

<p>           Santa Fe Main Office            Phone: (505) 476-3441 Fax: (55) 476-3462            General Information            Phone: (505) 629-6116         </p> <p>           Online Phone Directory Visit:  <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a> </p>	<p>           State of New Mexico            Energy, Minerals &amp; Natural Resources Department  <b>OIL CONSERVATION DIVISION</b> </p>	<p> <b>C-104</b>            Revised July 9, 2024            Submit Electronically            Via OCD Permitting         </p>
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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 30-5 UNIT 96	Property Code: 318433
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-23179
Pool Name: Blanco Mesaverde	Pool Code: 72319

## Section 2 – Surface Location

UL L	Section 28	Township 30N	Range 05W	Lot	Ft. from N/S 1830 S	Ft. from E/W 1140 W	Latitude 36.7814369	Longitude -107.3678665	County RIO ARRIBA
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### Section 3 – Completion Information

Producing Method Flowing	Ready Date 7/27/2024	Perforations MD 5382' – 6298'	Perforations TVD 5382' – 6298'
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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): PREVIOUS TO SYSTEM	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 5414
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 8/28/2024

\*\*Note: Extension Request granted 8/13/2024 via email, new C-104 RC due 9/30/2024 (S. McGrath)

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. <b>NMSF078739</b>	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr.,										6. If Indian, Allottee or Tribe Name	
Other: <b>Recomplete</b>										7. Unit or CA Agreement Name and No. PA NMNM 078419A	
2. Name of Operator <b>Hilcorp Energy Company</b>										8. Lease Name and Well No. <b>SAN JUAN 30-5 UNIT 96</b>	
3. Address <b>382 Road 3100, Aztec, NM 87410</b>					3a. Phone No. (include area code) <b>(505) 599-3400</b>					9. API Well No. <b>30-039-23179</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UL: L (NWSW) 1830' FSL &amp; 1140' FWL</b>  At top prod. Interval reported below  At total depth										10. Field and Pool or Exploratory <b>BLANCO MESAVERDE</b>	
14. Date Spudded <b>1/17/1984</b>										15. Date T.D. Reached <b>1/26/1984</b>	
16. Date Completed <b>7/27/2024</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.										17. Elevations (DF, RKB, RT, GL)* <b>6805' GR</b>	
18. Total Depth: <b>8221'</b>					19. Plug Back T.D.: <b>8200'</b>					20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL</b>										22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled		
<b>12 1/4"</b>	<b>9 5/8", H-40</b>	<b>32.3</b>		<b>362'</b>		<b>190 sx</b>					
<b>8 3/4"</b>	<b>7", K-55</b>	<b>20</b>		<b>4105'</b>		<b>190 sx</b>					
<b>6 1/4"</b>	<b>4 1/2", K55</b>	<b>11.6</b>		<b>8221'</b>		<b>350 sx</b>					
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
<b>2 3/8"</b>	<b>8118'</b>										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) <b>Cliffhouse/Menefee/Point Lookout</b>		<b>5382</b>	<b>6298</b>	<b>2 SPF</b>		<b>0.35</b>	<b>99</b>	<b>OPEN</b>			
B)											
C)											
D)											
26. Perforation Record											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval			Amount and Type of Material								
<b>Cliffhouse (5382' - 5689')</b>			FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 671 BBLS SLICKWATER: 659 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 100,569 LBS TOTAL N2: 1,043,000 SCF								
<b>Menefee (5716' - 5944')</b>			FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 442 BBLS SLICKWATER: 430 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 50,734 LBS TOTAL N2: 601,000 SCF								
<b>Point Lookout (5962' - 6298')</b>			FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 723 BBLS SLICKWATER: 711 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 100,614 LBS TOTAL N2: 1,044,000 SCF								
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		
<b>7/27/2024</b>	<b>7/27/2024</b>	<b>4 hrs</b>	<b>➡</b>	<b>0</b>	<b>68</b>	<b>0</b>			<b>Flowing</b>		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
<b>14/64"</b>	<b>780</b>	<b>490</b>	<b>➡</b>	<b>0</b>	<b>408</b>	<b>0</b>		<b>Producing</b>			
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		
			<b>➡</b>								
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
			<b>➡</b>								

\*(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	2830'	3057'	White, cr-gr ss	Ojo Alamo	2830'
Kirtland	3057'	3417'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3057'
Fruitland	3417'	3707'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3417'
Pictured Cliffs	3707'	4100'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3707'
Lewis	4100'	4815'	Shale w/ siltstone stringers	Lewis	4100'
Chacra	4815'	5378'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4815'
Cliffhouse	5378'	5692'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5378'
Menefee	5692'	5964'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5692'
Point Lookout	5964'	6355'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5964'
Mancos	6355'	7197'	Dark gry carb sh.	Mancos	6355'
Gallup	7197'	7916'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7197'
Greenhorn	7916'	7969'	Highly calc gry sh w/ thin lmst.	Greenhorn	7916'
Graneros	7969'	8096'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7969'
Dakota	8096'		Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8096'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

Well is now producing as a MV/DK commingle under DHC 5414  
MV: PA NMNM 078419A

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

8/28/2024

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.

# My Monitor for WCRID: 92821

<b>Operator Name</b>	<b>Well Name</b>	<b>Well Number</b>	<b>US Well Number</b>
HILCORP ENERGY COMPANY	SAN JUAN 30-5 UNIT	96	3003923179
<b>SHL</b>	<b>County</b>	<b>State</b>	<b>Lease Number(s)</b>
ALIQUOT: NWSW SEC: 28 TWN: 30N RNG: 5W	RIO ARRIBA	NM	NMSF078739
<b>Well Type</b>	<b>Well Status</b>	<b>Agreement Name</b>	<b>Agreement Number(s)</b>
CONVENTIONAL GAS WELL	PGW	SAN JUAN 30-5 UNIT--MV	NMNM78419A
<b>Allottee/Tribe</b>	<b>Well Pad Name</b>	<b>Well Pad Number</b>	<b>APD ID</b>
			96AIR7921AFEF

Well Completion Print Report

3160-4 Report

WCRx Worklist    **Process Model**

View all process activities in chronological order.

ID	Status	Activity	Completed By	Participant	Created Date	Deadline	Completed Date
101	Completed	Submit Well Completion Report	AMANDA WALKER	AMANDA WALKER	2024/8/28 5:17:00 AM		2024/8/28 5:29:00 AM
103	Completed	Initial Review	KENNETH G RENNICK	Adjudicator	2024/8/28 5:29:00 AM		2024/8/29 4:39:00 AM
105	Completed	Engineer Review	KENNETH G RENNICK	Engineer	2024/8/29 4:39:00 AM		2024/8/29 4:41:00 AM

Well Name: SAN JUAN 30-5 UNIT	Well Location: T30N / R5W / SEC 28 / NWSW / 36.781219 / -107.367264	County or Parish/State: RIO ARRIBA / NM
Well Number: 96	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078739	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003923179	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2808996

Type of Submission: Subsequent Report	Type of Action: Recompletion
Date Sundry Submitted: 08/28/2024	Time Sundry Submitted: 11:32
Date Operation Actually Began: 06/21/2024	

**Actual Procedure:** The following well has been recompleted into the Mesaverde and is now producing as a DHC with the existing Dakota. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

SAN\_JUAN\_30\_5\_UNIT\_96\_SR\_RC\_Writeup\_20240828113150.pdf

Well Name: SAN JUAN 30-5 UNIT	Well Location: T30N / R5W / SEC 28 / NWSW / 36.781219 / -107.367264	County or Parish/State: RIO ARRIBA / NM
Well Number: 96	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078739	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003923179	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: AUG 28, 2024 11:31 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: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 08/29/2024
Signature: Kenneth Rennick	



## Well Operations Summary L48

Well Name: SAN JUAN 30-5 UNIT #96

API: 3003923179

Field: DK

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: RIGLESS 1

## Jobs

Actual Start Date: 6/21/2024

End Date: 7/27/2024

Report Number 1	Report Start Date 6/21/2024	Report End Date 6/21/2024
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## Operation

RIG CREW TRAVELED TO SAN JUAN 30-5 UNIT 96.

MOVE SUPPORT EQUIPMENT TO LOCATION FROM THE SAN JUAN 30-5 UNIT 95. RIG WAS ALREADY ON LOCATION.

RIG UP RIG AND SUPPORT EQUIPMENT.

PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 74. TUBING 74. INT 0 PSI. BH 8 PSI. BH BLEW DOWN IN 20 SECONDS. CASING AND TUBING BLEW DOWN IN 2 MINUTES. NOTE: WIRELINE CAME IN YESTERDAY AND SET A 3 SLIP STOP IN TUBING ABOVE PLUNGER EQUIPMENT AND PUNCHED A HOLE TUBING.

ND WH. NU BOP. FUNCTION TEST.

UNSEAT TUBING HANGER. PULL HANGER TO RIG FLOOR AND REMOVE. TUBING STRING WEIGHT 38K. HAD TO WORK AND PULL 15K OVER TO GET TUBING MOVING. POSSIBLE FILL OR A BRIDGE. RIG UP TUBOSCOPE. SCAN OUT OF THE HOLE WITH 266 JOINTS OF 2 3/8" TUBING. RIG DOWN TUBOSCOPE. SCAN WENT AS FOLLOWS. 266 SCANNED. 204 YELLOW. 41 BLUE. 3 GREEN AND 18 RED.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE WEEKEND.

TRAVEL TO YARD

Report Number 2	Report Start Date 6/24/2024	Report End Date 6/24/2024
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## Operation

RIG CREW TRAVELED TO LOCATION.

PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. BH 8 PSI. BLEW DEAD IN 15 SECONDS. INT 0 PSI. CASING 50 PSI. TUBING N/A.

TIH WITH 3 7/8" BIT AND MILL TO 6230'. SHUT DOWN RIG OPS TO REPLACE BAD COMPRESSOR.

REPLACE AIR COMPRESSOR ON RIG.

TALLY. PICK UP AND TIH WITH TUBING FROM 6230' TO 8090' WITH 3 7/8" MILL AND BIT.

TRIP OUT OF THE HOLE WITH THE 3 7/8" BIT AND MILL FROM 8090'.

TIH WITH 2 3/8" TUBING AND 4 1/2" CIBP. SET PLUG AT 8050'.

LOAD HOLE WITH 117 BBLs OF 2 % KCL. PRESSURE TEST CASING TO 600 PSI FOR 10 MINUTES. TEST GOOD.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

Report Number 3	Report Start Date 6/25/2024	Report End Date 6/25/2024
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## Operation

RIG CREW TRAVELED TO LOCATION. CREW CAME OUT EARLY TODAY.

PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 0 PSI. TUBING 0 PSI. BH 8 PSI. BLEW DOWN IN 12 SECONDS. INT 0 PSI. NO BLOW DOWN DONE ON WELL. PERFS ARE ISOLATED

TRIP OUT OF THE HOLE WITH 2 3/8" TUBING AND THE SETTING TOOL FROM 8050'.

RIG UP BASIN WIRELINE. RIH WITH LOGGING TOOLS. RUN CBL FROM 8050' TO SURFACE UNDER PRESSURE AT 650 PSI. SEND LOGS TO ENGINEER AMANDA ATENCIO

RIG UP WELLCHECK. DO A 30 MINUTE CHARTED MIT TEST TO 560 PSI WITH OCD COMPLIANCE OFFICER CLARENCE SMITH ON LOCATION. TEST WAS GOOD. RIG DOWN TEST EQUIPMENT. SENT RESULTS TO ENGINEER AMANDA ATENCIO AND MANDI WALKER

RIH WITH WIRELINE. SET COMPOSITE BRIDGE PLUG AT 6350'. POOH WITH WIRELINE. RIG DOWN BASIN.

TRIP IN THE HOLE WITH 2 3/8" TUBING. COME OUT OF THE HOLE LAYING IT DOWN ON THE FLOAT. LAYED DOWN A TOTAL OF 5394'/174 JOINTS.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD. EXTRA TIME AT THE END OF THE DAY. CREW CAME OUT EARLY THIS MORNING TO GET READY FOR CBL AND MIT.

Report Number 4	Report Start Date 6/26/2024	Report End Date 6/26/2024
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## Operation

RIG CREW TRAVEL TO LOCATION.

PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 0 PSI. TUBING 0 PSI. BH 8 PSI. BLEW DEAD IN 15 SECONDS. INT 0 PSI. NO BLOW DOWN NEEDED. PERFS ISOLATED

TOOH LAYING DOWN 2656' OF 2 3/8" TUBING. TOTAL LAYED DOWN ON PIPE TRAILER 8050'.

ND 3K WH. WELD 4 1/2" CASING STUB UP. NU 5K WH. TEST VOID TO 1700 PSI FOR 5 MINUTES. TESTED GOOD. INSTALL FALSE BOTTOM HANGER IN WH. NU 10K FRAC STACK.

RIG UP WELL CHECK. TOP OFF FRAC STACK WITH WATER. PRESSURE TEST 4 1/2" CASING FROM CBP AT 6350' TO FRAC STACK AT A PRESSURE OF 4200 PSI FOR 30 MINUTES. TEST WAS GOOD AND CHARTED. RIG DOWN WELL CHECK. NOTIFIED ENGINEER AMANDA ATENCIO OF THE TEST RESULTS.

RIG DOWN RIG AND EQUIPMENT.


SHUT WELL IN. SECURE LOCATION. FRAC PREP IS COMPLETE. RIG RELEASED FROM THE SAN JUAN 30-5 UNIT 96.

Report Number 5	Report Start Date 7/22/2024	Report End Date 7/22/2024
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## Operation

CREW TRAVEL TO LOCATION.



<div><div>Hilcorp Energy Company</div><div>Well Operations Summary L48</div></div>		
Well Name: SAN JUAN 30-5 UNIT #96		
API: 3003923179	Field: DK Sundry #:	State: NEW MEXICO Rig/Service: RIGLESS 1
Operation		
MOVE IN AND SPOT GORE N2 SERVICES AND BASIN WELL LOGGING.		
R/U BASIN WELL LOGGING. RIH AND CORRELATE TO LOG RAN ON 6-25-2024. <b>PEFORATE POINT LOOKOUT FROM 5,962' - 6,298' WITH 31 SHOTS, .35" HOLES AT 2 SPF.</b> 5,962'-5,963' (2 SHOTS), 5,975'-5,977' (3 SHOTS), 5,993'-5,994' (2 SHOTS), 6,019'-6,021' (3 SHOTS), 6,042'-6,043' (2 SHOTS), 6,051'-6,052' (2 SHOTS), 6,095'-6,096' (2 SHOTS), 6,108'-6,109' (2 SHOTS), 6,127'-6,128' (2 SHOTS), 6,141'-6,143' (3 SHOTS), 6,179'-6,180' (2 SHOTS), 6,232'-6,233' (2 SHOTS), 6,290'-6,291' (2 SHOTS), 6,297'-6,298' (2 SHOTS). POOH. 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 STIMULATION: (5,962' - 6,298')		
FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 723 BBLS SLICKWATER: 711 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 100,614 LBS TOTAL N2: 1,044,000 SCF AVERAGE RATE: 59.9 BPM MAX RATE: 63.1 BPM AVERAGE PRESSURE: 2,240 PSI MAX PRESSURE: 2,614 PSI MAX SAND CONC: 4.0 PPG DOWNHOLE. ISIP: 404 PSI 5 MIN: 88 PSI 10 MIN: 47 PSI LOST N2 PUMP MID WAY THROUGH STAGE. MADE UP RATE WITH OTHER PUMPS.		
<b>SET COMPOSITE BRIDGE PLUG (SELECT) AT 5,956'. PERFORATE MENELEE FROM 5,716' - 5,944' WITH 34 SHOTS, .35" AT 2 SPF.</b> EH IN 2 RUNS. 5,716'-5,717' (2 SHOTS), 5,722'-5,724' (3 SHOTS), 5,739'-5,740' (2 SHOTS), 5,753'-5,754' (2 SHOTS), 5,762'-5,764' (3 SHOTS), 5,785'-5,786' (2 SHOTS), 5,791'-5,792' (2 SHOTS), 5,816'-5,817' (2 SHOTS), 5,831'-5,832' (2 SHOTS), 5,840'-5,842' (3 SHOTS), 5,855'-5,856' (2 SHOTS), 5,912'-5,914' (3 SHOTS), 5,927'-5,928' (2 SHOTS), 5,932'-5,933' (2 SHOTS), 5,943'-5,944' (2 SHOTS). POOH. ALL SHOTS FIRED.		
MENELEE STIMULATION: (5,716' - 5,944')		
FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 442 BBLS SLICKWATER: 430 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 50,734 LBS TOTAL N2: 601,000 SCF AVERAGE RATE: 60.0 BPM MAX RATE: 61.6 BPM AVERAGE PRESSURE: 2,462 PSI MAX PRESSURE: 2,530 PSI MAX SAND CONC: 4.0 PPG DOWNHOLE. ISIP: 953 PSI 5 MIN: 351 PSI 10 MIN: 298 PSI		
<b>SET COMPOSITE BRIDGE PLUG (SELECT) AT 5,702'. PERFORATE CLIFFHOUSE ZONE FROM 5,382' - 5,689' WITH 34 SHOTS, .35" AT 2 SPF</b> EH IN 2 RUNS. 5,382'-5,384' (3 SHOTS), 5,413'-5,414' (2 SHOTS), 5,448'-5,450' (3 SHOTS), 5,473'-5,474' (2 SHOTS), 5,519'-5,520' (2 SHOTS), 5,600'-5,601' (2 SHOTS), 5,613'-5,614' (2 SHOTS), 5,618'-5,619' (2 SHOTS), 5,627'-5,629' (3 SHOTS), 5,642'-5,644' (3 SHOTS), 5,656'-5,657' (2 SHOTS), 5,666'-5,667' (2 SHOTS), 5,671'-5,672' (2 SHOTS), 5,681'-5,682' (2 SHOTS), 5,688'-5,689' (2 SHOTS). POOH, ALL SHOTS FIRED.		
CLIFFHOUSE STIMULATION: (5,382' - 5,689')		
FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 671 BBLS SLICKWATER: 659 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 100,569 LBS TOTAL N2: 1,043,000 SCF AVERAGE RATE: 60.1 BPM MAX RATE: 61.3 BPM AVERAGE PRESSURE: 2,360 PSI MAX PRESSURE: 2,575 PSI MAX SAND CONC: 4.0 PPG DOWNHOLE. ISIP: 701 PSI 5 MIN: 315 PSI 10 MIN: 309 PSI		
RIH W/WIRELINE AND <b>SET COMPOSITE BRIDGE PLUG AT 5,050'.</b> BLEED OFF 4-1/2" CASING. SHUT IN, SECURE WELL AND LOCATION.		
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## Well Operations Summary L48

Well Name: SAN JUAN 30-5 UNIT #96

API: 3003923179

Field: DK

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 1

Operation

RIG DOWN FRAC AND WIRELINE EQUIPMENT.

Report Number

6

Report Start Date

7/23/2024

Report End Date

7/23/2024

Operation

MOVE RIG FROM THE SAN JUAN 30-5 #95 TO THE SAN JUAN 30-5 #96  
(4 MILE MOVE). SPOT RIG AND EQUIPMENT. TIGHT CONGESTED LOCATION.

RIG UP.

SITP: 0 PSI  
SICP: 0 PSI  
SIIC: 0 PSI  
SIBH: 0 PSI  
NO BLOW DOWN

NIPPLE DOWN FRAC STACK. INSTALL TUBING HANGER WITH BPV INSTALLED.  
NIPPLE UP BOPE,

RIG UP WELLCHECK AND PRESSURE TEST BOPE, 250 PSI LOW AND 2500 PSI HIGH  
BLIND AND PIPE RAMS, GOOD TEST, REMOVE HANGER.

PICK UP 3 7/8" JUNK MILL AND TRIP IN HOLE PICKING UP 120 JOINTS OF 2 3/8" TUBING.  
EOT AT 3780'.

SECURE WELL AND TRAVEL TO YARD.

Report Number

7

Report Start Date

7/24/2024

Report End Date

7/24/2024

Operation

CREW TRAVEL TO LOCATION.

SERVICE AND START EQUIPMENT

SITP: 0 PSI  
SICP: 0 PSI  
SIBH: 0 PSI  
SIIC: 0 PSI  
NO BLOW DOWN

TRIP IN THE HOLE PICKING UP TUBING, TAG PLUG #1 5050

PICK UP POWER SWIVEL.  
UNLOAD WATER, ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
**DRILL PLUG #1 AT 5050'.** WELL MAKING UP TO 1/4 BUCKET OF SAND DOWN TO A CUP PER SAMPLE.  
PICK UP TUBING, TAG 20' OF FILL AT 5682'.

ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
CLEAN OUT SAND 5682' TO 5702' **DRILL PLUG #2 AT 5702'.**  
HANG SWIVEL BACK, TRIP IN HOLE PICKING UP TUBING, TAG AT 5926

TAG 30' OF SAND AND PLUG PARTS ON PLUG #3 AT 5926'  
ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
CLEAN OUT 5926' TO 5956' **DRILL PLUG #3 AT 5956'.**  
TRIP IN THE HOLE TAG AT 6194'

TAG 156' OF SAND AND PLUG PARTS ON PLUG #4 AT 6194'  
ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM  
WITH 14 BBLS WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR.  
CLEAN OUT 6194' TO 6350' **DRILL PLUG #4 AT 6350'.**

F-485 FOAMER- 10 GALLONS.  
CRW-9152A INHIB - 10 GALLONS.  
DIESEL FUEL - 300 GALLONS.  
WATER- 150 BBLS

TRIP OUT OF THE HOLE ABOVE PERFS TO 5300'.

SECURE WELL AND TRAVEL TO YARD.

Report Number

8

Report Start Date

7/25/2024

Report End Date

7/25/2024

Operation

CREW TRAVEL TO LOCATION.



Well Operations Summary L48

Well Name: SAN JUAN 30-5 UNIT #96

API: 3003923179	Field: DK	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Operation		
SERVICE AND START EQUIPMENT . SITP: 0 PSI SICP: 980 PSI SIBH: 0 PSI SIIC: 0 PSI BLEED DOWN WELL 60 MINUTES		
TRIP IN HOLE WITH 19 STANDS, CONTINUE TO TRIP IN THE HOLE PICKING UP TUBING. TAG 15' OF SAND AND PLUG PARTS AT 8035' PICK UP SWIVEL		
ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM WITH 14 BBLs WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR. CLEAN OUT 8035' TO 8050'. <b>DRILL PLUG #5 AT 8050'</b> CHASE DOWN HOLE AND CLEANOUT TO 8160'. PBSD AT 8200'. RETURNS ARE UP TO 1 CUP OF SAND DOWN TO 1/2 CUP.		
HANG SWIVEL BACK, TRIP OUT OF THE HOLE WITH MILLING ASSEMBLY. PUMP 25 BBL CONTINUOUS KILL.		
RIG WELLCHECK HYDRO TEST UNIT.		
SECURE WELL AND LOCATION		
CREW TRAVEL TO TOWN.		
Report Number 9	Report Start Date 7/26/2024	Report End Date 7/26/2024

Operation		
CREW TRAVEL TO LOCATION. SERVICE AND START EQUIPMENT.		
SERVICE AND START EQUIPMENT . SITP: 0 PSI SICP: 980 PSI SIBH: 0 PSI SIIC: 0 PSI BLEED DOWN WELL 60 MINUTES		
SAFETY MEETING, RIG UP WELLCHECK, KILL WELL WITH 40 BBLs CONTINUOUS KILL TRIP IN THE HOLE HYDRO TESTING TUBING TO 5500 PSI. NO FAILED JOINTS. RIG DOWN WELLCHECK.		
TAG 35' OF FILL AT 8125' PICK UP SWIVEL, PUMP OFF PLUG AT 1300 PSI. ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM WITH 14 BBLs WATER 1 GALLON OF FOAMER, 1 GALLON INHIBITOR PER HOUR. CLEAN OUT 8125' TO 8160'. CIRCULATE WELL CLEAN. MAKING UP TO A 1/4 BUCKET OF SAND PER SAMPLE.		
LAND TUBING AS FOLLOWS: . (1)- 2 3/8" PUMP OUT PLUG (.95') (1)- 2 3/8" X 1.78 SEAT NIPPLE (1.10') (1)- 2 3/8" 4.7# J-55 TBG (31.50') (1)- 2 3/8" X 2' MARKER JOINT. (262)- 2 3/8" 4.7# J-55 TBG (8026.37') (3)- 2 3/8" X 4', 8', PUP JTS (1)- 2 3/8" 4.7# J-55 TBG (30.85') (1)- 2 3/8" X 5K TUBING HANGER . EOT @ 8118' SEAT NIPPLE @ 8116' PBSD @ 8200' CLEANED OUT TO 8160' (JUNK)		
RIG DOWN FLOOR, NIPPLE DOWN BOPE, NIPPLE UP WELLHEAD. RIG DOWN UNIT AND AIR COMPRESSOR. RIG DOWN, RIG RELEASED TO THE SAN JUAN 30-5 #72M		
SECURE WELL AND LOCATION		
CREW TRAVEL TO TOWN.		

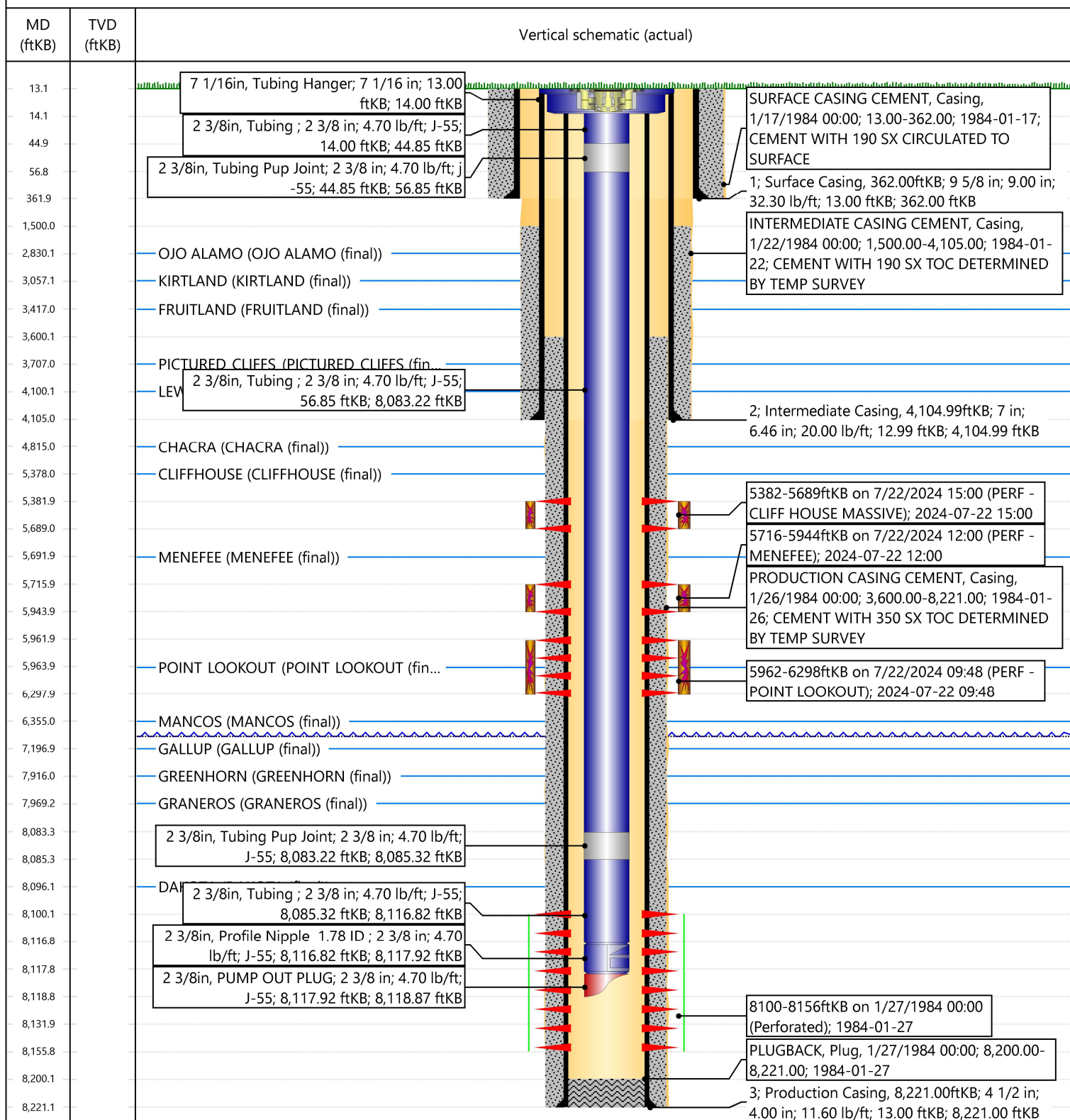


## Current Schematic - Version 3

Well Name: SAN JUAN 30-5 UNIT #96

API / UWI 3003923179	Surface Legal Location 028-030N-005W-L	Field Name DK	Route 1204	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,805.00	Original KB/RT Elevation (ft) 6,818.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
<b>Tubing Strings</b>					
Run Date 7/26/2024 16:00	Set Depth (ftKB) 8,118.87	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 1/17/1984 00:00

## Original Hole [Vertical]





[illegible]

**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 379200

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 379200
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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

CONDITIONS

Action 379200

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 379200
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	8/30/2024