

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> 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 28-7 UNIT 236	Property Code: 318432
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-21661
Pool Name: BASIN MANCOS	Pool Code: 97232

## Section 2 – Surface Location

UL H	Section 6	Township 027N	Range 007W	Lot	Ft. from N/S 1550' North	Ft. from E/W 1085' East	Latitude 36.606548	Longitude -107.60853	County RIO ARriba
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## Section 3 – Completion Information

Producing Method Flowing	Ready Date 8/10/2024	Perforations MD 6,101' – 6,779'	Perforations TVD 6,101' – 6,779'
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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-5367
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 <b>Cherylene Weston</b>	
Title: Operations Regulatory Tech Sr.	Date 8/23/2024

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> 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 28-7 UNIT 236	Property Code: 318432
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-21661
Pool Name: BLANCO MESAVERDE	Pool Code: 72319

## Section 2 – Surface Location

UL H	Section 6	Township 027N	Range 007W	Lot	Ft. from N/S 1550' North	Ft. from E/W 1085' East	Latitude 36.606548	Longitude -107.60853	County RIO ARRIBA
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## Section 3 – Completion Information

Producing Method Flowing	Ready Date 8/10/2024	Perforations MD 4,352' – 5,253'	Perforations TVD 4,352' – 5,253'
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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-5367
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 <b>Cherylene Weston</b>	
Title: Operations Regulatory Tech Sr.	Date 8/23/2024

Cheryl Weston

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From: blm-afmss-notifications@blm.gov  
Sent: Thursday, August 22, 2024 10:17 AM  
To: Cheryl Weston  
Subject: [EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 236, 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 28-7 UNIT**
- Well Number: **236**
- US Well Number: **3003921661**
- Well Completion Report Id: **WCR2024082292732**

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

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 ☐ 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 H (SENE), 1550' FNL &amp; 1085' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

12/26/1978

15. Date T.D. Reached

1/3/1979

16. Date Completed

8/10/2024

☐ D & A☒ Ready to Prod.

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

6,178'

18. Total Depth:

7,175'

19. Plug Back T.D.:

7,159'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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" K-55	36#	0	214'	n/a	224 cf			
8 3/4"	7" K-55	20#	0	3,006'	n/a	188 cf			
6 1/4"	4 1/2" K-55	10.5# & 11.6#	0	7,175'	n/a	641 cf			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7,010'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Clifhouse/Upper Menefee	4,352'	4,531'	1 SPF	0.33"	25	open
B) Point Lookout/Lower Menefee	4,613'	5,253'	1 SPF	0.33"	23	
C)						
D)						
TOTAL					48	

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

Depth Interval	Amount and Type of Material
4352-4531	BDW w/water & 1000 gal 15% HCl. Frac @ 50 bpm w/ 70Q N2 foam, 47,292 gal slickwater, 125,354# sand & 1.46M SCF N2
4613-5253	BDW w/water & 500 gal 15% HCl. Frac @ 50 bpm w/ 70Q N2 foam, 45,864 gal slickwater, 125,339# sand & 1.54M 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
8/10/2024	8/10/2024	4	➡	0	62	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	
25/64"	320 psi	370 psi	➡	0	62	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. 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			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		4355'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,355'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,355'
Menefee		4912'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	4,912'	6088'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4,912'
Mancos	6,088'		Dark gry carb sh.	Mancos	6,088'
Gallup		6838'	Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn	6,838'		Highly calc gry sh w/ thin lmst.	Greenhorn	6,838'
Graneros		7030'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	0,000'
Dakota	7,030'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,030'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/MC/DK trimmingle per DHC-5367. MV PA NMNM078413A

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 8/23/2024

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 MANAGEMENTFORM 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

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 H (SENE), 1550' FNL &amp; 1085' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

12/26/1978

15. Date T.D. Reached

1/3/1979

16. Date Completed

8/10/2024

☐ D & A☒ Ready to Prod.

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

6,178'

18. Total Depth:

7,175'

19. Plug Back T.D.:

7,159'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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" K-55	36#	0	214'	n/a	224 cf			
8 3/4"	7" K-55	20#	0	3,006'	n/a	188 cf			
6 1/4"	4 1/2" K-55	10.5# & 11.6#	0	7,175'	n/a	641 cf			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7,010'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	6,101'	6,362'	1 SPF	0.35"	27	open
B) Mancos	6,534'	6,779'	1 SPF	0.35"	120	
C)						
D)						
TOTAL					147	

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

Depth Interval	Amount and Type of Material
6101-6362	BDW w/water & 1000 gal 15% HCl. Frac @ 50 bpm w/ 60Q N2 foam, 103,320 gal slickwater, 154,004# sand & 3.82M SCF N2
6534-6779	BDW w/water & 1000 gal 15% HCl. Frac @ 19 bpm w/ 60Q N2 foam, 14,784 gal slickwater, 1,014# sand & .40M 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
8/10/2024	8/10/2024	4	➡	0	62	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	
25/64"	320 psi	370 psi	➡	0	62	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. 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			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		4355'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,355'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,355'
Menefee		4912'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	4,912'	6088'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4,912'
Mancos	6,088'		Dark gry carb sh.	Mancos	6,088'
Gallup		6838'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn	6,838'		Highly calc gry sh w/ thin lmst.	Greenhorn	6,838'
Graneros		7030'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	0,000'
Dakota	7,030'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,030'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

**This well is currently producing as a MV/MC/DK trimmingle per DHC-5367.**

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

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*			
Name (please print)	<b>Cherylene Weston</b>	Title	<b>Operations/Regulatory Technician</b>
Signature	<b>Cherylene Weston</b>	Date	<b>8/23/2024</b>

<b>Well Name:</b> SAN JUAN 28-7 UNIT	<b>Well Location:</b> T27N / R7W / SEC 6 / SENE / 36.60643 / -107.608871	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 236	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078835A	<b>Unit or CA Name:</b> SAN JUAN 28-7 UNIT--DK	<b>Unit or CA Number:</b> NMNM78413C
<b>US Well Number:</b> 300392166100C1	<b>Operator:</b> HILCORP ENERGY COMPANY	

### Subsequent Report

**Sundry ID:** 2806489

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 08/12/2024

**Time Sundry Submitted:** 03:20

**Date Operation Actually Began:** 06/18/2024

**Actual Procedure:** The subject well was recompleted in the Mesaverde/Mancos and downhole trimming with existing Dakota. Please see attached reports.

### SR Attachments

#### Actual Procedure

San\_Juan\_28\_7\_Unit\_236\_RC\_Sundry\_20240812151938.pdf



**Well Name:** SAN JUAN 28-7 UNIT

**Well Location:** T27N / R7W / SEC 6 /  
SENE / 36.60643 / -107.608871

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 236

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078835A

**Unit or CA Name:** SAN JUAN 28-7  
UNIT--DK

**Unit or CA Number:**  
NMNM78413C

**US Well Number:** 300392166100C1

**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 12, 2024 03:19 PM

**Name:** HILCORP ENERGY COMPANY

**Title:** Operations/Regulatory Tech - Sr

**Street Address:** 1111 TRAVIS STREET

**City:** HOUSTON

**State:** TX

**Phone:** (713) 289-2615

**Email address:** CWESTON@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:** 08/22/2024

**Signature:** Kenneth Rennick



## Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT 236

API: 3003921661

Field: DK

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: BWD 102

## Jobs

Actual Start Date: 6/18/2024

End Date:

Report Number

1

Report Start Date

6/18/2024

Report End Date

6/18/2024

## Operation

TRAVEL TO S.J. 28-6 #49A WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREWS.

START RIG MOVE OPERATIONS. MOBILIZED HEC RIG EQUIPMENT FROM THE S.J. 28-6 #49A TO THE S.J. 28-7 #236 WELLSITE (46.0 MILE MOVE). LEASE ROADS ROUGH.

MOVE IN, RIG UP EXPERT SLICKLINE SERVICES. SITP- 90 PSI. SICP- 100 PSI.  
MADE 4- RUNS.1ST RUN: 2.00" O.D. R.B. TOOL TO 7,147' SLM, RECOVER BRUSH PLUNGER.  
2ND RUN: 2.00" O.D. R.B. TOOL TO 7,148' SLM, RECOVER BUMPER SPRING.  
3RD RUN: 1.901" O.D. G-RING TO 7,150' SLM, TAG SEAT NIPPLE.  
4TH RUN: 1.50" O.D. IMPRESSION BLOCK TO 7,160' SLM. TAG SAND FILL.  
TUBING IS CLEAR. NO FLUID IN WELL.

RIG DOWN, RELEASE EXPERT SLICKLINE SERVICES.

WAIT ON BLADE TO CLEAR EXCESSIVE BRUSH FROM RIG WORKING AREA.

RIG UP SERVICE UNIT. CONTINUED TO MOVE IN RIG EQUIPMENT. LEASE ROAD VERY ROUGH AND LOCATION IS SMALL. HAD TO STAGE IN EQUIPMENT, SLOWING OPERATIONS DOWN.

CHECK WELL PRESSURES. SITP-90 PSI. SICP-100 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. BLOWDOWN WELL IN 15 MINUTES TO A LIGHT CONTINUOUS BLOW.

NIPPLE DOWN WELLHEAD. WELLHEAD BOLTS CRUSTY. LOCKDOWN PINS STIFF BUT WORKABLE. WILL NEED TO REPLACE 3K TUBING HEAD FOR A 5K TUBING HEAD. NIPPLE UP BOP ASSEMBLY. FUNCTION TEST. TEST GOOD.

RIG UP FLOOR &amp; TUBING HANDLING TOOLS. UNSET TBG HANGER AT 35,000 LBS. TBG IS FREE. PULLED HANGER TO FLOOR AND REMOVE.

PJSA MEETING WITH PREMIER.

RIG UP PREMIER NDT SERVICES UNIT &amp; EQUIPMENT.

BEGIN TUBING SCAN OPERATIONS.

SCANNED 226 - 2 3/8" TUBING JOINTS:

0 JOINTS - YELLOW BAND.

36 JOINTS - BLUE BAND (PITTING &amp; BAD PINS).

119 JOINTS - GREEN BAND (PITTING &amp; BAD PINS).

71 JOINTS - RED BAND (PITTING &amp; BAD PINS).

NO JOINTS PASSED THE SCAN INSPECTION, 226 JOINTS FAILED (PITTING &amp; BAD PINS). ALSO HAD SOME LIGHT EXTERNAL SCALE COATING. RIG DOWN, MOVE OUT PREMIER SERVICES.

ORDERED OUT 7,200' OF 2 3/8" 4.7# J-55 REPLACEMENT TUBING FROM TUBOSCOPE TO BE LOADED AND DELIVERED IN THE MORNING.

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

CREW TRAVEL TO YARD.

Report Number

2

Report Start Date

6/19/2024

Report End Date

6/19/2024

## Operation

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

PJSA WITH CREW.

CHECK WELL PRESSURES. SICP-100 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPENED WELL. BLOWDOWN IN 15 MINUTES TO A LIGHT CONTINUOUS BLOW.

WAIT ON REPLACEMENT TUBING TO BE DELIVERED.

MOVE IN, CHANGE OUT TUBING FLOATS.

RECEIVED 233- JOINTS (7,339.50') OF 2 3/8" 4.7# J-55 WHITE BAND TUBING FROM TUBOSCOPE PIPE YARD.

SEND IN 226- JOINTS (7,119') OF 2 3/8" 4.7# EUE J-55 WELL TUBING THAT FAILED SCAN TEST TO TUBOSCOPE FOR CREDIT.

MAKE UP 4 1/2" CASING CLEANOUT BHA ASSEMBLY. PREPARE TO TALLY &amp; TRIP IN.

1- 3.875" O.D. X .40' ROLLER BIT.

1- 3.875" O.D. X 3.20 STRING MILL.

1- 3.125" O.D. X 1.33' BIT SUB.

TALLY &amp; TRIP IN WITH 2 3/8" WHITE BAND REPLACEMENT TUBING.



## Well Operations Summary L48

**Well Name: SAN JUAN 28-7 UNIT 236**

**API: 3003921661**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: BWD 102**

### Operation

WATER/LUNCH BREAK.

CONTINUE TO TALLY & TRIP IN WITH 2 3/8" WHITE BAND REPLACEMENT TUBING. TRIPPED TO 6,980'.

TRIPPED OUT WITH TUBING/SCRAPER. STAND BACK TUBING INTO THE DERRICK.

MAKE UP HILCORP 4 1/2" CAST IRON BRIDGE PLUG.

TRIP IN WITH **4 1/2" CIBP** TO 6,925' AND ATTEMPT TO SET. COULD NOT GET PLUG TO SET. TRY NUMEROUS TIMES. **PULL PLUG TO 6,922' AND SET.** APPEARED TO HAVE A GOOD SET. LAYDOWN 1 JOINT OF TUBING.

RIG UP LINE TO THE TUBING. CIRCULATE 4 1/2" CASING ABOVE THE CIBP WITH 110 BBLs OF BIOCIDAL WATER.

CLOSE PIPE RAMS. TEST THE 4 1/2" CASING 580 PSI. STARTED GAINING PRESSURE DUE TO WATER HEATING. BLEED OFF PRESSURE.

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

CREW TRAVEL TO YARD.

Report Number

3

Report Start Date

6/20/2024

Report End Date

6/20/2024

### Operation

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

PJSA WITH CREW.

CHECK WELL PRESSURES. SITP-0 PSI. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPENED WELL. NO PRESSURE TO VENT. SERVICE & START EQUIPMENT.

TRIP OUT OF WELL WITH 2 3/8" TUBING LAYING DOWN ONTO THE TUBING FLOAT. STAND BACK 2,800' INTO THE DERRICK.

MIRU WELLCHECK SERVICES. PRESSURE TEST UNIT. TEST GOOD. CONDUCT MOCK TEST. TEST WAS GOOD.

**CONDUCTED MIT TEST VIA PHONE & PICTURES TO MONICA KUEHLING OF THE NMOCD. CIBP AT 6,923'. TEST 4 1/2" CSG AND CIBP TO 560 PSI FOR 30 MINUTES. TEST GOOD. WILL CONDUCT BRADENHEAD TEST AT A LATER DATE.**

RIG DOWN WELLCHECK SERVICES. **RECEIVED VERBAL APPROVAL FROM MONICA AT NMOCD TO CONTINUE JOB OPERATIONS.** NOTIFY HEC ENGINEERING OF TEST RESULTS.

WAIT ON BASIN WIRELINE.

MOVE IN, RIG UP BASIN WIRELINE UNIT & LOGGING TOOLS. **RUN GR/CCL/CBL FROM 6,920' WLM TO 10' WLM.** LOG EVALUATION TO BE DETERMINED BY HEC ENGINEERING GROUP.

SEND RESULTS TO HEC ENGINEERING. RIG DOWN BASIN WIRELINE TOOLS OFF WELLHEAD.

RIG DOWN FLOOR AND TUBING TOOLS. NIPPLE DOWN BOP ASSEMBLY.

MOVE IN BIG RED & CF&M WELDING SERVICES. NIPPLE DOWN 3K TUBING HEAD. HAD TO CUT OUT OLD BOLTS. CUT & DRESS UP 4 1/2" CASING STUB. LIGHTNING & HEAVY RAIN STORM MOVED INTO THE AREA. SUSPEND JOB OPERATIONS.

INSTALL 5K TUBING HEAD FOR NIGHT CAP.

SECURED WELL. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN JOB OPERATIONS FOR THE NIGHT.

CREW TRAVEL TO YARD.

Report Number

4

Report Start Date

6/21/2024

Report End Date

6/21/2024

### Operation

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

PJSA WITH CREWS.

CHECK WELL PRESSURES. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPENED WELL. NO PRESSURE TO VENT. SERVICE & START EQUIPMENT.

MOVE IN BIG RED & WELLCHECK SERVICES.

NIPPLE DOWN 3K TUBING HEAD. PACK VOID WITH PACKING. INSTALL 5K TUBING HEAD ASSEMBLY. PRESSURE TESTED VOID SEALS TO 2,500 PSI. TESTED GOOD. NIPPLE UP BOP ASSEMBLY & FUNCTION TEST. TESTED GOOD. RIG UP FLOOR AND TUBING TOOLS.

RIG UP WELLCHECK TEST UNIT. PRESSURE TEST 4 1/2" CASING TO 1,600 PSI. TEST WAS GOOD. RELEASE PRESSURE.

MAKE UP SELECT OIL TOOLS 4 1/2" RETRIEVABLE BRIDGE PLUG ONTO THE TUBING.

TRIP INTO THE WELL WITH RBP AND SET AT 2,760'. LAYDOWN 1 TUBING JOINT. INSTALL 2 3/8" TUBING HANGER AND LAND INTO THE 5K TUBING HEAD. SECURE THE LOCKDOWN PINS. INSTALL TIW VALVE ONTO THE TUBING STRING.

LOAD 4 1/2" X 7" CASING ANNULUS WITH 19 BBLs OF WATER/PACKER FLUID.

RIG UP WELLCHECK TEST UNIT. PRESSURE TEST THE 4 1/2" CASING ABOVE THE RBP AT 2,760' TO 4,000 PSI. TEST WAS GOOD. RELEASE PRESSURE.

RELEASE LOCKDOWN PINS. PULL TUBING HANGER TO THE FLOOR AND REMOVE. LATCH ONTO AND RELEASE THE RBP AT 2,760'.

TRIP OUT OF THE WELL WITH 2 3/8" TUBING LAYING DOWN ONTO TUBING FLOAT. LAY DOWN 4 1/2" RBP.

RIG DOWN FLOOR AND TUBING TOOLS. NIPPLE DOWN BOP ASSEMBLY.

BIG RED TOOLS NIPPLED UP 5K FRAC STACK ASSEMBLY.



## Well Operations Summary L48

**Well Name: SAN JUAN 28-7 UNIT 236**

**API: 3003921661**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: BWD 102**

### Operation

RIG UP WELLCHECK TEST UNIT. PRESSURE TEST THE 5K FRAC STACK ASSEMBLY TO 5,000 PSI. TEST WAS GOOD. RELEASE PRESSURE. RIG DOWN, MOVE OUT BIG RED & WELLCHECK.

RIG DOWN SERVICE UNIT AN ALL EQUIPMENT. PREPARE FOR RIG MOVE OPERATIONS.

MOVE SERVICE RIG & DOG HOUSE DOWN OFF STEEP HILL AND PARK. CREW TRAVEL TO HILCORP YARD.

MANCOS, MESA VERDE FRAC PREPARATION OPERATIONS COMPLETE.

Report Number 5	Report Start Date 7/17/2024	Report End Date 7/17/2024
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### Operation

MIRU BASIN WL. RIH, **PERF STAGE 1 MANCOS AT 6534' - 6779 (120 HOLES)** W/0.44" DIA, 1 SPF. SHUT IN WELL, AND RELEASE WIRELINE CREW.

Report Number 6	Report Start Date 7/19/2024	Report End Date 7/19/2024
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### Operation

MIRU DRAKE ENERGY SERVICES (TRANSPORT GOT STUCK, HAD TO PULL IT IN WITH A BLADE). CONDUCT SAFETY MEETING AND PRESSURE TEST LINES. OPEN WELL (0 PSI) AND **BREAK DOWN MANCOS PERFS WITH 15 BBLS OF WATER (BROKE AT 3,100 PSI). LAUNCH 45 BIO-BALLS, SWAP TO ACID AND PUMP 48 BBLS OF ACID (15% HCl) DROPPING 45 BIO-BALLS AT 12 BBL INTERVALS (TOTAL OF 180 BALLS). INJECTING 6 BPM AT 1,900 PSI. FLUSH ACID WITH 140 BBLS OF WATER (6 BPM, 1,700 PSI).** ISIP WAS 1,400 PSI. DID NOT SEE ANY BALL ACTION. SHUT IN WELL AND RIG DOWN ACID CREW.

Report Number 7	Report Start Date 7/30/2024	Report End Date 7/30/2024
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### Operation

MIRU FRAC CREW.

PRIME, COOL DOWN, TEST, SAFETY MEETING.

**FRAC STAGE 1: BROKE DOWN WELL WITH WATER AND 1,000 GAL 15% HCL. BROUGHT ON N2 AND INCREASED RATE TO 20 BPM. PRESSURE LEVELED OUT @ 3,700 PSI. PUMPED 1,000 LBS. OF A SAND SCOUR. NO PRESSURE RELIEF. DECIDED TO MOVE ON TO STAGE 2 WITH NO PLUG. PUMPED 1,014 LBS 20/40 ARIZONA AND 14,784 GAL SLICKWATER AND .40 MILLION SCF N2. 60 QUALITY. AVG RATE = 19.2 BPM, AVG PSI = 3,547 PSI. ISIP WAS 2,402 PSI. (1.915 PSI IN 5 MINUTES).**

RIG UP BASIN WIRELINE. RIH, **PERFORATE STAGE 2 MANCOS AT 6101' - 6362' (27 HOLES)** 0.35" DIA, 1 SPF. POOH.

**FRAC STAGE 2: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D MANCOS WITH 154,004 LBS 20/40 ARIZONA AND 103,320 GAL SLICKWATER AND 3.82 MILLION SCF N2. 60 QUALITY. AVG RATE = 45 BPM, AVG PSI = 3,022 PSI. ISIP WAS 1,512 PSI. (1,208 PSI IN 5 MINUTES).**

RIG UP WIRELINE. RIH, **SET BRIDGE PLUG AT 5,285' AND PERFORATE POINT LOOKOUT / LOWER MENEFFEE AT 4613' - 5253' (23 HOLES)** 0.33" DIA, 1 SPF.

**FRAC STAGE 3: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D PT LOOKOUT WITH 125,339 LBS 20/40 ARIZONA AND 45,864 GAL SLICKWATER AND 1.54 MILLION SCF N2. 70 QUALITY. AVG RATE = 52.5 BPM, AVG PSI = 3,363 PSI. 100% OF DESIGNED SAND PUMPED. HAD TO PUMP STAGE AT LOWER RATE DUE TO PRESSURE TREND.**

SIW, SECURE LOCATION, SDFN.

Report Number 8	Report Start Date 7/31/2024	Report End Date 7/31/2024
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### Operation

MIRU REPLACEMENT WIRELINE TRUCK.

RIH AND **SET BRIDGE PLUG AT 4,560' AND PERFORATE STAGE 4. (CLIFFHOUSE / UPPER MENEFFEE AT 4352' - 4531' (25 HOLES)** 0.33" DIA, 1 SPF. POOH.

**FRAC STAGE 4: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D CLIFFHOUSE / MENEFFEE WITH 125,354 LBS 20/40 ARIZONA AND 47,292 GAL SLICKWATER AND 1.46 MILLION SCF N2. 70 QUALITY. AVG RATE = 69.2 BPM, AVG PSI = 2,673 PSI. ISIP WAS 1,447 PSI (5 MIN - 1,108 PSI). 100% OF DESIGNED SAND PUMPED. DROPPED RATE DUE TO PRESSURE TREND.**

RIH AND **SET CBP AT 4,154'.** BLEED OFF, PLUG HOLDING.

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 5,090 BBLS (INCLUDING 60 BBLS OF ACID). TOTAL SAND = 405,711 LBS. TOTAL N2 = 7.22 MILLION SCF.

Report Number 9	Report Start Date 8/3/2024	Report End Date 8/3/2024
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### Operation

TRAVEL TO JICARILLA A #2 WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.

PJSA WITH CREWS.

START RIG MOVE OPERATIONS. MOBILIZE HEC RIG #102 & EQUIPMENT FROM THE JICARILLA A #2 TO THE S.J. 28-7 #236 WELLSITE (96.0 MILE MOVE). LEASE ROADS VERY ROUGH & DUSTY.

MOVE IN, RIG UP BIG RED SERVICES. SICP-100 PSI. SIICP-0 PSI. SIBHP-0 PSI. BLEED DOWN IN UNDER 5 SECONDS. 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 DUSTY. LOCATION CONGESTED, CNJ MOVING FRAC TANKS WHILE STAGING IN RIG 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.



Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT 236

API: 3003921661	Field: DK	State: NEW MEXICO
	Sundry #:	Rig/Service: BWD 102

Operation		
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.		
WELL SHUT IN, SECURED. SECURED RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN JOB OPERATIONS FOR THE EVENING.		
CREW TRAVEL TO YARD.		
Report Number 10	Report Start Date 8/5/2024	Report End Date 8/5/2024
Operation		
TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.		
PJSA WITH CREW.		
CHECK WELL PRESSURES. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. NO PRESSURE, KILL PLUG HOLDING.		
MEASURE & MAKE UP 4 1/2" BRIDGE PLUG MILLING ASSEMBLY: 1- 3.875" O.D. (1.25" I.D.) X 2.15' 5-BLADE JUNK MILL (2.15'). 1- 3.125" O.D. (1.0" I.D.) X 1.28' BIT SUB (1.28').		
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 2,206', WILL UNLOAD WELL AT THIS DEPTH. (1ST CBP AT 4,154' WLM).		
RIG UP & TEST AIR UNIT LINES TO 1,500 PSI. TEST GOOD.		
START AIR UNIT AT 1,200 CFM AT 600 TO 1,000 PSI WITHOUT MIST. UNLOAD 30 BBLS FRAC FLUID.		
SHUTDOWN AIR UNIT, RIG DOWN SWIVEL OFF TUBING.		
CONTINUE TO TALLY & TRIP IN WITH 2 3/8" WELL TUBING. TAGGED 1ST CBP AT 4,154'.		
RIG UP POWER SWIVEL ASSEMBLY. PREPARE TO BEGIN MILLING/CLEANOUT OPERATIONS.		
START AIR UNIT AT 1,200 CFM AT 600 TO 1,250 PSI WITHOUT MIST. UNLOADED 30 BBLS FLUID ABOVE CBP. START MIST AT 15 BPH. <b>START MILLING ON CBP AT 4,155'. MILLED OUT PLUG IN 1 HR. MADE PLUG PARTS &amp; SAND FILL AT 1 CUP DOWN TO A TRACE. HAD SLIGHT INCREASE IN RETURNS TO TANK AFTER CUTTING TOP OFF PLUG. AIR COMPRESSOR ON RIG WENT DOWN. CONTINUE CIRCULATION WITH AIR/MIST. CIRCULATED UNTIL RETURNS WERE CLEAN.</b>		
1 - 3 GAL PER 10 BBLS: CL-299 (CORROSION INHIBITOR). 1 - 1 1/2 GAL PER 10 BBLS: F-86 (FOAMER).		
SERVICE UNIT DOWN 3 HOURS WHILE REPAIRS WERE MADE.		
SHUTDOWN AIR/MIST. HANG BACK POWER SWIVEL ASSEMBLY. PULL TUBING/MILL ASSEMBLY TO 4,150'.		
SHUT IN, SECURE WELL. SECURE RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE EVENING.		
CREW TRAVEL TO YARD.		
Report Number 11	Report Start Date 8/6/2024	Report End Date 8/6/2024
Operation		
TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.		
PJSA WITH CREW.		
CHECK WELL PRESSURES. SITP-0 PSI (STRING FLOAT) SICP-750 PSI. SIICP-0 PSI. SIBHP-0 PSI. BLOWDOWN WELL IN 30 MINUTES. SERVICE & START RIG & EQUIPMENT.		
CONTINUE TALLY & TRIP IN WITH 2 3/8" WELL TUBING. TAGGED FILL/PLUG PARTS AT 4,480' (2ND CBP AT 4,560' WLM).		
RIG UP POWER SWIVEL ASSEMBLY. PREPARE TO CONTINUE MILLING/CLEANOUT OPERATIONS.		
START AIR UNIT AT 1,200 CFM WITH MIST AT 10 - 15 BPH. PRESSURE AT 600 TO 1,150 PSI. CLEANOUT FILL & PLUG PARTS DOWN TO <b>2ND CBP AT 4,560'. MILLED OUT 2ND CBP IN 3/4 HR. FLOW RATE TO TANK INCREASED WHEN PLUG TOP WAS CUT. MAKING PLUG PIECES &amp; SAND AT 4 CUPS DOWN TO 1/4 CUP. MADE ADDITIONAL WATER AT +/- 5 TO 10 BBLS PER HOUR OVER THE MIST RATE. CIRCULATED UNTIL THE RETURNS WERE CLEANER. CONTINUE TRIP INTO WELL AND TAGGED FILL/PLUG PARTS AT 4,770'. WELL MAKING HEAVY SAND AT 1/4 BUCKET DOWN TO 2 CUPS. CLEANOUT SAND FILL/PLUG PARTS TO 3RD CBP AT 5,285'. CIRCULATED UNTIL RETURNS WERE CLEAN &amp; REDUCED.</b>		
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 ASSEMBLY TO 4,340'(TOP MV PERF AT 4,352').		
SHUT IN, SECURE WELL. SECURE RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE EVENING.		
CREW TRAVEL TO YARD.		
Report Number 12	Report Start Date 8/7/2024	Report End Date 8/7/2024
Operation		
TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS.		
PJSA WITH CREW.		
CHECK WELL PRESSURES. SITP-0 PSI (STRING FLOAT) SICP-600 PSI. SIICP-0 PSI. SIBHP-0 PSI. BLOWDOWN WELL IN 30 MINUTES. SERVICE & START RIG & EQUIPMENT.		



## Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT 236

API: 3003921661

Field: DK

State: NEW MEXICO

Sundry #:

Rig/Service: BWD 102

## Operation

TRIP IN WITH TUBING FROM THE DERRICK TO PREVIOUS CLEANOUT DEPTH (5,285'). TAGGED FILL AT 5,280'.

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

START AIR UNIT AT 1,200 CFM WITH MIST AT 10 - 15 BPH. AIR UNIT PRESSURE AT 600 TO 1,150 PSI. **CLEANOUT FILL DOWN TO 3RD CBP AT 5,285'. MILL OUT 3RD CBP** IN 1 1/4 HRS. NOTICEABLE INCREASE TO TANK AFTER PLUG TOP WAS CUT. MAKING PLUG PIECES & SAND AT 4 CUPS DOWN TO 1/4" CUP. MADE ADDITIONAL WATER AT 15-20 BBLS PER HOUR OVER THE MIST RATE. CIRCULATE UNTIL THE RETURNS WERE CLEANER & REDUCED. CONTINUE TRIP INTO WELL & TAG FILL/PLUG PARTS AT 6,780' (DK CIBP AT 6,922'). CONTINUE MILLING/CLEANOUT OPERATIONS. WELL WAS MAKING HEAVY SAND AT 1/4 BUCKET TO 2 CUPS AND WATER AT 15-20 OVER MIST RATE. CLEANOUT TO TOP OF 4TH PLUG (DK CIBP). 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. HANG BACK POWER SWIVEL ASSEMBLY. KILL TUBING WITH 10 BBLS BIOCIDAL WATER TO PULL TOP STRING FLOAT.

TRIP TUBING/MILL TO 5,000'. STAND BACK INTO DERRICK.

CREW TRAVEL TO YARD.

Report Number  
13Report Start Date  
8/8/2024Report End Date  
8/8/2024

## Operation

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

PJSA WITH CREW.

CHECK WELL PRESSURES. SITP-0 PSI (STRING FLOAT) SICP-850 PSI. SIICP-0 PSI. SIBHP-0 PSI. BLOWDOWN WELL IN 30 MINUTES. SERVICE &amp; START RIG &amp; EQUIPMENT.

TRIP IN WITH 2 3/8" WELL TUBING FROM THE DERRICK. TAGGED FILL/PLUG PARTS AT 6,915' (DAKOTA CIBP AT 6,922' WLM).

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

START AIR UNIT AT 2,000 CFM WITH MIST AT 10 -15 BPH. AIR UNIT PRESSURE AT 600 TO 1,250 PSI. **CLEAN/MILL DOWN TO DAKOTA CIBP AT 6,922'. MILL OUT DK CIBP** IN 1 1/4 HRS. SLIGHT INCREASE TO TANK AFTER PLUG TOP WAS CUT. WELL MAKING PLUG PIECES & SAND AT 4 CUPS DOWN TO 1/4 CUP. WATER AT 15-30 BBLS PER HOUR OVER THE MIST RATE. CIRCULATE UNTIL THE RETURNS WERE CLEANER & REDUCED. CONTINUE INTO WELL & TAG FILL/PLUG PARTS AT 7,140' (PBTD AT 7,159'). WELL MAKING SAND AT 2 CUPS DOWN TO 1/4 CUP. CLEANOUT TO PBTD. CIRCULATE AIR/MIST & FOAM SWEEPS UNTIL RETURNS WERE CLEAN.

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

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

SHUTDOWN AIR/MIST. RIG DOWN POWER SWIVEL ASSEMBLY. KILL TUBING WITH 10 BBLS BIOCIDAL WATER TO PULL TOP STRING FLOAT.

TRIP OUT OF WELL WITH TUBING/MILL ASSEMBLY. STAND BACK 222- JOINTS OF TUBING INTO THE DERRICK.

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

1- 2 3/8" MULE SHOE EXPENDABLE CHECK (.95').

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

1- 2 3/8" 4.7# J-55 WHITE BAND TBG JNT (29.10').

1- 2 3/8" 4.7# J-55 PUP JNT MARKER (2.25').

TRIP INTO WELL DRIFTING 2 3/8" PRODUCTION TUBING TO 1,781'. HIGH WINDS AND HEAVY RAIN &amp; LIGHTNING STORM MOVED INTO THE AREA. WILL SUSPEND OPERATIONS FOR THE DAY.

SHUT IN, SECURE WELL. SECURE RIG AND ALL EQUIPMENT. DEBRIEF CREW. SHUTDOWN OPERATIONS FOR THE EVENING.

CREW TRAVEL TO YARD.

Report Number  
14Report Start Date  
8/9/2024Report End Date  
8/9/2024

## Operation

TRAVEL TO WELLSITE. CREW ON HILCORP YARD AT 0500 HOURS. LEASE ROADS VERY MUDDY FROM OVERNIGHT RAIN STORM.

PJSA WITH CREW.

CHECK WELL PRESSURES. SITP-0 PSI (CHECK) SICP-350 PSI. SIICP-0 PSI. SIBHP-0 PSI. BLOWDOWN WELL IN 30 MINUTES. SERVICE &amp; START RIG &amp; EQUIPMENT.

CONTINUE TRIP INTO WELL DRIFTING 2 3/8" PRODUCTION TUBING TO 7,159'. NO FILL TAGGED. PULL TO LANDING DEPTH AT 7,010'.

INSTALL TUBING HANGER & LAND. **PRODUCTION TBG LANDED AT 7,010.07 K.B.** (10.0' K.B.). TOP OF 1.78" I.D. SEAT NIPPLE AT 7,008.02' K.B.

1- 2 3/8" MULE SHOE EXPENDABLE CHECK (.95')

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

1- 2 3/8" 4.7# J-55 TBG JNT WHITE BAND (29.10').

1- 2 3/8" 4.7# PUP JNT MARKER (2.25').

220- 2 3/8" 4.7# J-55 TBG JNTS WHITE BAND (6,923.32').

1- 2 3/8" 4.7# J-55 PUP JNT (10.0').

1- 2 3/8" 4.7# J-55 TBG JNT WHITE BAND (32.40').

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





Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT 236

API: 3003921661	Field: DK	State: NEW MEXICO
	Sundry #:	Rig/Service: BWD 102

Operation

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

RIG UP AIR UNIT TO TUBING HEAD.

START AIR UNIT AT +/- 1,200 CFM WITH LIGHT MIST. PUMP 5 BBLS WATER WITH 5 GALS OF CORROSION INHIBITOR. DROP CHECK BALL. TEST TUBING STRING TO 550 PSI. TEST GOOD. RESTART AIR UNIT & PUMP OFF EXPENDABLE CHECK AT 1,500 PSI. CONTINUE WITH AIR/MIST/CORROSION INHIBITOR TO UNLOAD WELL FLUID.

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. WILL MOVE TO THE S.J. 28-7 #238N. WELL OPERATIONS COMPLETE.

MOVED IN CNJ TRUCKING, MOBILIZED ALL EQUIPMENT OFF WELLSITE.

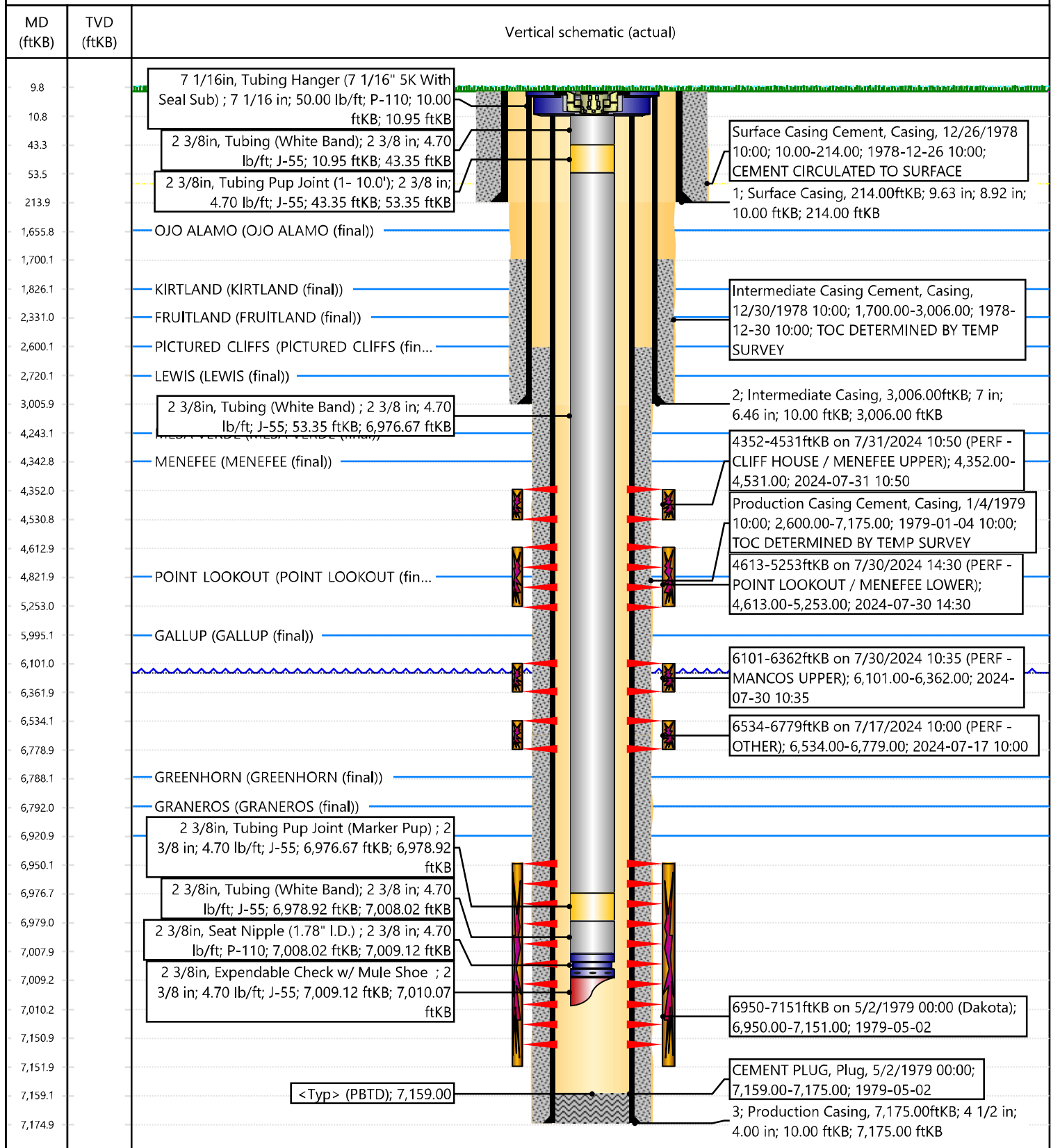


## Current Schematic - Version 3

Well Name: SAN JUAN 28-7 UNIT 236

API/ UWI 3003921661	Surface Legal Location 006-027N-007W-H	Field Name DK	Route 0901	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,178.00	Original KB/RT Elevation (ft) 6,188.00	Tubing Hanger Elevation (ft) 6,078.00	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft) 10.00	KB-Tubing Hanger Distance (ft) 110.00

## Original Hole [Vertical]





Hillcorp  
Lease ND-SF 078835-A  
S 6 T 27N R 7W

WITNESSED BY VIC MONTANA  
50 1/2 A. HAY  
HEC 55

45

40

35

30

25



June 20, 2024.

CHART NO. MC MP-1000-1HR

WellCheck of  
Farmington

Ryan [Signature]

CHART PUT ON

TAKEN OFF

LOCATION

San Juan 28-7#236

REMARKS

Line = 1 minute.

MIT CASING TEST.  
560psi

BRIDGE PLUG SET @ 6923' TO SURFACE

CAST IRON

Test.

560psi

30 MINUTES

CASING

MIT

PRINTED IN U.S.A.



## Cheryl Weston

---

**From:** Matthew Esz  
**Sent:** Monday, June 24, 2024 7:08 PM  
**To:** Cheryl Weston  
**Subject:** Fwd: [EXTERNAL] San Juan 28-7 Unit 236 CBL, 3003921661

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---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Monday, June 24, 2024 11:46:17 AM  
**To:** Matthew Esz <Matthew.Esz@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
**Subject:** RE: [EXTERNAL] San Juan 28-7 Unit 236 CBL, 3003921661

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

NMOCD approves to continue with recomplete into MV and Mancos formations through perforations from 4200 to 6837 with prior approval from the BLM.

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - monica.kuehling@emnrd.nm.gov

---

**From:** Matthew Esz <Matthew.Esz@hilcorp.com>  
**Sent:** Friday, June 21, 2024 10:33 AM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
**Subject:** [EXTERNAL] San Juan 28-7 Unit 236 CBL, 3003921661

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

Good morning,

Attached is the CBL we pulled on 6/20 for the San Juan 28-7 Unit 236 along with our approved recomplete NOI. The MIT was witnessed and passed on 6/20. We would like approval to continue the MV/MC recomplete within the approved NOI interval from 4200'-6837'.

Let me know if you need anything else.

Thanks,

**Matthew Esz**  
*Operations Engineer*  
San Juan South Asset Team  
**Hilcorp Energy Company**  
c: (770) 843-9226

---

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## Cheryl Weston

---

**From:** Matthew Esz  
**Sent:** Monday, August 12, 2024 4:11 PM  
**To:** Cheryl Weston  
**Subject:** FW: [EXTERNAL] San Juan 28-7 Unit 236 CBL, 3003921661

---

**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Friday, June 21, 2024 5:04 PM  
**To:** Matthew Esz <Matthew.Esz@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>  
**Subject:** Re: [EXTERNAL] San Juan 28-7 Unit 236 CBL, 3003921661

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

The BLM finds the proposed perforations appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

**From:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>  
**Sent:** Friday, June 21, 2024 10:32 AM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Subject:** [EXTERNAL] San Juan 28-7 Unit 236 CBL, 3003921661

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Good morning,

Attached is the CBL we pulled on 6/20 for the San Juan 28-7 Unit 236 along with our approved recomplete NOI. The MIT was witnessed and passed on 6/20. We would like approval to continue the MV/MC recomplete within the approved NOI interval from 4200'-6837'.

Let me know if you need anything else.

Thanks,

**Matthew Esz**  
*Operations Engineer*  
San Juan South Asset Team  
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---

**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 376895

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 376895
	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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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 376895

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 376895
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	8/26/2024