS @ 7455' - 7794' 0.35" DIA, 1 SPF (27 HOLES)**. POOH.

RIG UP FRAC CREW. PRIME, COOL DOWN, TEST, SAFETY MEETING.

FRAC STAGE 1: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D MANCOS WITH 75,696 LBS 20/40 ARIZONA AND 56,616 GAL SLICKWATER AND 2.34 MILLION SCF N2. 60 QUALITY. AVG RATE = 45 BPM, AVG PSI = 3,323. ISIP WAS 1,458 PSI. (1,180 PSI IN 5 MINUTES). HAD TO CUT THE STAGE SHORT DUE TO INCREASING PRESSURE (76% OF DESIGNED SAND PUMPED).

RIG UP WIRELINE. RIH, **SET PLUG AT 7,450'. PERFORATE STAGE 2 MANCOS @ 7248' 7442', 0.35" DIA, 1 SPF (26 HOLES)**. POOH.

FRAC STAGE 2: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D UPPER MANCOS WITH 88,468 LBS 20/40 ARIZONA AND 58,212 GAL SLICKWATER AND 2.44 MILLION SCF N2. 60 QUALITY. AVG RATE = 45 BPM, AVG PSI = 3,241 PSI. ISIP WAS 1,865 PSI. (1,430 PSI IN 5 MINUTES). CUT STAGE SHORT DUE TO INCREASING PRESSURE (88% OF DESIGNED SAND AWAY).

SIW, SECURE LOCATION, SDFN.

Report Number 8	Report Start Date 6/24/2024	Report End Date 6/24/2024
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Operation

RIG UP WL. RIH, **SET BRIDGE PLUG AT 6,510'. PERFORATE STAGE 3 POINT LOOKOUT / LOWER MENEFFEE @ 6180' - 6479', 0.33" DIA, 1 SPF (24 HOLES)**.

RIG UP FRAC CREW. PRIME, COOL DOWN, TEST, SAFETY MEETING.

FRAC STAGE 3: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D PT LOOKOUT WITH 125,137 LBS 20/40 ARIZONA AND 44,688 GAL SLICKWATER AND 1.88 MILLION SCF N2. 70 QUALITY. AVG RATE = 60 BPM, AVG PSI = 2,481. ISIP WAS 41 PSI.

RIG UP WL. RIH, **SET BRIDGE PLUG AT 6,150' AND PERF STAGE 3 CLIFFHOUSE / UPPER MENEFFEE @ 5746' - 6132', 0.33" DIA, 1 SPF (26 HOLES)**. POOH.

FRAC STAGE 4: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D CLIFFHOUSE / MENEFFEE WITH 125,187 LBS 20/40 ARIZONA AND 44,604 GAL SLICKWATER AND 1.78 MILLION SCF N2. 70 QUALITY. AVG RATE = 56.6 BPM, AVG PSI = 2,529 PSI. ISIP WAS 789 PSI (5 MIN - 467 PSI). DROPPED RATE A COUPLE TIMES DUE TO PRESSURE TREND. ALL DESIGNED SAND PUMPED.

RIH, **SET CBP AT 5,563'**. BLEED OFF, PLUG HOLDING.

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 4,908 BBLS (INCLUDING 24 BBLS OF ACID). TOTAL SAND = 414,488 LBS. TOTAL N2 = 8.44 MILLION SCF.

Report Number 9	Report Start Date 6/25/2024	Report End Date 6/25/2024
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Operation

TRAVEL TO S.J. 28-7 #236 WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREWS.

START RIG MOVE OPERATIONS. MOBILIZED HEC RIG EQUIPMENT FROM THE S.J. 28-7 #236 TO THE S.J. 27-4 #56 WELLSITE (116.0 MILE MOVE). LEASE ROADS ROUGH.

MOVE IN, RIG UP BIG RED SERVICES. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. NO PRESSURE ON WELL, KILL PLUG IS HOLDING.

INSTALL 2-WAY CHECK. NIPPLE DOWN FRAC STACK ASSEMBLY.

RIG DOWN, RELEASE BIG RED SERVICES.

RIG UP SERVICE UNIT. CONTINUED TO MOVE IN RIG EQUIPMENT. LEASE ROAD VERY ROUGH AND LOCATION IS CONGESTED, CNJ MOVING OUT FRAC TANKS. STAGE IN EQUIPMENT, SLOWING OPERATIONS DOWN.

CHECK WELL PRESSURES. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. NO PRESSURE, KILL PLUG HOLDING.

NIPPLE UP BOP ASSEMBLY, FUNCTION TEST BOP. TEST GOOD.

PRESSURE TEST BOP. TESTED BLIND RAMS TO 250 PSI LOW AND 2,500 PSI HIGH (GOOD). TESTED 2 3/8" PIPE RAMS TO 250 PSI LOW AND 2,500 PSI HIGH (GOOD).

CHARTED BY WELLCHECK SERVICES.

MEASURE & MAKE UP 4 1/2" BRIDGE PLUG MILLING ASSEMBLY:
1- 3.875" O.D. (1.25" I.D.) X 2.18' 5-BLADE JUNK MILL (2.18').
1- 3.125" O.D. (1.0" I.D.) X 1.40' BIT SUB (1.40').

2 3/8" 4.7# J-55 WELL/WORK STRING TUBING FROM TUBING FLOAT.

TALLY & TRIP IN WITH 2 3/8" WELL TUBING. TRIPPED TO 3,121', WILL UNLOAD WELL AT THIS DEPTH. (1ST CBP AT 5,563' WLM).

SHUT IN, SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE NIGHT.

CREW TRAVEL TO YARD.

Report Number 10	Report Start Date 6/26/2024	Report End Date 6/26/2024
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Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREW.

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Well Operations Summary L48

Well Name: SAN JUAN 27-4 UNIT #58

API: 3003920386

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 32

Operation

CHECK WELL PRESSURES. SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. NO PRESSURE, KILL PLUG HOLDING.

RIG UP TUBING SWIVEL ASSEMBLY. PREPARE TO UNLOAD WELL.

RIG UP & TEST AIR UNIT LINES TO 1,500 PSI. TEST GOOD.

START AIR UNIT AT 1,200 CFM AT 400 TO 700 PSI WITHOUT MIST. UNLOAD 35 BBLs OF FRAC FLUID.

CONTINUE TO TALLY & TRIP IN WITH 2 3/8" WELL TUBING. TAGGED CIBP AT 5,564'. (1ST CBP).

RIG UP POWER SWIVEL ASSEMBLY. PREPARE TO BEGIN MILLING/CLEANOUT OPERATIONS.

START AIR UNIT AT 1,200 CFM AT 600 TO 1,300 PSI WITHOUT MIST. UNLOADED 35 BBLs FLUID ABOVE CBP. START MIST AT 15 BPH. **START MILLING ON CBP AT 5,563'**. MILLED OUT PLUG IN 1 HR. MADE PLUG PARTS & SAND FILL AT 1/4 BUCKET DOWN TO A CUP. HAD STRONG RETURNS TO TANK AFTER CUTTING TOP OFF PLUG. CIRCULATED UNTIL RETURNS WERE REDUCED. CONTINUE TRIP INTO WELL, TAGGED SAND/DEBRIS FILL AT 6,050', **CBP AT 6,150'**. **CONTINUE CLEAN OUT/MILLING OPERATIONS. MILLED OUT 2ND CBP** IN 1 1/4 HRS. MAKING PLUG PIECES & SAND AT 4 CUPS DOWN TO 1/4 CUP. MADE ADDITIONAL WATER AT 10 -30 BBLs PER HOUR OVER THE MIST RATE. CIRCULATED UNTIL THE RETURNS WERE CLEANER. CONTINUE TRIP INTO WELL AND TAGGED FILL/PLUG PARTS AT 6,397'. WILL SHUTDOWN CLEANOUT OPERATIONS FOR THE EVENING.

1 - 3 GAL PER 10 BBLs: CL-299 (CORROSION INHIBITOR).

1 - 1 1/2 GAL PER 10 BBLs: F-86 (FOAMER).

SHUTDOWN AIR/MIST. HANG BACK POWER SWIVEL ASSEMBLY. PULL TUBING/MILL ABOVE MESA VERDE PERFS TO TO 5,570'.

SHUT IN, SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE NIGHT.

CREW TRAVEL TO YARD.

Report Number

11

Report Start Date

6/27/2024

Report End Date

6/27/2024

Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREW.

CHECK WELL PRESSURES. SITP-400 PSI. SICP-900 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN & BLOWDOWN WELL IN 20 MINUTES.

TRIP IN WITH 2 3/8" WELL TUBING FROM THE DERRICK. TAGGED SAND FILL AT 6,350'.

RIG UP POWER SWIVEL ASSEMBLY. PREPARE TO CONTINUE MILLING/CLEANOUT OPERATIONS.

START AIR UNIT AT 1,200 CFM AT 600 TO 1,300 PSI WITHOUT MIST. UNLOADED 15 BBLs WELL FLUID FROM CASING. START MIST AT 15 BPH. **START CLEANING DOWN TO 3RD CBP AT 6,510'**. MAKING PLUG PARTS & SAND AT 4 CUPS DOWN TO 1/4 CUP. MADE ADDITIONAL WATER AT 10 -30 BBLs PER HOUR OVER THE MIST RATE. CIRCULATED UNTIL THE RETURNS WERE CLEAN REDUCED.

1 - 3 GAL PER 10 BBLs: CL-299 (CORROSION INHIBITOR).

1 - 1 1/2 GAL PER 10 BBLs: F-86 (FOAMER).

SHUTDOWN AIR UNIT. RIG DOWN POWER SWIVEL ASSEMBLY.

START TRIP OUT OF THE WELL WITH TUBING/MILL ASSEMBLY. STAND BACK TUBING INTO DERRICK.

LIGHTNING & RAIN STORM MOVED INTO AREA.

WILL SUSPEND OPERATIONS FOR THE EVENING.

SHUT IN, SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE NIGHT.

CREW TRAVEL TO YARD. LEASE ROAD BECAME VERY MUDDY, HAD A DIFFICULT TIME DRIVING OUT TO MAIN ROAD.

Report Number

12

Report Start Date

6/28/2024

Report End Date

6/28/2024

Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0700 HOURS. LEASE ROADS MUDDY FROM OVERNIGHT RAIN STORM.

PJSA WITH CREW.

CHECK WELL PRESSURES. SITP-0 PSI (STRING FLOAT). SICP-800 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN & BLOWDOWN WELL IN 20 MINUTES.

CONTINUE TRIP OUT OF THE WELL WITH TUBING/MILL ASSEMBLY. KILL CASING WITH 30 BBLs TO PULL LAST 12 STANDS FROM WELL.

MAKE UP 2 3/8" PRODUCTION BHA. PREPARE DRIFTING TOOLS. PREPARE TO TRIP IN DRIFTING TUBING.

1- 2 3/8" PUMP OUT CHECK (.50').

1- 2 3/8" SEAT NIPPLE 1.78" I.D. (1.10').

1- 2 3/8" 4.7# J-55 YELLOW BAND TBG JNT (30.48').

1- 2 3/8" 4.7# J-55 PUP JNT MARKER (2.20').

TRIP INTO WELL DRIFTING 2 3/8" PRODUCTION TUBING TO 6,4514'. NO NEW FILL TAGGED. PULL TO LANDING DEPTH AT 6,448.86'.

INSTALL TUBING HANGER & LAND. PRODUCTION TBG LANDED AT 6,448.86 K.B. (11.0' K.B.). TOP OF 1.78" I.D. SEAT NIPPLE AT 6,447.26' K.B.

1- 2 3/8" PUMP OUT CHECK (.50')

1- 2 3/8" (1.78" I.D.) SEAT NIPPLE (1.10').

1- 2 3/8" 4.7# J-55 TBG JNT YELLOW BAND (30.48').

1- 2 3/8" 4.7# PUP JNT MARKER (2.20').

206- 2 3/8" 4.7# J-55 TBG JNTS YELLOW BAND (6,402.63').

1- 7 1/6" X 5K TBG HANGER WITH SEAL SLEEVE (.95').

RIG DOWN FLOOR & TUBING TOOLS. NIPPLE DOWN BOP ASSEMBLY. NIPPLE UP WELLHEAD WITH SEAL SLEEVE PREP.

RIG UP AIR UNIT TO TUBING HEAD.



Well Operations Summary L48

Well Name: SAN JUAN 27-4 UNIT #58

API: 3003920386

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 32

Operation

PUMP 3 BBLs WATER WITH 5 GALS CORROSION INHIBITOR. START AIR UNIT AT +/- 1,200 CFM. TEST TUBING STRING TO 550 PSI. TEST GOOD. RESTART AIR UNIT & PUMP OFF CHECK AT 1,325 PSI. CONTINUE WITH AIR/MIST/CORROSION INHIBITOR AND UNLOAD WELL FLUID. FLOWING TO TANK.

SHUTDOWN AIR UNIT. RIG DOWN AIR UNIT OFF TUBING HEAD. LET CASING FLOW. THEN FLOW TUBING.

RIG DOWN RIG AND ALL EQUIPMENT. PREPARE RIG EQUIPMENT FOR RIG MOVE. SHUT IN WELL.

SHUTDOWN OPERATIONS FOR THE EVENING. WILL MOVE TO THE S.J. 28-6 #184 FOR FRAC PREP OPERATIONS ON 7-1-24.

MESA VERDE CLEANOUT OPERATIONS COMPLETE. WILL MOVE IDEAL SERVICES FOR REMAINING OPERATIONS.

MOVED SERVICE RIG & DOGHOUSE OFF WELLSITE TO AREA OFF OF THE MESA. CREW TRAVEL TO YARD.

Report Number 13	Report Start Date 6/28/2024	Report End Date 7/2/2024
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Operation

MOVE IN AND SPOT IDEAL COMPLETION EQUIPMENT. R/U SEPARATION EQUIPMENT. FLOW BACK WELL TO FLARE AND SALES. HAD TO SHUT IN WELL TO WAIT ON METER TO BE INSTALLED. RIG DOWN IDEAL COMPLETION EQUIPMENT. (OPENED WELL 6/28 @ 21:00, SHUT IN ON 7/2 @ 04:00).

Report Number 14	Report Start Date 7/3/2024	Report End Date 7/3/2024
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Operation

CREW TRAVEL TO STAGING AREA ON HWY #64. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREW. SERVICE & START RIG.

MOVE SERVICE RIG TO THE S.J. 27-4 #58 WELLSITE (106 MILES).

WAIT ON CNJ TRUCKING SERVICES TO EMPTY BOTTOMS, LOAD & MOVE OUT REMAINING FRAC TANKS ON WELLSITE.

SPOT IN AND RIG UP SERVICE UNIT.

CHECK WELL PRESSURES. SITP-710 PSI. SICP-820 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN & BLOWDOWN WELL IN 60 MINUTES TO A STEADY FLOW TO TANK.

MOVE IN, RIG UP WELLCHECK SERVICES. KILL TUBING PRESSURE WITH 20 BBLs OF BIOCIDAL WATER. INSTALL 2-WAY CHECK INTO TUBING HANGER.

NIPPLE DOWN WELLHEAD. NIPPLE UP BOP ASSEMBLY, FUNCTION TEST BOP. TEST GOOD.

PRESSURE TEST BOP. TESTED BLIND RAMS TO 250 PSI LOW AND 2,500 PSI HIGH (GOOD). TESTED 2 3/8" PIPE RAMS TO 250 PSI LOW AND 2,500 PSI HIGH (GOOD).

CHARTED BY WELLCHECK.

RIG UP FLOOR & TUBING TOOLS. PULL TUBING HANGER TO THE FLOOR AT 29,000 LBS. RIG UP & LUBRICATE OUT 2-WAY CHECK. RIG DOWN, MOVE OUT WELLCHECK SERVICES. LAYDOWN TUBING HANGER.

TRIP OUT OF WELL WITH 2 3/8" PRODUCTION TUBING, STAND BACK INTO THE DERRICK.

SHUT IN, SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE NIGHT.

CREW TRAVEL TO YARD.

Report Number 15	Report Start Date 7/8/2024	Report End Date 7/8/2024
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Operation

TRAVEL FROM HILCORP YARD TO WELLSITE

PRE JOB SAFETY MEETING, DISCUSS TRIPPING PIPE, RECORD WELLHEAD PRESSURES, BRADENHEAD 0 PSI, INTERMEDIATE CASING 0 PSI, PRODUCTION CASING 840 PSI, TUBING N/A, BD 10 MIN

PUMP 30 BBLs FRESH WATER KILL, TRIP IN WITH 3-7/8" MILL AND FLOAT SUB TO 5542'

WAIT ON WRITTEN PERMISSION TO DRILL THE MANCOS PLUGS, PERFORM ROUTINE MAINTENANCE ON RIG EQUIPMENT WHILE WAITING, SISW, DEBRIEF RIG CREW

TRAVEL TO HEC YARD

Report Number 16	Report Start Date 7/11/2024	Report End Date 7/11/2024
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Operation

CREW TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREW.

CHECK WELL PRESSURES. SITP-0 PSI (STRING FLOAT). SICP-760 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN & BLOWDOWN WELL IN 20 MINUTES TO A STEADY FLOW TO TANK.

START & SERVICE RIG & EQUIPMENT.

TRIP OUT OF WELL WITH JUNK MILL & 2 3/8" WELL TUBING, STAND BACK INTO THE DERRICK.

KILL CASING WITH 20 BBLs TO PULL LAST 10 STANDS FROM WELL.

MAKE UP 2 3/8" PRODUCTION BHA. PREPARE DRIFTING TOOLS. PREPARE TO TRIP IN DRIFTING TUBING.

1- 2 3/8" PUMP OUT CHECK (.50').

1- 2 3/8" SEAT NIPPLE 1.78" I.D. (1.10').

1- 2 3/8" 4.7# J-55 YELLOW BAND TBG JNT (30.48').

1- 2 3/8" 4.7# J-55 PUP JNT MARKER (2.20').



Well Operations Summary L48

Well Name: SAN JUAN 27-4 UNIT #58

API: 3003920386

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 32

Operation

TRIP INTO WELL DRIFTING 2 3/8" PRODUCTION TUBING. TAGGED SAND FILL AT 6,345', DESIRED LANDING DEPTH AT 6,448.86'. WILL NEED TO CLEANOUT FILL.

RIG UP TUBING SWIVEL ASSEMBLY. RIG UP AIR UNIT LINES.

TEST AIR UNIT LINES TO 1,500 PSI. TEST GOOD. START AIR UNIT AT 1,200 CFM AT 600 TO 1,300 PSI WITHOUT MIST. UNLOADED 25 BBLS WELL FLUID FROM CASING. START MIST AT 15 BPH. START CLEANING OUT SAND FILL DOWN TO 3RD CBP AT 6,510'. MAKING SAND AT 2 CUPS DOWN TO 1/4 CUP. MADE ADDITIONAL WATER AT 10 -30 BBLS PER HOUR OVER THE MIST RATE. CIRCULATED UNTIL THE RETURNS WERE CLEAN REDUCED.

1 - 3 GAL PER 10 BBLS: CL-299 (CORROSION INHIBITOR).

1 - 1 1/2 GAL PER 10 BBLS: F-86 (FOAMER).

SHUTDOWN AIR/MIST. PULL TUBING TO LANDING DEPTH AT 6,448'.

INSTALL TUBING HANGER & LAND. PRODUCTION TBG LANDED AT 6,448.86 K.B. (11.0' K.B.). TOP OF 1.78" I.D. SEAT NIPPLE AT 6,447.26' K.B.

1- 2 3/8" PUMP OUT CHECK (.50')

1- 2 3/8" (1.78" I.D.) SEAT NIPPLE (1.10').

1- 2 3/8" 4.7# J-55 TBG JNT YELLOW BAND (30.48').

1- 2 3/8" 4.7# PUP JNT MARKER (2.20').

206- 2 3/8" 4.7# J-55 TBG JNTS YELLOW BAND (6,402.63').

1- 7 1/6" X 5K TBG HANGER WITH SEAL SLEEVE (.95').

RIG DOWN FLOOR & TUBING TOOLS. NIPPLE DOWN BOP ASSEMBLY. NIPPLE UP WELLHEAD WITH SEAL SLEEVE PREP.

RIG UP AIR UNIT TO TUBING HEAD.

PUMP 3 BBLS WATER WITH 5 GALS CORROSION INHIBITOR. START AIR UNIT AT +/- 1,200 CFM. TEST TUBING STRING TO 550 PSI. TEST GOOD. RESTART AIR UNIT & PUMP OFF CHECK AT 825 PSI. CONTINUE WITH AIR/MIST/CORROSION INHIBITOR AND UNLOAD WELL FLUID. FLOWING TO TANK.

SHUTDOWN AIR UNIT. RIG DOWN AIR UNIT OFF TUBING HEAD. LET CASING FLOW. THEN FLOW TUBING.

RIG DOWN RIG AND ALL EQUIPMENT. PREPARE RIG EQUIPMENT FOR RIG MOVE. SHUT IN WELL.

SHUTDOWN OPERATIONS FOR THE EVENING. WILL MOVE TO THE S.J. 29-1 #127 FOR AFTER FRAC RECOMPLETION OPERATIONS ON 7-12-24.

MESA VERDE CLEANOUT OPERATIONS COMPLETE. **WAIT FOR DHC APPROVAL.**

CREW TRAVEL TO YARD.

Report Number 17	Report Start Date 7/24/2024	Report End Date 7/24/2024
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Operation

DROVE TO LOCATION.

PJSM, START AND WARM UP EQUIP.

LOAD EQUIP AT SJ 27-4 U49, MOVED WSU AND EQUIP.

SPOT IN EQUIP, RU WSU.

SICP 321 PSI.

PTP 51 PSI.

BH 0 PSI.

OPEN CSG TO SALES LINE WHILE PRESS TESTING TBG-DOWN TO 50 PSI.

KILL TBG W/20 BBL OF FW, ND WH, INSTALL TWC, NU BOP, RU RIG FLOOR, SWAP PIPE RAMS RUBBERS, PT BOP BY WELLCHECK, PIPE RAMS AND BLIND RAMS, LOW 250 PSI AND HIGH 2500 PSI, ALL GOOD. RU 3" FLOW LINES.

PULLED OUT TBG HANGER, RETRIVE TWC, NO PRESS IN TBG, TOH W/48 STS, A STORM MOVE IN W/LIGHTNING, SDFN.

SHUT IN AND SECURED WELL, LEFT CSG OPEN TO SALES LINE.

TRAVEL BACK HOME.

Report Number 18	Report Start Date 7/25/2024	Report End Date 7/25/2024
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Operation

DROVE TO LOCATION.

HELD PJSM, START AND WARM UP EQUIP.

SICP 450 PSI.

SITP 450 PSI.

BH 0 PSI.

DBT 10 MIN.

BLOW DOWN WELL FOR 10 MIN AND THEN KILL WELL W/30 BBL OF FW DOWN TBG. TOH W/55 STS, 2'MJ, 1 JT, SN, MS.

PICK UP 6 -3 1/8" DC, RUN IN W/3 7/8" JUNK MILL, 6 DC, 101 STS, TAG FILL AT 6478', RU SWIVEL.

KI AIR UNIT, (TOOK 2 HRS TO GET CIRCULATION), C/O 32' OF FILL TO **CBP AT 6510'**, **MILL OUT PLUG** IN 50 MIN, GOT BACK A BIG INCREASE ON CSG PRESS, RD SWIVEL, PICK UP 30 JTS, **TAG PLUG AT 7450'**, **RU SWIVEL, KI AIR UNIT, MILL ON IT FOR 15 MIN AND FALL DOWN 5', CONTINUE MILLING FOR 50 MIN AND FALL OUT**, RD SWIVEL, TOH W/5 STS TO 7173'.

SHUT IN AND SECURED WELL.

DROVE BACK TO THE YARD.

Report Number 19	Report Start Date 7/26/2024	Report End Date 7/26/2024
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Operation

TRAVEL TO LOCATION.



Well Operations Summary L48

Well Name: SAN JUAN 27-4 UNIT #58

API: 3003920386

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 32

Operation

HELD PJSM, START AND WARM UP EQUIP.
SICP 720 PSI.
BH 0 PSI.
BDT 17 MIN.

TIH W/5 STS AND PICK UP 18 JTS, TAG FILL AT 8040', RU SWIVEL ON JT#253, KI AIR UNIT, C/O 176' OF FILL TO CIBP IN 4 HRS, (HARD FILL BEHIND LEFTOVER PLUG), **TAG CIBP AT 8216', MILL ON IT FOR 1 HR AND FALL DOWN**, TAG PLUG AGAIN AT 8485', MILL DOWN TO 8495', (OLD RECORDS SHOW BOTTOM AT 8495'), CIRCULATE WELL CLEAN, SAND RETURNS DOWN TO ABOUT 2 SPOONS, KO AIR UNIT, LD 1 JT W/SWIVEL, RD SWIVEL, TOH W/21 STS TO 7205'.

SHUT IN AND SECURED WELL.

DROVE BACK HOME.

Report Number 20	Report Start Date 7/27/2024	Report End Date 7/27/2024
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Operation

TRAVEL TO LOCATION.

HELD PJSM, START AND WARM UP EQUIP.
SICP 650 PSI.
BH 0 PSI.
BDT 17 MIN.

TIH W/21 STS AND 1 JT, TAG BOTTOM AT 8495'-NO FILL. LD 1 JT, TOH W/133 STS, 2 MJ, 1 JT, LD 6 DC AND JUNK MILL.

TIH W/PRODUCTION - DRIFTING EACH JT, AS FOLLOWS= EXP CH, SN, 270 JTS, **LAND TBG AT 8401'.24**
(RUN IN W/3 JTS DOWN TO 8487'- NO FILL, WELL WAS FLOWING HARD THROUG THE DAY MAKING SOME SAND)

ND BOP, NU WH, PUMP 3 BBL OF FW W/3 GAL OF INHIBITOR, PT TBG TO 600 PSI W/AIR UNIT-HELD GOOD, TRIED TO PUMP OUT EXP CHECK W/AIR UNIT, TWICE ADDING 5 BBL OF WATER, DIDN'T WORK, LOAD TBG W/RIG PUMP AND PRESS UP TO 2K, DIDN'T WORK, BLOW DOWN TBG PRESS, SISW, SDFN.

DROVE BACK HOME.

Report Number 21	Report Start Date 7/28/2024	Report End Date 7/28/2024
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Operation

TRAVEL TO LOCATION.

HELD PJSM, START AND WARM UP EQUIP.
SICP 700 PSI.
SITP 0 PSI.
BH 0 PSI.
BDT 17 MIN.

ND WH, NU BOP, RU RIG FLOOR, PULLED OUT TBG HANGER, RU SWAB TOOLS, SWAB BACK TBG FLUID.

TOH W/122 STS FOUND FLUID, SWAB IT OUT, TOH W/REMAINING 13 STS AND SN, FOUND ABOUT 4' OF FILL COMPACT ON TOP OF EXP CH, (RUST DUST FROM TBG) CLEAN OUT BOTTOM JT.

TIH W/ PRODUCTION AS FOLLOWS= PUMP OUT PLUG, SN, 270 JTS, **LAND TBG AT 8401'.24**, (CHECK FOR FILL- NO FILL).

RD RIG FLOOR, ND BOP, NU WH, PT TBG TO 600 PSI W/AIR UNIT- HELD GOOD, PUMP OUT PLUG AT 1050 PSI. SHUT IN AND SECURED WELL.

RIG DOWN WSU, PREPARE EQUIP TO MOVE.

TRAVEL BACK TO TOWN.

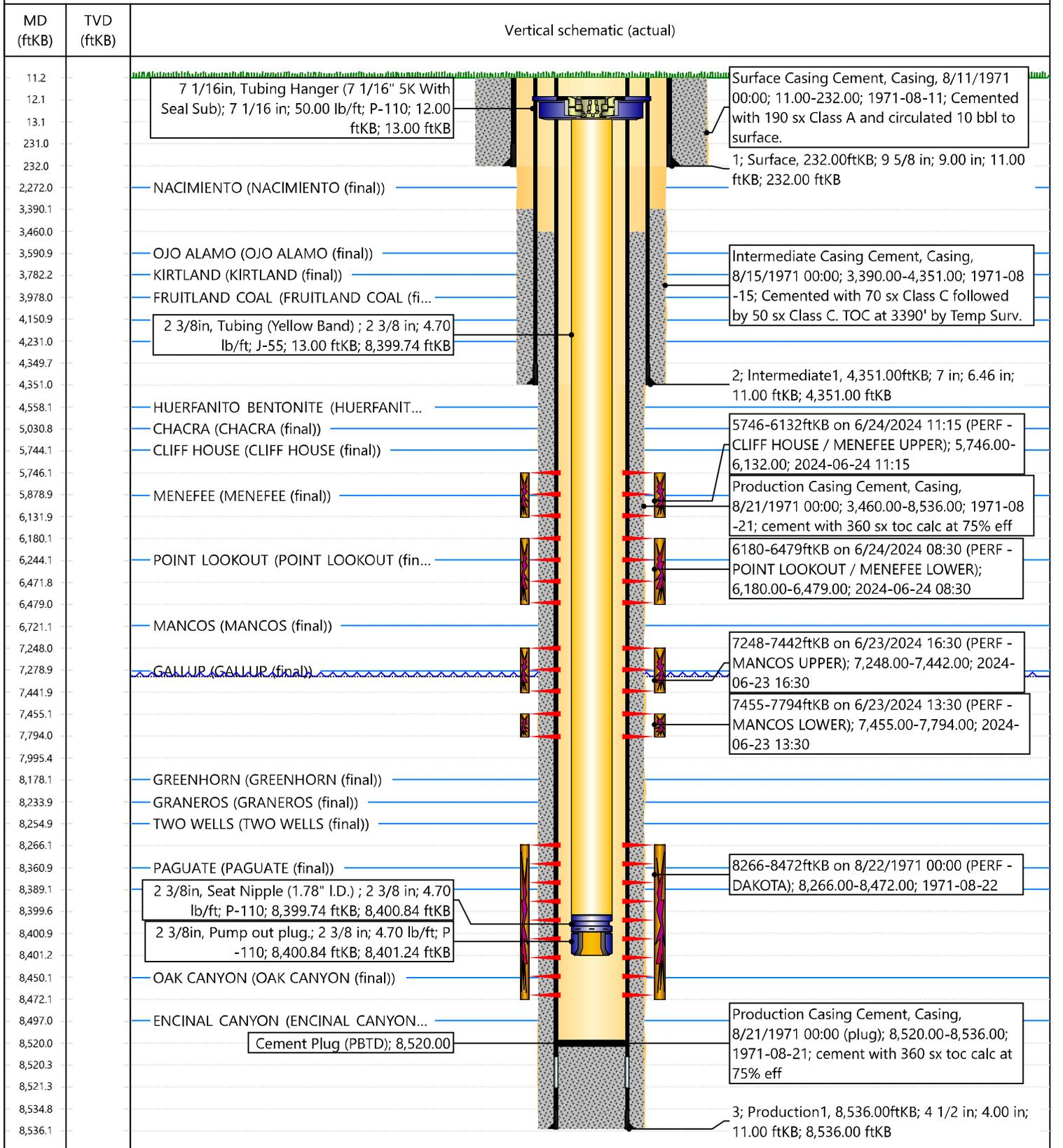


Current Schematic - Version 3

Well Name: SAN JUAN 27-4 UNIT #58

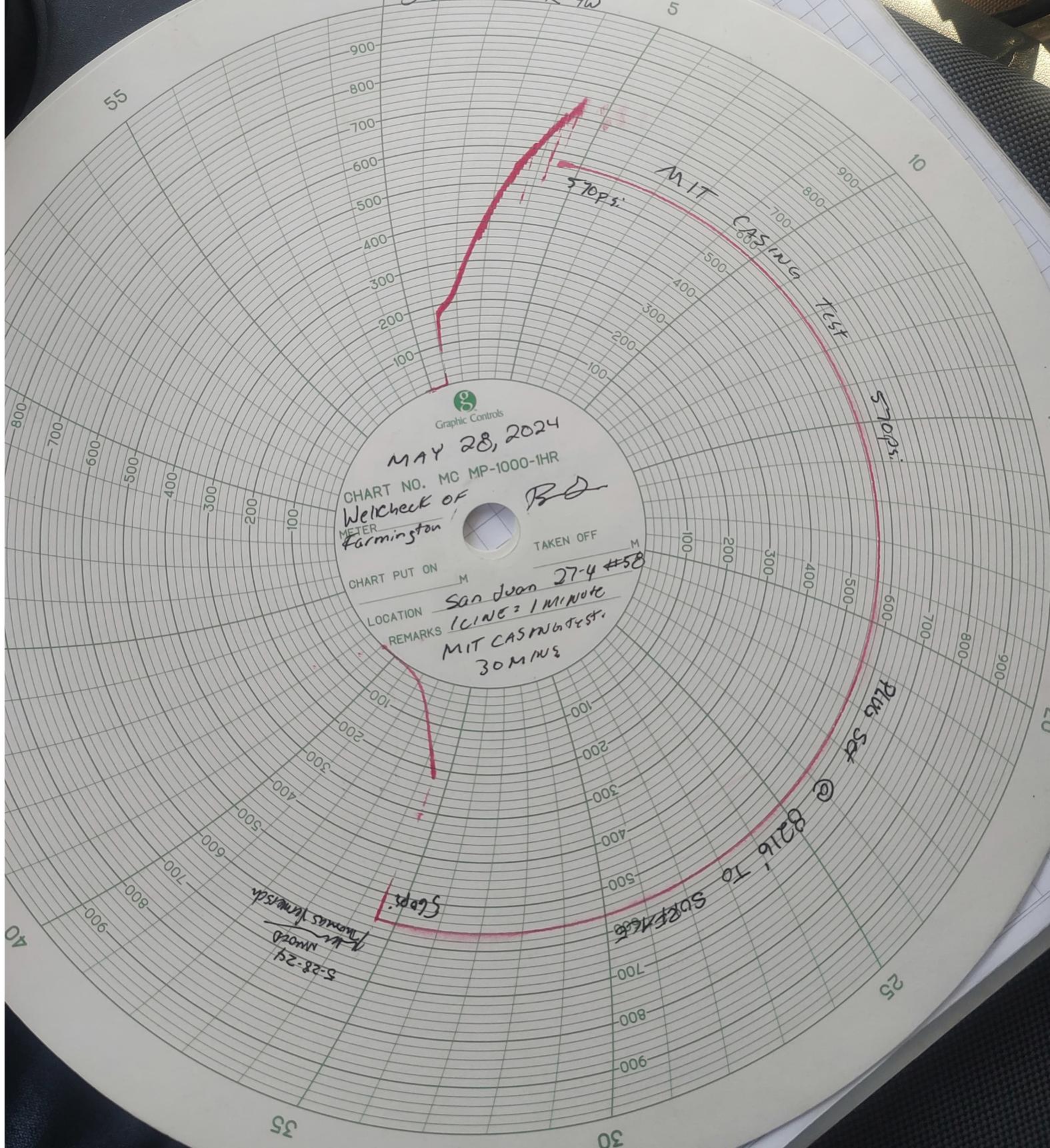
API / UWI 3003920386	Surface Legal Location 031-027N-004W-M	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1407	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 7,311.00	Original KB/RT Elevation (ft) 7,322.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole [VERTICAL]



SHEET NO.
FILE
APPN
DATE
BY

HILCORP
30-039-20386
S 31 T 27N R 4W



Graphic Controls
 MAY 28, 2024
 CHART NO. MC MP-1000-1HR
 Wetcheck of *RD*
 METER Farmington
 CHART PUT ON M
 LOCATION San Juan 27-4 #58
 REMARKS 1 LINE = 1 MINUTE
 MIT CASING TEST.
 30 MIN

Stops.
 Thomas Vandersch
 5-28-24
 MWD

Plus St
 @ 8216' TO SURFACE

Cheryl Weston

From: McGrath, Sarah, EMNRD <SarahK.McGrath@emnr.d.nm.gov>
Sent: Thursday, July 25, 2024 10:32 AM
To: Cheryl Weston
Subject: RE: [EXTERNAL] RC C-104 Extension Requests

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Cheryl,

An extension is granted until August 20, 2024, to submit the C-104 RC for the wells listed below. Please keep this email for your records and document the email extension approval in the C-104 RC submittal.

Thank you,

Sarah McGrath
Petroleum Specialist - A
Oil Conservation Division
505-670-5601

From: Cheryl Weston <cweston@hilcorp.com>
Sent: Friday, July 19, 2024 12:16 PM
To: McGrath, Sarah, EMNRD <SarahK.McGrath@emnr.d.nm.gov>
Subject: [EXTERNAL] RC C-104 Extension Requests

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Sarah,

Good morning. The below wells were recently recompleted. We would like to request extensions to allow time to submit the final paperwork.

SJ 28-7 Unit 218E – Sundry and completion filed at BLM and pending approvals.
SJ 28-7 Unit 130F - Commingled on 7/17/24; well can't flow on its own, waiting for swab rig.
SJ 27-4 Unit 58 - DHC approved this week; waiting on rig to go back to drill out plugs.

API	Well	Tech	Test Allowable Approved	C-104 Due Date	Days Till Due
3003926781	SAN JUAN 28-7 UNIT 218E	CW	6/8/24	7/21/24	2
3003926930	SAN JUAN 28-7 UNIT 130F	CW	6/14/24	7/23/24	4
3003920386	SAN JUAN 27-4 UNIT 58	CW	6/14/24	7/24/24	5

Thanks,

Cheryl Weston
San Juan Operations/Regulatory Tech-Sr.
1111 Travis Street | Houston, TX 77002

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 371431

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 371431
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
<input checked="" type="checkbox"/>	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.

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 371431

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 371431
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	8/20/2024