

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>	<div style="text-align: right;"> <b>C-104</b>                      Revised July 9, 2024                       Submit Electronically                      Via OCD Permitting                 </div>
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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 29-5 Unit 63	Property Code: 318837
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-20714
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
	17	29N	05W		1180' S	1180' W	36.721611	-107.3857803	Rio Arriba

**Section 3 – Completion Information**

Producing Method Flowing	Ready Date 9/22/2024	Perforations MD 5325' – 5828'	Perforations TVD 5325' – 5828'
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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. PENDING APPROVAL
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): YES	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 	
Title: Operations Regulatory Tech Sr.	Date 10/10/2024

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. **NMSF078281**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **Hilcorp Energy Company**

8. Lease Name and Well No. **SAN JUAN 29-5 UNIT 63**

3. Address **382 Road 3100, Aztec, NM 87410**

3a. Phone No. (include area code) **(505) 599-3400**

9. API Well No. **30-039-20714**

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

10. Field and Pool or Exploratory **Blanco Mesaverde**

At surface **M (SWSW) 1180 FSL & 1180 FWL**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 17, T29N, R05W**

At top prod. Interval reported below

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

At total depth

14. Date Spudded **10/11/1973**

15. Date T.D. Reached **10/26/1973**

16. Date Completed **9/22/2024**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* **6553' GL**

18. Total Depth: **8038'**

19. Plug Back T.D.: **8007'**

20. Depth Bridge Plug Set: MD **7802'**  
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CBL**

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" H-40	32.3		236'		225 cu ft.			
8 3/4"	7", J-55	20		3831'		196 cu ft.			
6 1/4"	4 1/2", J-55	10.5		8038'		642 cu ft.			

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"	5671'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Squeeze	5280	5280	1 SPF	0.42	4	Squeezed
B) Cliffhouse/Upper Menefee	5325	5479	1 SPF	0.35	31	Open
C) Lwr Menefee/Point Lookout	5543	5828	1 SPF	0.35	33	Open
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
<b>Cmt Squeeze</b>	50 SKS TOTAL, 10 BBL/SLURRY, 1.15 Y, 15.8# & 5 GAL/SX. 35 SKS OUTSIDE & 15 SKS CLASS G CMT INSIDE 4.5" CASING. DISPLACE 2 BBLs PASS THE SCCR WITH A TOTAL OF 21 BBLs.
<b>Cliffhouse/Upper Menefee (5325' - 5479')</b>	FRAC AT 60.0 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 816 BBLs SLICKWATER: 804 BBLs TOTAL ACID: 12 BBLs TOTAL 20/40 SAND: 128,227 LBS TOTAL N2: 1,311,000 SCF
<b>Lwr Menefee/Point Lookout (5543'-5828')</b>	FRAC AT 60.0 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 893 BBLs SLICKWATER: 869 BBLs TOTAL ACID: 12 BBLs TOTAL 20/40 SAND: 129,915 LBS TOTAL N2: 1,214,000 SCF

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/22/2024	9/22/2024	4	➔	0	47	1			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	SI - 130	SI - 240	➔	0	282	6		Producing	

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
			➔						
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 (Sold, 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	2615'	2831'	White, cr-gr ss	Ojo Alamo	2615'
Kirtland	2831'	3186'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2831'
Fruitland	3186'	3505'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3186'
Pictured Cliffs	3505'	3831'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3505'
Lewis	3831'	4514'	Shale w/ siltstone stingers	Lewis	3831'
Chacra	4514'	5096'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4514'
Cliffhouse	5096'	5417'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5096'
Menefee	5417'	5693'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5417'
Point Lookout	5693'	6117'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5693'
Mancos	6117'	6918'	Dark gry carb sh.	Mancos	6117'
Gallup	6918'	7663'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6918'
Greenhorn	7663'	7701'	Highly calc gry sh w/ thin lmst.	Greenhorn	7663'
Graneros	7701'	7835'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7701'
Dakota	7835'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7835'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

**WELL IS CURRENTLY PRODUCING AS A STANDALONE PENDING DHC APPROVAL. DK IS CURRENTLY SHUTIN MV NMNM 078415A**

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) Amanda Walker Title Operations/Regulatory Technician - Sr.  
 Signature  Date 10/10/2024

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.

Mandi Walker

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From: blm-afmss-notifications@blm.gov  
Sent: Friday, October 11, 2024 9:16 AM  
To: Mandi Walker  
Subject: [EXTERNAL] Well Name: SAN JUAN 29-5 UNIT, Well Number: 63, 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 29-5 UNIT**
- Well Number: **63**
- US Well Number: **3003920714**
- Well Completion Report Id: **WCR2024101193345**

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

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

**Well Name:** SAN JUAN 29-5 UNIT

**Well Location:** T29N / R5W / SEC 17 /  
SWSW / 36.721512 / -107.385071

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

**Well Number:** 63

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078281

**Unit or CA Name:** SAN JUAN 29-5  
UNIT--DK

**Unit or CA Number:**  
NMNM78415B

**US Well Number:** 3003920714

**Operator:** HILCORP ENERGY  
COMPANY

### Subsequent Report

**Sundry ID:** 2816367

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 10/10/2024

**Time Sundry Submitted:** 09:19

**Date Operation Actually Began:** 08/20/2024

**Actual Procedure:** The following well has been recompleted into the Mesaverde. The Dakota is currently shut-in pending DHC approval. Please see the attached for the recompletion operations.

### SR Attachments

**Actual Procedure**

SAN\_JUAN\_29\_5\_UNIT\_63\_RC\_SR\_Writeup\_20241010091716.pdf

Well Name: SAN JUAN 29-5 UNIT

Well Location: T29N / R5W / SEC 17 / SWSW / 36.721512 / -107.385071

County or Parish/State: RIO ARRIBA / NM

Well Number: 63

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF078281

Unit or CA Name: SAN JUAN 29-5 UNIT--DK

Unit or CA Number: NMNM78415B

US Well Number: 3003920714

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: AMANDA WALKER

Signed on: OCT 10, 2024 09:17 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST

City: HOUSTON State: TX

Phone: (346) 237-2177

Email address: MWALKER@HILCORP.COM

**Field**

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

**BLM Point of Contact**

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 10/11/2024

Signature: Matthew Kade

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well     Gas Well     Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. (include area code)

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

11. Country or Parish, State

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

## Additional Information

### Location of Well

0. SHL: SWSW / 1180 FSL / 1180 FWL / TWSP: 29N / RANGE: 5W / SECTION: 17 / LAT: 36.721512 / LONG: -107.385071 ( TVD: 0 feet, MD: 0 feet )

BHL: SWSW / 1180 FSL / 1180 FWL / TWSP: 29N / SECTION: / LAT: 36.721512 / LONG: 107.385071 ( TVD: 0 feet, MD: 0 feet )



## Well Operations Summary L48

**Well Name: SAN JUAN 29-5 UNIT #63**

API: 3003920714	Field: DK	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: RIGLESS 1

**Jobs**

**Actual Start Date:** 8/20/2024      **End Date:** 9/23/2024

Report Number	Report Start Date	Report End Date
1	8/20/2024	8/20/2024

Operation

MOB RIG AND EQUIPMENT TO LOCATION FROM BLACK HAWK YARD (50 MILE MOVE).  
 SPOT IN, R/U RIG AND EQUIPMENT. CHECK WELL PRESSURES, BH- 0 PSI, INT- 100 PSI, CSG- 136 PSI, TBG- 136 PSI. BDW IN 5 MIN.  
 N/D WELLHEAD. WORK ALL BUT 1 LOCK DOWN PIN FREE. WAIT ON EQUIPMENT FROM TOWN TO CUT OUT LOCK DOWN PIN AND CORRECT BOP BOLTS TO NIPPLE UP MUD CROSS AND BLOW DOWN SPOOL. CUT OUT REMAINING LOCK DOWN PIN. N/U MUD CROSS AND BLOW DOWN SPOOL.  
 R/U WELLCHECK SERVICES. PRESSURE TEST BOP. TEST FAILED DUE TO LEAKING BLIND RAMS. REPLACE RAM RUBBERS AND ACHIEVE GOOD TEST ON PIPE AND BLIND RAMS TO 2,500 PSI. R/D WELLCHECK SERVICES. HANG TEST BOP AND MUD CROSS EQUIPMENT DUE TO LOCK DOWN PIN ISSUES.  
 N/U BOP. R/U FLOOR AND HANDLING TOOLS. WORK STUCK TUBING HANGER FREE. PREP FOR SCANNING OPERATIONS.  
 DEBRIEF CREW. SECURE WELL AND LOCATION.  
 CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
2	8/21/2024	8/21/2024

Operation

CREW TRAVEL TO LOCATION.  
 START UP EQUIPMENT. HELD PJSM. CHECK WELL PRESSURES, BH- 0 PSI, INT- 100 PSI, CSG- 100 PSI, TBG- 100 PSI. BDW 5 MIN.  
 R/U TUBING SCANNERS. TOOH INSPECTING TUBING AS FOLLOWS,  
 188- YELLOW  
 53- BLUE  
 6- GREEN  
 3- RED  
 DOWNGRADED 62 JOINTS OUT OF 250 DUE TO PITTING AND INTERNAL CORROSION. R/D TUBING SCANNERS.  
 M/U STRING MILL ASSEMBLY. TALLY AND TIH WITH TUBING TO 5,900'. PICK UP REPLACEMENT TUBING. RUN STRING MILL TO 7,903'.  
 TOOH WITH 125 STANDS, L/D STRING MILL ASSEMBLY.  
 DEBRIEF CREW. SECURE WELL AND LOCATION.  
 CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
3	8/22/2024	8/22/2024

Operation

CREW TRAVEL TO LOCATION.  
 HOLD PJSM WITH RIG CREW ABOUT OPERATIONS. CHECK PSI ON WELL SITP 0#, SICP 80#, SIICP 90 PSI, BH 0#, BDW 5 MINS.  
 MU 4.5" CIBP. TIH 125 STDS OF 2.375" TBG TO 7,800'. **SET CIBP @ 7,800'**. LW W/120 BBLS & PUMP 130 BBLS TOTAL. PT TO 560 PSI FROM 7,800' TO SURFACE. (GOOD TEST)  
 TOOH 123 STDS OF 2.375" TBG.  
 RU BASIN WIRELINE, RUN CBL FROM 7,800' TO SURFACE W/650 PSI ON WELL. POOH & R/D WIRELINE.  
 PT 4.5" CASING TO 550 PSI FOR 10 MINS. (GOOD TEST)  
 SISW, DEBRIEF CREW & SDFN.  
 CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
4	8/23/2024	8/23/2024

Operation

CREW TRAVEL TO LOCATION.  
 HOLD PJSM WITH RIG CREW ABOUT OPERATIONS. CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP 2 PSI, BH 0#, BDW 2 SEC.  
 WAIT ON NMOCD REP & WELLCHECK. RU WELLCHECK. START BH TEST & CHARTED MIT TEST. NMOCD REP EILEEN MEDRANO ON LOCATION FOR TEST. (GOOD TEST)  
 RU BASIN WIRELINE. MU 4.5" **COMPOSITE BRIDGE PLUG. RIH & SET @ 5,910'**. POOH.  
 LW & PT 4.5" CASING TO 2500 PSI. LOST 100 PSI IN 15 MINS. BLEED DOWN PRESSURE.  
 RU WIRELINE. RIH W/PERF GUN TO 5,280' & WAIT ON APPROVAL FROM NMOCD TO PERF SQUEEZE HOLES. PERF SQUEEZES HOLE. POOH.  
 ATTEMPT TO CIRC DOWN 4.5" CASING OUT PERF HOLES @ 5,280 & UP THE INTER. CASING @ SURFACE. NO SUCCESS PUMPED 185 BBLS TOTAL BUT STILL ON A VACUUM. INFORMED ENGINEER. WAIT ON ORDER TO PROCEED. **APPROVAL TO PERFORM SQZ ATTACHED.**  
 SISW, DEBRIEF CREW & SDFN.  
 CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
5	8/24/2024	8/24/2024

Operation

CREW TRAVEL TO LOCATION.



## Well Operations Summary L48

**Well Name: SAN JUAN 29-5 UNIT #63**

**API: 3003920714**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: RIGLESS 1**

Operation

HOLD PJSM WITH RIG CREW ABOUT OPERATIONS. CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP 0 PSI, BH 0#, BDW 0 MINS.

MU 4.5" SEMI-COMPOSITE RETAINER. TIH 79 STDS OF 2.375" TBG. **SET SCCR @ 4975'**. RU AZTEC CEMENT PACKAGE. HOLD PJSM. STING OUT LW W/72 BBLs OF FW. STING BACK IN & PUMP 25 BBLs UNDER SCCR. INJEC RATE @ 2 BBLs/MIN W/280 PSI.

PUMP SQUEEZE PLUG. 50 SKS TOTAL, 10 BBL/SLURRY, 1.15 Y, 15.8# & 5 GAL/SX. 35 SKS OUTSIDE & 15 SKS CLASS G CMT INSIDE 4.5" CASING. DISPLACE 2 BBLs PASS THE SCCR WITH A TOTAL OF 21 BBLs. STING OUT W/460 PSI ON TBG. R/O W/40 BBLs.

TOOH 79 STDS OF 2.375" TBG. LD SETTING TOOL.

SISW, DEBRIEF CREW & SDFN.

CREW TRAVEL TO YARD.

Report Number 6	Report Start Date 8/26/2024	Report End Date 8/26/2024
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Operation

CREW TRAVEL TO LOCATION.

HOLD PJSM WITH RIG CREW ABOUT OPERATIONS. CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP 8 PSI, BH 0#, BDW 3 MINS.

MU 3-7/8" BIT. TIH 79 STDS TO 4,975' & TAG RETAINER.

SWIVEL UP & **DRILL OUT RETAINER @ 4975'**. TAG CEMENT @ 5,131' & CONTINUE DRILLING OUT CEMENT

TO 5,280'. CIRCULATE BOTTOMS UP W/95 BBLs. RD SWIVEL. PT TO 600 PSI. LOST 30 PSI IN 10 MINS.

LD 11 JTS & TOOH 79 STDS OF 2.375" TBG.

SISW, DEBRIEF CREW & SDFN.

CREW TRAVEL TO YARD.

Report Number 7	Report Start Date 8/27/2024	Report End Date 8/27/2024
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Operation

CREW TRAVEL TO LOCATION.

HOLD PJSM WITH RIG CREW ABOUT OPERATIONS. CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP 0 PSI, BH 0#, BDW 0 MINS.

RU BASIN WIRELINE, RUN CBL FROM 5,500' TO 3,450' W/600 PSI ON WELL. POOH. PT 4.5" CASING TO 600 PSI FOR 30 MINS. LOST 80 PSI IN 30 MINS.

RIH W/3.875" GAUGE RING TO 5,850'. (WIRELINE GOT STUCK @ 5,264' W/GR. WORKED AREA FINALLY GOT FREE) POOH & R/D WIRELINE.

ND BOP, ND 7" X 3K TBG HEAD. STUB UP 4.5" CASING. NU 7" X 5K TBG HEAD. PT VOID TO 2500 PSI. (GOOD TEST). NU BOP. FUNCTION TEST BOP.

MU 3-7/8" BIT & STRING MILL. RIH & TAG @ 5,223'. WORKED AREA. DID NOT SEE ANYMORE CHANGES IN SW. FINISH TIH TO 5,800'. TOOH. LD STRING MILL & BIT.

SISW, DEBRIEF CREW & SDFN.

CREW TRAVEL TO YARD.

Report Number 8	Report Start Date 8/28/2024	Report End Date 8/28/2024
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Operation

CREW TRAVEL TO LOCATION.

HOLD PJSM WITH RIG CREW ABOUT OPERATIONS. CHECK PSI ON WELL SITP 0#, SICP 0#, SIICP 0 PSI, BH 0#, BDW 0 MINS.

MU 4.5" RBP. TIH 82 STDS & 1 JT TO 5,230'. SET RBP.

MU TBG HANGER. RIH & LOCK DOWN PINS. ND BOP, BOLT ON WELLCHECKS 5K TEST FLANGE TO TBG HEAD. PT TO 3800 PSI FOR 30 MINS FROM RBP(5,230') TO SURFACE. (GOOD TEST) RD WELLCHECK. NU BOP & FUNCTION TEST. UNSET RBP.

LD 246 JTS OF 2.375" TBG ONTO TRAILER. LD RBP.

RD SWIVEL. RD RIG FLOOR. ND BOP. INSTALL FBH & NU 4" X 10K FRAC STACK. INSTALL TWC. PT FRAC STACK TO 4500 PSI W/CHART. LOSSING PRESSURE ON STACK BUT NO VISIBLE LEAKS. GOING TO RE-TEST FRAC STACK IN THE MORNING.

RD EQUIPMENT & PREP TO MOVE IN THE MORNING.

SISW, DEBRIEF CREW & SDFN.

CREW TRAVEL TO YARD.

Report Number 9	Report Start Date 9/17/2024	Report End Date 9/17/2024
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Operation

MOVE IN AND SPOT GORE N2 SERVICES AND BASIN WELL LOGGING.



## Well Operations Summary L48

**Well Name: SAN JUAN 29-5 UNIT #63**

**API: 3003920714**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: RIGLESS 1**

Operation

R/U BASIN WELL LOGGING. RIH AND CORRELATE TO LOG RAN ON 8-22-2024. **PERFORATE POINT LOOKOUT/LOWER MENELEE ZONE FROM 5,543' - 5,828' W/33 SHOTS, 0.35 DIA, 1 SPF.**

5,543'-5,544' (2 SHOTS), 5,552'-5,554' (3 SHOTS), 5,559'-5,560' (2 SHOTS), 5,581'-5,584' (4 SHOTS),  
5,671'-5,672' (2 SHOTS), 5,699'-5,701' (3 SHOTS), 5,708'-5,709' (2 SHOTS), 5,741'-5,473' (3 SHOTS),  
5,767'-5,770' (4 SHOTS), 5,778'-5,780' (3 SHOTS), 5,788'-5,789' (2 SHOTS), 5,826'-5,828' (3 SHOTS). ALL SHOTS FIRED.

RIG UP FRAC AND N2 EQUIPMENT. COOL DOWN N2 PUMPS.

PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 4500 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 5,000 PSI. GOOD TEST.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.

POINT LOOKOUT/LOWER MENELEE STIMULATION: (5,543' - 5,828')

FRAC AT 60.0 BPM W/ 70Q N2 FOAM.

TOTAL LOAD: 893 BBLS

SLICKWATER: 869 BBLS

TOTAL ACID: 12 BBLS

TOTAL 20/40 SAND: 129,915 LBS

TOTAL N2: 1,214,000 SCF

AVERAGE RATE: 59.0 BPM

MAX RATE: 68 BPM

AVERAGE PRESSURE: 2,208 PSI

MAX PRESSURE: 2,640 PSI

MAX SAND CONC: 4.0 PPG DOWNHOLE.

ISIP: 262 PSI

5 MIN: 100 PSI

SHUT DOWN BEFORE STARTING SAND DUE TO N2 LEAK.

**SET COMPOSITE BRIDGE PLUG (SELECT) AT 5,500'. PERFORATE CLIFFHOUSE/UPPER MENELEE FROM 5,325' - 5,479' W/ 31 SHOTS, 1 SPF, 0.35" DIA.**

5,325'-5,327' (3 SHOTS), 5,339'-5,340' (2 SHOTS), 5,368'-5,367' (2 SHOTS), 5,373'-5,375' (3 SHOTS),  
5,384'-5,386' (3 SHOTS), 5,391'-5,392' (2 SHOTS), 5,398'-5,401' (4 SHOTS), 5,405'-5,406' (2 SHOTS),  
5,415'-5,416' (3 SHOTS), 5,435'-5,437' (3 SHOTS), 5,455'-5,456' (2 SHOTS), 5,478'-5,479' (2 SHOTS). ALL SHOTS FIRED.

CLIFFHOUSE/UPPER MENELEE STIMULATION: (5,325' - 5,479')

FRAC AT 60.0 BPM W/ 70Q N2 FOAM.

TOTAL LOAD: 816 BBLS

SLICKWATER: 804 BBLS

TOTAL ACID: 12 BBLS

TOTAL 20/40 SAND: 128,227 LBS

TOTAL N2: 1,311,000 SCF

AVERAGE RATE: 58.0 BPM

MAX RATE: 66 BPM

AVERAGE PRESSURE: 2,710 PSI

MAX PRESSURE: 3,413 PSI

MAX SAND CONC: 4.0 PPG DOWNHOLE.

ISIP: 333 PSI

5 MIN: 290 PSI

RIH AND **SET COMPOSITE BRIDGE PLUG AT 5,002'**. BLEED OFF 4-1/2" CASING.

SHUT IN, SECURE WELL AND LOCATION.

RIG DOWN FRAC AND WIRELINE EQUIPMENT.

Report Number 10	Report Start Date 9/18/2024	Report End Date 9/18/2024
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Operation

TRAVEL FROM YARD TO SJ 30-6 UNIT 476. PICK UP EQUIPMENT AND MOVE TO SJ 29-5 UNIT 63.

SPOT EQUIPMENT AND START RIGGING UP. ND FRAC STACK. NU BOP. C/O TBG HANGER TO 2 3/8" TC-1A HANGER. INSTALL 2 WAY CHECK FOR PRESSURE TEST ON BOP.

PRESSURE TEST BLIND RAMS TO 250 PSI LOW SIDE. (GOOD TEST). HIGH SIDE TO 1500 PSI. (GOOD TEST).

PRESSURE TEST PIPE RAMS TO 250 PSI LOW SIDE. (GOOD TEST). HIGH SIDE TO 1500 PSI. (GOOD TEST).

STRAP AND PU J-55 4.7# TBG AND RIH TO 3000'. START AIR UNIT UNLOAD HOLE. CONTINUE RUNNING IN HOLE WITH TBG TO 5220' FIRST COMPOSITE BP.

PU AND RU POWER SWIVEL. PUT JUNK MIL 1' OFF PLUG @ 5220'. SDON

TRAVEL FROM LOCATION TO YARD.

Report Number 11	Report Start Date 9/19/2024	Report End Date 9/19/2024
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Operation

TRAVEL TO LOCATION FROM YARD.

HOLD PJSM WITH CREW ON LOCATION WITH CREW. SITP 0 PSI, SICP 0 PSI, SIBH 0 PSI.



## Well Operations Summary L48

**Well Name: SAN JUAN 29-5 UNIT #63**

**API: 3003920714**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: RIGLESS 1**

Operation

ST AIR MIST UNIT ESTABLISH CIRCULATION. 14 BPH, 1GAL SOAP AND 1 GAL OF INHIBITOR PER HOUR. 1300 PSI DROP DOWN TO 600 PSI. ST **DRILLING ON FIRST PLUG @ 5220'**. 30 MINS TO DRILL FIRST PLUG OUT, WELL MAKING LOTS OF SAND PER BUCKET TEST. 3 HRS CIRCULATION WHEN WELL STOPPED MAKING SAND. SHUT DOWN AIR MIST. RIH TO 5438' TAG SAND. START AIR MIST. 14 BPH, 1GAL SOAP AND 1 GAL OF INHIBITOR PER HOUR. WELL MAKING SAND AND PLUG PARTS AS PER BUCKET TEST. **DRILL THROUGH 2ND PLUG @ 5500'** RIH TO 5855' FIND SAND BRIDGE START AIR MIST. 14 BPH, 1GAL SOAP AND 1 GAL OF INHIBITOR PER HOUR. 600 PSI. WELL MAKING LOTS OF SAND PER BUCKET TEST. CIRCULATED 1.5 HRS WELL CLEANED UP PER BUCKET TEST.

POOH WITH SWIVEL LD 6 JNTS. RD SWIVEL HANG IN DERRICK. POOH STAND BACK 11 STANDS. EOT @ 4868'. SDON.

TRAVEL FROM LOCATION TO YARD

Report Number 12	Report Start Date 9/20/2024	Report End Date 9/20/2024
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Operation

TRAVEL FROM YARD TO LOCATION.

HOLD PJSM WITH CREW ON LOCATION. SITP 0 PSI, SICP 120 PSI AND SIBH 0 PSI.

RBIH FIND SAND BRIDGE @ 5754' PU SWIVEL.

ST AIR MIST UNIT. 14 BPH, 1 GAL SOAP AND 1 GAL INHIBITOR PER HOUR. 980 PSI ESTABLISH CIRCULATION PRESSURE DOWN TO 560 PSI. ST CLEAN OUT OF SAND DOWN TO 3RD PLUG @ 5910'. FOUND SAND BRIDGE @ 5754', WELL MAKING LOTS OF SAND PER BUCKET TEST. **TAG PLUG @ 5910' DRILLTHROUGH PLUG.** WELL MADE SAND AND PLUG PARTS PER BUCKET TEST. CIRCULATE FOR 1 HOUR LOOKING AT BUCKET TEST. WELL CLEAN AS PER BUCKET TEST. WORKED PIPE UP AND DOWN TOMAKE SURE CLEAN.

HAULED OFF 280 BBLs  
AIR UNIT PUMPED 240 BBLs  
STEEL TANK HAS 100 BBLs  
WELL MADE 140 BBLs FOR BOTH DAYS.

RD SWIVEL AND HANG IN DERRICK. LD 6 JNTS AND STAND BACK 12 STANDS. EOT @ 4931'.

TRAVEL FROM LOCATION TO YARD.

Report Number 13	Report Start Date 9/21/2024	Report End Date 9/21/2024
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Operation

TRAVEL FROM YARD TO LOCATION.

HOLD PJSM WITH CREW ON LOCATION. SITP 0 PSI, SICP 80 PSI AND SIBH 0 PSI

RBIH FIND TOP OF SAND BRIDGE @ 7770'. PU SWIVEL.

ST AIR MIST 14 BPH, 1 GAL SOAP AND 1 GAL INHIBITOR PER HOUR. ESTABLISH CIRCULATION. PRESSURE @ 950 PSI DOWN TO 600 PSI. WELL MAKING SAND AS PER BUCKET TEST. C/O TO 7780'.

40 BBLs PER AIR MIST UNIT  
80 BBLs HAULED OFF  
60 BBLs IN STEEL TANK TODAY

TIE BACK SWIVEL, POOH LD 69 JNTS AND STAND BACK 89 STANDS. LD JUNK MIL AND X-OVER. PU SWIVEL AND LD OFF RIG. PREP FLOOR TO RIH IN THE MORNING. SDON

2 DIFFRENT LIGHTING DELAYS.

TRAVEL FROM LOCATION TO YARD.

Report Number 14	Report Start Date 9/22/2024	Report End Date 9/22/2024
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Operation

TRAVEL FROM YARD TO LOCATION.

HOLD PJSM WITH CREW ON LOCATION. SITP 0 PSI, SICP 100 PSI AND SIBH 0 PSI. BLEED DOWN 7 MINS

PUMP 20 BBLs TO KILL WELL. RIH WITH 179 JTS 2-3/8" J-55, 4.7# TBG. DRIFT ALL TBG .EOT 5671.55' LAND TBG HANGER.

RD RIG FLOOR. ND BOP AND NU WELL TREE.

PUMP 5 BBLs FRESH WATER, (WAIT 5 MINS). DROP BALL (WAIT 5 MINS). PRESSURE UP TO 500 PSI MONITOR 5 MINS.(GOOD TEST). PUMP OFF PLUG BROKE BACK @ 750 PSI. SHUT DOWN UNIT.

RD ALL EQUIPMENT ON LOCATION. SCOPE DOWN PULLING UNIT AND MOVE OUT OF THE WAY.



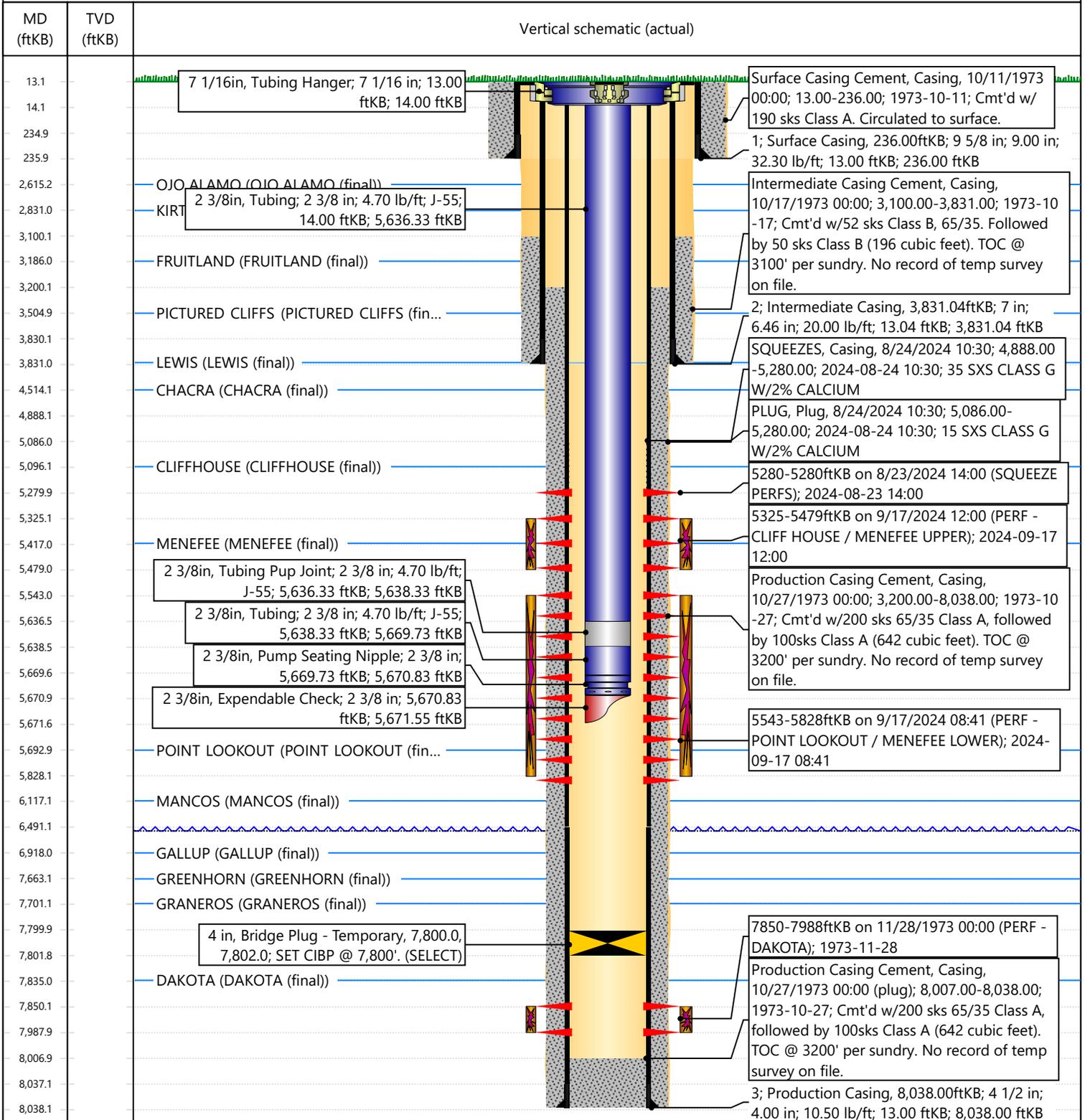
### Current Schematic - Version 3

Well Name: **SAN JUAN 29-5 UNIT #63**

API / UWI 3003920714	Surface Legal Location 017-029N-005W-M	Field Name DK	Route 1208	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,553.00	Original KB/RT Elevation (ft) 6,566.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Tubing Strings					
Run Date 9/22/2024 08:00	Set Depth (ftKB) 5,671.55	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 11/10/1973 00:00

### Original Hole [Vertical]





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test August 23, 2024 Operator Hilaris Energy Company API # 30-0 39-20714 Property Name San Juan 29.5 Well # 063 Location: Unit M Sec 17 Twn 29N Rge 05W

Land Type:

State Federal Private Indian

Well Type:

Water Injection Salt Water Disposal Gas Injection Producing Oil/Gas Pressure observation

Temporarily Abandoned Well (Y/N): TA Expires:

Casing Pres. Bradenhead Pres. Tubing Pres. Int. Casing Pres. Tbg. SI Pres. Tbg. Inj. Pres. Max. Inj. Pres.

Pressured annulus up to 565 psi. for mins. Test passed/failed

REMARKS: Last calibrated 3/26/24 CRP 7800' 1,000 spring Pressure dropped to 555psi - held last 10 minutes of test.

By B. C. (Operator Representative) Witness Eileen Meclano (NMOCD)

(Position)

Revised 02-11-02

Released to Imaging: 10/15/2024 2:43:55 PM

Received by OCD: 10/11/2024 12:18:17 PM

Page 14 of 21

Hilcorp Energy  
55 API# 30-039-20714

2017  
TWN 29W  
RNG-005N



Graphic Controls  
 CHART NO. 8-23-24  
 METER wellcheck MC MP-1000-1HR  
 CHART PUT ON V. Halas  
 LOCATION M  
 REMARKS MIT CASINO Test  
 50psi 30 minutes  
 TAKEN OFF M

**BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test August 23, 2024 Operator Hilcorp Energy Company API #30-039-20714  
Property Name San Juan 29-5 Well No. 063 Location: Unit M Section 17 Township 29N Range 05W  
Well Status (Shut-In or Producing) Initial PSI: Tubing Ø Intermediate Ø Casing Ø Bradenhead Ø

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

**PRESSURE**

**FLOW CHARACTERISTICS**

Testing TIME	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
5 min	Ø	Ø	Ø	Ø	Ø
10 min	Ø	Ø	Ø	Ø	Ø
15 min	Ø	Ø	Ø	Ø	Ø
20 min					
25 min					
30 min					

	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing		
Nothing		
Gas		✓ 1 sec Blowdown
Gas & Water	✓ 1 sec small small mud spit	
Water		

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR \_\_\_\_\_ FRESH \_\_\_\_\_ SALTY \_\_\_\_\_ SULFUR \_\_\_\_\_ BLACK \_\_\_\_\_

5 MINUTE SHUT-IN PRESSURE BRADENHEAD Ø INTERMEDIATE Ø

REMARKS:  
BH: Ø psi - 1 sec Gas Release w/ small spit of mud Ø psi - 5 min - Ø - 10 min, Ø - 15 min, Ø psi - after 5 minute shut in. Intermediate: Ø psi - 1 sec Gas Blowdown - Ø psi - 5 min, Ø psi - 10 min, Ø psi - 15 min - Ø psi - after 5 minute shut in.

By Bri Ceyu

Witness Riphan Medrano NIM/OCD

(Position)

mail address \_\_\_\_\_

Released to Imaging: 10/15/2024 2:43:55 PM

Received by OCD: 10/11/2024 12:18:17 PM

Mandi Walker

---

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Sent: Tuesday, August 27, 2024 11:28 AM  
To: Kade, Matthew H; Amanda Atencio; Rennick, Kenneth G  
Cc: Mandi Walker; Juan Cardenas; Brian Bradshaw  
Subject: RE: [EXTERNAL] San Juan 29-5 Unit 63 (3003920714)  
  
Categories: NMOCD

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

NMOCD approves to continue with MV completion through perforations from 5325 to 6117

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: Kade, Matthew H <mkade@blm.gov>  
Sent: Tuesday, August 27, 2024 9:30 AM  
To: Amanda Atencio <Amanda.Atencio@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Cc: Mandi Walker <mwalker@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>  
Subject: Re: [EXTERNAL] San Juan 29-5 Unit 63 (3003920714)

The BLM approves of the updated recompletion perf range of 5325' - 6117'.

*Matthew Kade*  
Petroleum Engineer  
BLM - Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402  
Office: (505) 564-7736

---

From: Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>  
Sent: Tuesday, August 27, 2024 9:22 AM

To: Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
Cc: Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>; Brian Bradshaw <[Brian.Bradshaw@hilcorp.com](mailto:Brian.Bradshaw@hilcorp.com)>  
Subject: RE: [EXTERNAL] San Juan 29-5 Unit 63 (3003920714)

All,

Please see the attached CBL that was ran on the 29-5 Unit 63 post cement remediation. Hilcorp is requesting approval to continue with our recomplete through modified perf range: 5,325' – 6,117'.

Please let me know if additional information is needed.

Thank you,

## Amanda Atencio

Operations Engineer – SJE  
Hilcorp Energy Company  
Office: (346) 237-2160  
Cell: (719) 393-2721

---

From: Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>  
Sent: Friday, August 23, 2024 3:01 PM  
To: Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
Cc: Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>  
Subject: RE: [EXTERNAL] San Juan 29-5 Unit 63 (3003920714)

Thank you, Kenny.

Verbal approval received from OCD, Monica Kuehling to proceed with cement remediation through squeeze holes at +/- 5,100' and 5,280'.

---

From: Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
Sent: Friday, August 23, 2024 1:45 PM  
To: Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
Cc: Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>  
Subject: Re: [EXTERNAL] San Juan 29-5 Unit 63 (3003920714)

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

The BLM approves the proposed cement remediation proposal.

Perforations for the proposed production interval will not be approved till after cement remediation work is complete.

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: Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>  
Sent: Friday, August 23, 2024 11:43 AM  
To: Kuehling, Monica, EMNRD <[monica.kuehling@emnrn.nm.gov](mailto:monica.kuehling@emnrn.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
Cc: Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>  
Subject: [EXTERNAL] San Juan 29-5 Unit 63 (3003920714)

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

Monica/Kenny/Matthew,

Please see the attached CBL that was ran during the recompleat wellbore prep for San Juan 29-5 Unit 63. Based on the CBL, we do not have adequate cement coverage above our zone of interest.

NOI approved interval: 5,096' – 6,117'  
Zone of Interest: 5,325' – 6,117'

We would like request approval to shoot squeeze holes within the NOI approved interval at +/- 5,100' and 5,280' and circulate cement behind the 4-1/2" production casing to achieve sufficient cement coverage above our intended uppermost perforation. The Current schematic is attached for reference.

Please let us know if you have any questions and if we may proceed with cement remediation as described.

Thank you,

**Amanda Atencio**

Operations Engineer – SJE  
Hilcorp Energy Company  
Office: (346) 237-2160  
Cell: (719) 393-2721

**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 392020

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 392020
	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.

**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  
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**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
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**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
 Action 392020

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 392020
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**CONDITIONS**

Created By	Condition	Condition Date
smcgrath	None	10/15/2024