

Well Name: SAN JUAN 27-4 UNIT	Well Location: T27N / R4W / SEC 20 / NWSW / 36.556137 / -107.279175	County or Parish/State: RIO ARRIBA / NM
Well Number: 48	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080669	Unit or CA Name: SAN JUAN 27-4 UNIT--DK	Unit or CA Number: NMNM78408B
US Well Number: 3003920147	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2744930

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 08/10/2023

Time Sundry Submitted: 04:23

Date Operation Actually Began: 05/19/2023

Actual Procedure: The subject well was recompleted into the Mesaverde. Please see attached reports.

SR Attachments

Actual Procedure

SJ_27_4_Unit_48_RC_Subsequent_Sundry_20230810162302.pdf

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NWSW / 36.556137 / -107.279175

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ARRIBA / NM

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

Unit or CA Number:
NMNM78408B

US Well Number: 3003920147

Well Status: Producing Gas Well

Operator: HILCORP ENERGY
COMPANY

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CHERYLENE WESTON

Signed on: AUG 10, 2023 04:23 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: 08/11/2023

Signature: Kenneth Rennick

San Juan 27-4 Unit 48

API # 30-039-20147

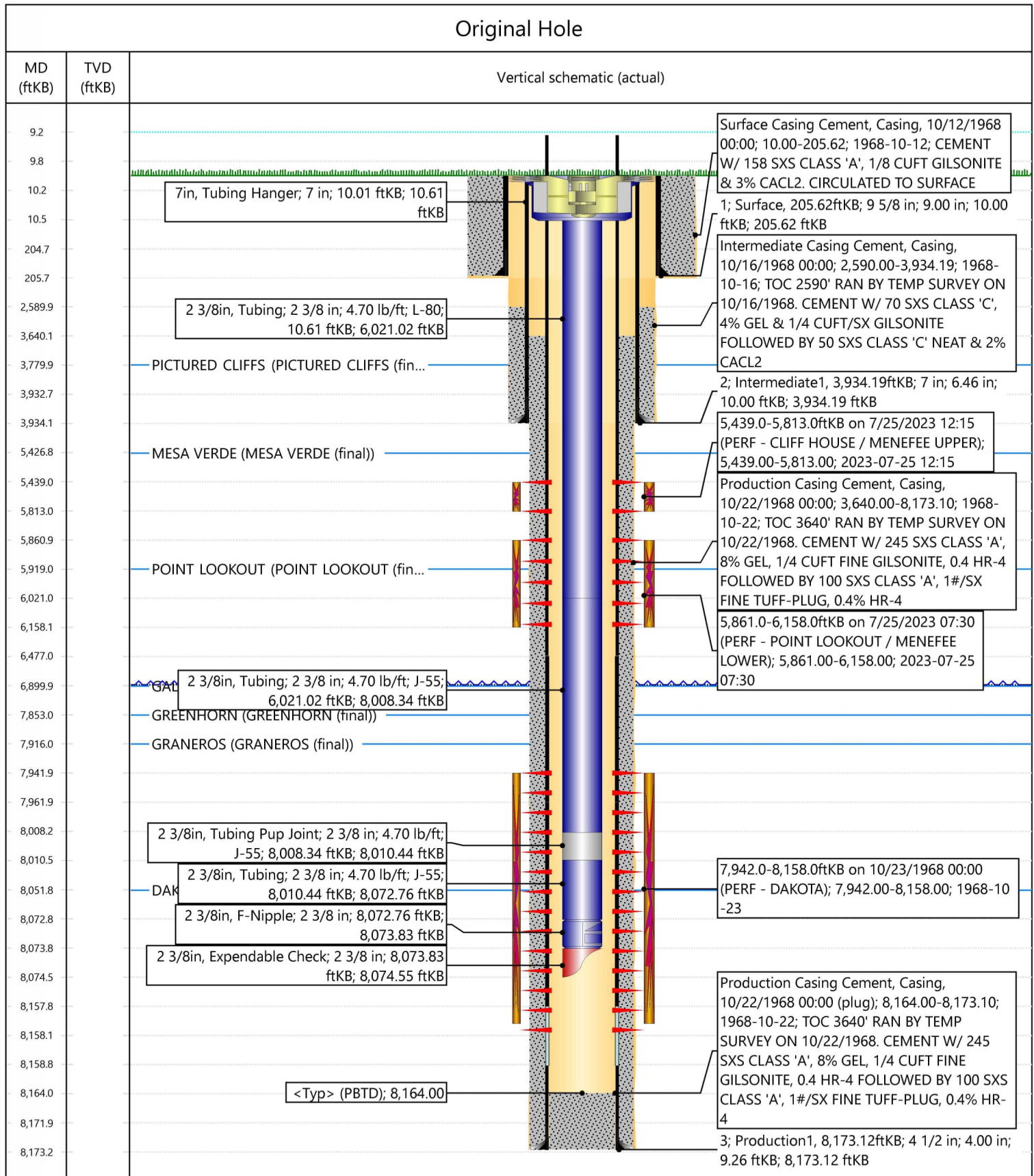
Recomplete Subsequent Sundry

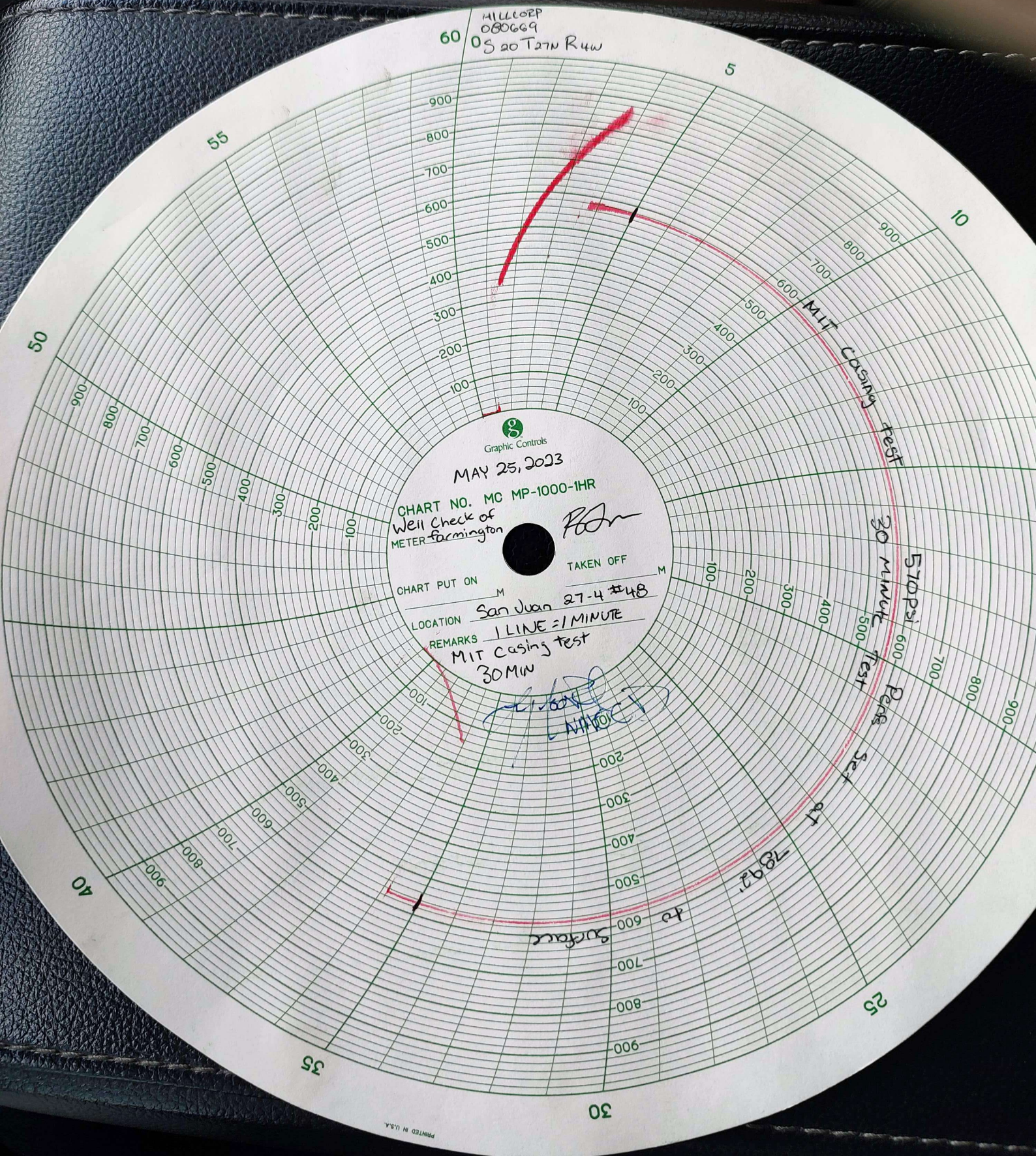
- 5/19/2023 SICP-130 PSI, SITP-100 PSI, SIICP-0 PSI, SIBHP-0 PSI. MIRU. BDW. ND WH, NU BOP & FT. RU FLOOR. PULL TBG HNGR. RU TBG SCANNERS. TOO H SCANNING TBG. RD SCANNERS. TIH W/SCRAPER. COULD'T GO PAST TBG HEAD. SISW. SDFN.
- 5/22/2023 ROADS EXTREMELY MUDDY. COULD NOT MAKE IT TO LOCATION.
- 5/23/2023 SICP-225 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. BDW. RIH W/ 30 STNDS. RIH, SET 4-1/2" RBP @ 1,000'. PT TO 300 PSI. ND BOP & TBG HEAD. STUB UP CSG. NU 5K TBG HEAD. PT VOID. GOOD TEST. NU BOP. UNSET RBP. MU 3-7/8" TRI-CONE BIT & PADDED SCRAPER. RIH W/ 58 STNDS. SISW. SDFN.
- 5/24/2023 SICP-200 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. BDW. CONT RIH W/ SCRAPER TO PERFS @ 7,942'. NO RESTRICTIONS. POOH. RIH, SET 4-1/2" CIBP @ 7,892'. CIRC CLEAN, LOAD CSG. PT TO 700 PSI. GOOD TEST. LD 57 JTS. TOO H REM 100 STNDS. SISW. SDFN.
- 5/25/2023 SICP-0 PSI, SITP-N/A PSI, SIICP-0 PSI, SIBHP-0 PSI. MIRU BASIN WL. PULL CBL. MIRU WELLCHECK. PERFORM BH TEST X 30 MIN. GOOD TEST. PERFORM MIT 570 PSI X 30 MIN, WITNESSED BY LENNY MOORE, NMOC. GOOD TEST. RIH, SET 4-1/2" CBP @ 6,272'. POOH. RD BASIN WL. ND BOP, NU TEST FLANGE. TOP OFF INT CSG. PT CSG TO 4,000 PSI X 30 MIN. GOOD TEST. RDMO WELLCHECK. ND TEST FLANGE & NU BOP. SISW. SDFN.
- 5/26/2023 SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. POOH, LD 200 JTS. ND BOP, NU WH. TOP OFF WB W/ FLUID. RD.
- 7/13/2023 ND WH, NU 7" X 5K FRAC STACK, TEST STACK AND CASING TO 4,000 PSI FOR 15 MINUTES.
- 7/25/2023 RIG UP BASIN WL. RIH, PERF STAGE 1 (PT LOOKOUT/LOWER MENEFE) W/0.33", 1 SPF @ 5861, 5890, 5905, 5926, 5946, 5958, 5969, 5977, 5992, 6004, 6013, 6020, 6031, 6040, 6056, 6063, 6073, 6125, 6138, 6158' (20 HOLES). RU FRAC CREW. FRAC STAGE 1: BDW WITH WATER & 500 GAL 15% HCL. FOAM FRAC'D PT LOOKOUT/LOWER MENEFE WITH 125,174 LBS 20/40 SAND, 43,680 GAL SLICKWATER AND 1.60M SCF N2 70 Q. RIH, SET FRAC PLUG @ 5,835'. PERF STAGE 2, (CLIFFHOUSE/UPPER MENEFE) W/0.33", 1 SPF @ 5439, 5454, 5463, 5476, 5486, 5499, 5505, 5516, 5536, 5557, 5568, 5604, 5629, 5653, 5675, 5693, 5733, 5765, 5795, 5813' (20 HOLES). POOH. FRAC STAGE 2: BDW WITH WATER & 500 GAL 15% HCL. FOAM FRAC CLIFFHOUSE /UPPER MENEFE WITH 125,090 LBS 20/40 SAND, 45,486 GAL SLICKWATER AND 1.61M SCF N2 70 Q. SET CBP @ 5,255'. BLEED OFF, PLUG HELD. SIW, RD. TOTAL FRAC LOAD = 2147 BBLS (INCL 24 BBLS OF ACID). TOTAL SAND = 250,264 LBS. TOTAL N2 = 3.21M SCF.
- 7/28/2023 SICP-0 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. MIRU. WELL DEAD. LAND HANGER W/ 2-WAY CHECK. ND FRAC STACK, NU BOP & PT. GOOD TEST. PULL HANGER. RU RIG FLOOR. TIH W/ 3-3/4" 3-BLADE MILL & BIT SUB, STOP @ 2,950'. UNLOAD WELL. TIH. TAG PLUG #1 @ 5,237'. SIWS. SDFN.
- 7/29/2023 SICP-0 PSI, SITP-0 PSI, (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. RU PWR SWVL/AIR. UNLOAD WELL. TIH, DO PLUG #1 @ 5,248'. HANG BACK PWR SWVL. TIH, TAG FILL @ 5,827'. RU PWR SWVL/AIR. DO PLUG #2. HANG BACK PWR SWVL. TIH, TAG 180' FILL @ 6,092'. RU SWVL/AIR. CO TO PLUG #3. TAG PLUG @ 6,262'. DO PLUG #3. VERIFY PLUG IS GONE. SISW. SDFN.
- 7/30/2023 SICP-620 PSI, SITP-0 PSI, (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. OPEN WELL UP. TAG PLUG #4 @ 7,896'. RU PWR SWVL/AIR. CIRC WELL. DO PLUG #4. RIH, TAG FILL/PLUG PARTS @ 8,131'. SLOWLY MADE TO TD. CO TO PBTD @ 8,164'. CIRC WELL CLEAN. HANG BACK PWR SWVL. TOO H 45 STNDS. SISW. SDFN.
- 7/31/2023 SICP-560 PSI, SITP-0 PSI, (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. OPEN WELL UP. CONT TOO H. TIH, LAND 260 JTS 2-3/8", 4.7#, J-55 TBG @ 8074'. RD FLOOR. ND BOP, NU WH. DROP BALL & PT TO 500 PSI. GOOD TEST. PUMP OFF EXP CHECK, UNLOAD WELL. RDRR.

This well is currently producing as a Mesaverde/Dakota commingle with Gas Allowable C-104 waiting on RC C-104 approval.

Well Name: **SAN JUAN 27-4 UNIT #48**

API / UWI 3003920147	Surface Legal Location 020-027N-004W-L	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1401	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,871.00	Original KB/RT Elevation (ft) 6,881.00	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	





Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Tuesday, August 15, 2023 7:02 AM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: SAN JUAN 27-4 UNIT, Well Number: 48, 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 27-4 UNIT**
- Well Number: **48**
- US Well Number: **3003920147**
- Well Completion Report Id: **WCR2023081488902**

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. NMSF080669	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,										6. If Indian, Allottee or Tribe Name	
Other: RECOMPLETE										7. Unit or CA Agreement Name and No. San Juan 27-4 Unit	
2. Name of Operator Hilcorp Energy Company										8. Lease Name and Well No. San Juan 27-4 Unit 48	
3. Address 382 Rd 3100, Aztec NM 87410					3a. Phone No. (include area code) (505) 333-1700					9. API Well No. 30-039-20147	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit L (NWSW), 1750' FSL & 850' FWL										10. Field and Pool or Exploratory Blanco Mesaverde	
At top prod. Interval reported below Same as above										11. Sec., T., R., M., on Block and Survey or Area Sec. 20, T27N, R4W	
At total depth Same as above										12. County or Parish Rio Arriba	
14. Date Spudded 10/12/1968										13. State New Mexico	
15. Date T.D. Reached 10/22/1968					16. Date Completed 8/1/2023 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.					17. Elevations (DF, RKB, RT, GL)* 6,871'	
18. Total Depth: 8,173'					19. Plug Back T.D.: 8,164'					20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL										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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled		
13 3/4"	9 5/8" H-40	32.3#	0	206'	n/a	158 sx					
8 3/4"	7" J-55	20#	0	3,934'	n/a	120 sx					
6 1/4"	4-1/2" J-55	10.5#, 11.6#	0	8,173'	n/a	345 sx					
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2 3/8"	8,074'										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Cliffhouse /Upper Menefee		5,439'	5,813'	1 SPF		.33"	20	open			
B) Point Lookout/Lower Menefee		5,861'	6,158'	1 SPF		.33"	20	open			
C)											
D)											
TOTAL							40				
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval		Amount and Type of Material									
5439-5813		Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 35,868 gal 70 Q slickwater, 100,038# 20/40 sand, 1.29M SCF N2.									
5861-6158		Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 43,680 gal 70 Q slick water, 125,174# 20/40 sand, 1.60M 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		
8/1/2023	8/1/2023	4		0	103 mcf	0 bbls	n/a	n/a	Flowing		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
22/64"	540 psi	460 psi		0	103 mcf/d	0 bwpd	n/a	Producing			
28a. Production - Interval B											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

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		0	White, cr-gr ss	Ojo Alamo	
Kirtland		0	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland		3780	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs	3,780'	0	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,780'
Lewis		0	Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite		0,000'	White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		5,427'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	5,427'	0,000'	Light gry, med-fine gr ss, carb sh & coal	Cliff House	5,427'
Menefee		5,919'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,919'	0,000'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,919'
Mancos		6,900'	Dark gry carb sh.	Mancos	
Gallup	6,900'	7,853'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,900'
Greenhorn	7,853'	7,916'	Highly calc gry sh w/ thin lmst.	Greenhorn	7,853'
Graneros	7,916'	8,052'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7,916'
Dakota	8,052'	7236'	Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8,052'
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/DK commingle per DHC-5303. MV PA - NMNM078408A

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 8/10/2023

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 252478

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 252478
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
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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 252478

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 252478
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	8/17/2023