

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: SAN JUAN 27-5 UNIT 141	Property Code: 318920
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-20465
Pool Name: BASIN MANCOS	Pool Code: 97232

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	30	027N	005W	3	1460' South	1190' West	36.54201	-107.40529	RIO ARRIBA

Section 3 – Completion Information

Producing Method Flowing	Ready Date 1/31/2025	Perforations MD 6300'-6698'	Perforations TVD 6300'-6698'
-----------------------------	-------------------------	--------------------------------	---------------------------------

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): 374690	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 5446
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 DAWN NASH-DEAL 	
Title: Operations Regulatory Tech	Date: 4/25/2025

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.
NMSF079367

2. Name of Operator
Hilcorp Energy Company

6. If Indian, Allottee or Tribe Name

3. Address **382 Rd 3100, Aztec NM 87410** 3a. Phone No. (include area code) **(505) 333-1700**

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.
San Juan 27-5 Unit 141

At surface **Unit L (NWSW), 1460' FSL & 1190' FWL**

10. Field and Pool or Exploratory
Basin Mancos

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

11. Sec., T., R., M., on Block and Survey or Area
Sec. 30, T27N, R05W

At total depth **Same as above**

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

14. Date Spudded **3/29/1972** 15. Date T.D. Reached **4/6/1972** 16. Date Completed **1/31/2025**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6,382'

18. Total Depth: **7,578'** 19. Plug Back T.D.: **7,569'** 20. Depth Bridge Plug Set: MD **6,275'** 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#	0	206'	n/a	273 cf			
8 3/4"	7" J-55	20#	0	3,353'	n/a	224 cf			
6 1/4"	4 1/2" K-55	11.6# & 10.5#	2,701'	7,578'	n/a	642 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"	7,452'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	6,300'	6,468'	1 SPF	0.35"	26	open
B) Mancos	6,480'	6,698'	1 SPF	0.35"	31	open
C)						
D)						
TOTAL					57	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	6,300'	6,468'	1 SPF	0.35"	26	open
B) Mancos	6,480'	6,698'	1 SPF	0.35"	31	open
C)						
D)						
TOTAL					57	

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

Depth Interval	Amount and Type of Material
6300-6468	BDW w/water & 500 gal 15% HCl. Frac @ 40 bpm w/ 60Q N2 foam, 52,920 gal slickwater, 69,555# 20/40 sand & 1.92M SCF N2
6480-6698	BDW w/water & 500 gal 15% HCl. Frac @ 41 bpm w/ 60Q N2 foam, 58,464 gal slickwater, 86,589# 20/40 sand & 2.14M 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
1/31/2025	1/31/2025	4	➔	0	488	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	
22/64"	370 psi	230 psi	➔	0	2928	0	n/a	Producing	

28a. Production - Interval B

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

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4728'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,728'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,728'
Menefee		5224'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,224'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,224'
Mancos			Dark gry carb sh.	Mancos	
Gallup	6,244'	7174'	Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,244'
Greenhorn	7,174'		Highly calc gry sh w/ thin lmst.	Greenhorn	7,174'
Graneros	7,229'	7344'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7,229'
Dakota	7,344'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,344'
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 on DHC 5446. NMNM78409X

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) Dawn Nash-Deal Title Operations/Regulatory Technician
 Signature *Dawn Nash Deal* Date 4/25/2025

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.

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

Well Name: SAN JUAN 27-5 UNIT

Well Location: T27N / R5W / SEC 30 /
NWSW / 36.54201 / -107.40529

County or Parish/State: RIO
ARRIBA / NM

Well Number: 141

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF079367

Unit or CA Name: SAN JUAN 27-5
UNIT--DK, SAN JUAN 27-5 UNIT--MV,
SAN JUAN 27-5 UNIT--STATE

Unit or CA Number:
NMNM78409A, NMNM78409B,
NMNM78409X

US Well Number: 3003920465

Operator: HILCORP ENERGY
COMPANY

Subsequent Report

Sundry ID: 2856426

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 06/05/2025

Time Sundry Submitted: 11:14

Date Operation Actually Began: 01/28/2025

Actual Procedure: The isolation plug has been removed and the well has been returned to production as a MV/MC/DK trimmingle under DHC 5446. Please see the attached operations.

SR Attachments

Actual Procedure

Reporting__Well_Operations_Summary_L48__SAN_JUAN_27_5_UNIT_141__2025_06_05_10.42.34__1__
_20250605111152.pdf

Well Name: SAN JUAN 27-5 UNIT

Well Location: T27N / R5W / SEC 30 / NWSW / 36.54201 / -107.40529

County or Parish/State: RIO ARRIBA / NM

Well Number: 141

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF079367

Unit or CA Name: SAN JUAN 27-5 UNIT--DK, SAN JUAN 27-5 UNIT--MV, SAN JUAN 27-5 UNIT--STATE

Unit or CA Number: NMNM78409A, NMNM78409B, NMNM78409X

US Well Number: 3003920465

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: DAWN NASH-DEAL

Signed on: JUN 05, 2025 11:09 AM

Name: HILCORP ENERGY COMPANY

Title: Operations Regulatory Tech

Street Address: 1111 TRAVIS ST

City: HOUSTON State: TX

Phone: (505) 324-5132

Email address: DNASH@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: 06/05/2025

Signature: Kenneth Rennick

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		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)



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT #141

API: 3003920465

Field: BASIN DAKOTA (PRORATED G #0068

State: NEW MEXICO

Sundry #:

Rig/Service: #101

Operation

SISW, WINTERIZED EQUIP, SDFN.

DROVE BACK TO TOWN.

Report Number 16	Report Start Date 1/24/2025	Report End Date 1/24/2025
---------------------	--------------------------------	------------------------------

Operation

TRAVEL TO LOCATION.

PJSM, START AND WARM UP EQUIPMENT.

SICP 115 PSI.

BH 0 PSI.

INT 0 PSI.

BDW IN 5 MIN.

TIH W/13 STS, PICK UP 21 JTS, TAG FILL@6228'.

RU PS, (HAD SOME DELAYS STARTING AIR UNIT AND MIST PUMP), KI AIR UNIT AND MIST, TOOK 1 HR TO GET RETURNS, CLEAN OUT FILL TO 6228', (CBP@6275') COULDN'T STABLISH GOOD CIRCULATION, STARTED PUMPING 10 BBL P/HR DOWN TO 6 BBL, CIRCULATION WAS A LITTLE BETTER BUT STILL WOULD LOOSE CIRCULATION FOR 10 TO 15 MIN, FLOW FOR 2 MIN, JUST NEVER OK, (WILL BRING AN OTHER AIR UNIT ON MONDAY), KO AIR UNIT, RD SWIVEL, TOH W/25 STS TO 4660', TP@4719'.

SISW, WINTERIZED EQUIP, SDFW.

DROVE BACK TO TOWN.

Report Number 17	Report Start Date 1/27/2025	Report End Date 1/27/2025
---------------------	--------------------------------	------------------------------

Operation

TRAVEL TO LOCATION.

PJSM, START AND WARM UP EQUIP.

SICP 150 PSI.

BH 0 PSI.

INT 0 PSI.

BDT 7 MIN.

TIH W/25 STS, RU SWIVEL ON JT#199, TAG FILL@6220'.

MIRU SECOND AIR UNIT, KI AIR UNIT AND MIS, MIRU HIGH TECH AIR UNIT, KI AIR AND MIST, STABLISH GOOD CIRCULATION IN 30 MIN, C/O TO CBP AT 6275', MILL OUT CBP IN 2 HRS, BIG INCREASE ON CSG FLOW AFTER MILLING CBP, CHASE IT DOWN TO 7075', MILL LEFTOVERS FROM CBP AND C/O FILL TO 7138', CIRCULATED BOTTOMS UP, KO AIR UNIT, RD SWIVEL, LD ONE JT AND TOH W/ 38 STS TO 4892'

SISW, WINTERIZED EQUIPMENT, SDFN.

DROVE BACK TO TOWN.

Report Number 18	Report Start Date 1/28/2025	Report End Date 1/28/2025
---------------------	--------------------------------	------------------------------

Operation

TRAVEL TO LOCATION.

PJSM, START AND WARM UP EQUIPMENT.

SICP 380 PSI.

INT 0 PSI.

BH 0 PSI.

BDW IN 10 MIN.

TIH W/38 STS, RU SWIVEL ON JT#226, TAG FILL AT 7136', MADE 2' OF FILL OVERNIGH.

KI JUST ONE AIR UNIT AND MIST, C/O 119' OF FILL TO CIBP, **MILL OUT CIBP IN 3 HRS, CHASE IT DOWN TO 7516'**, MILL LEFTOVERS FROM CIBP AND C/O FILL TO 7569' PBDT, CIRCULATED WELL CLEAN, KO AIR UNIT, LD 1 JT, RD SWIVEL, TOH W/ 46 STS TO 4692'. **DHC-5446 WAS APPROVED ON 1/16/25**

SISW, WINTERIZED EQUIPMENT, SDFN.

DROVE BACK TO TOWN.

Report Number	Report Start Date 1/29/2025	Report End Date 1/29/2025
---------------	--------------------------------	------------------------------

Operation

TRAVEL TO LOCATION.

PJSM, START AND WARM UP EQUIPMENT.

SICP 350 PSI.

BH 0 PSI.

INT 0 PSI.

BDW IN 10 MIN.

TOH W/74 STS AND JUNK MILL.

TIH W/PROD STRING-DRIFTING EACH CONNECTION, REJECTED 2 JTS, CHECK FOR FILL, MADE 3' OF FILL, LD TAG JTS, LAND TBG@7452'.87 AS FOLLOWS= EXP MS, SN, 237 JTS.

RD RIG FLOOR, ND BOP, NU WH, PUMPED 5 BBL OF WATER AND 7 GAL INH-DOWN TBG, PT TBG TO 500 PSI- HELD GOOD, PUMP OUT EXP-AT 700 PSI, UNLOAD WELL IN 30 MIN, SISW

RD WSU AND PREPARE EQUIPMENT TO MOVE.

DROVE BACK TO TOWN.

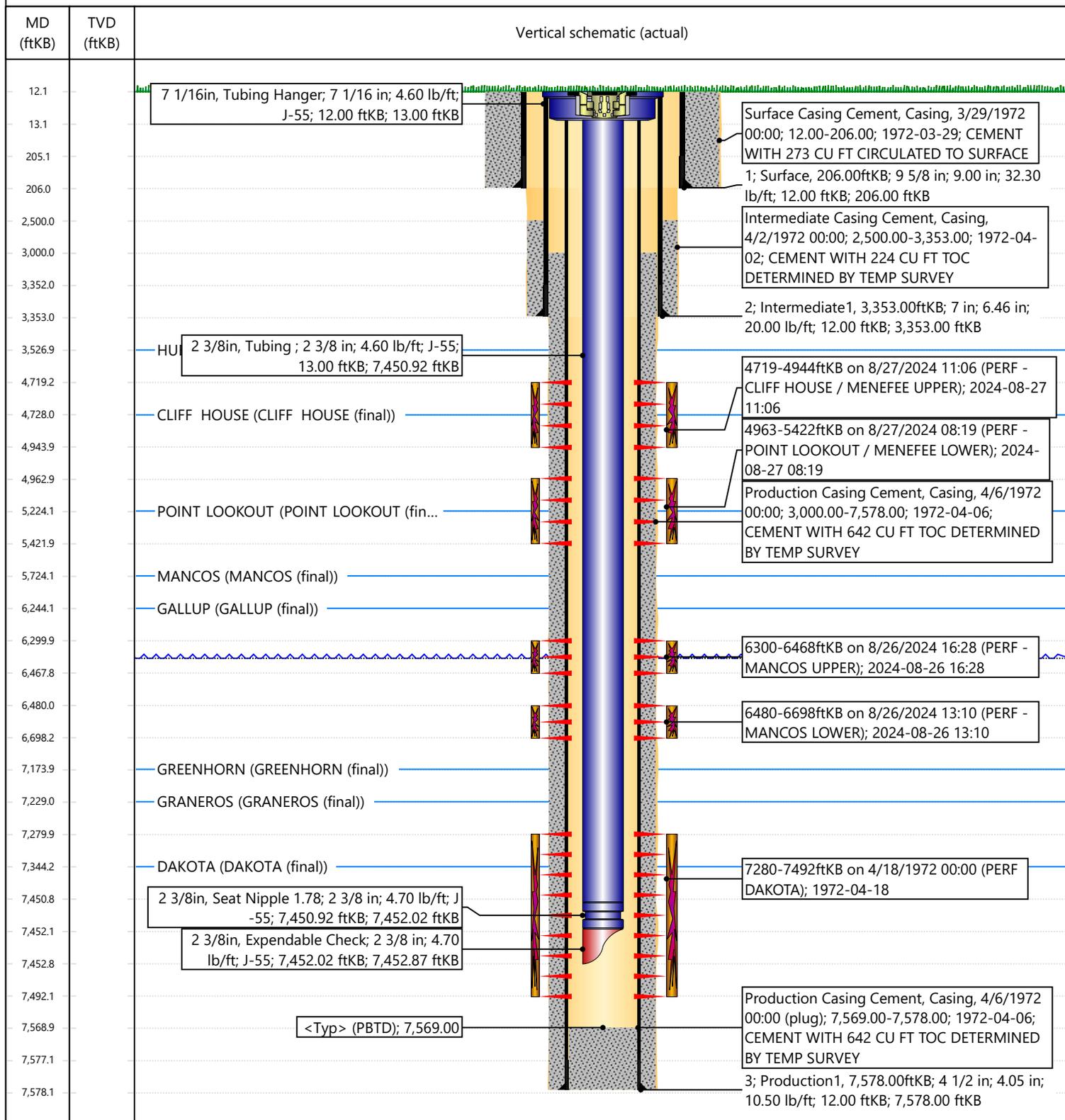


Current Schematic - Version 3

Well Name: **SAN JUAN 27-5 UNIT #141**

API / UWI 3003920465	Surface Legal Location 030-027N-005W-L	Field Name BASIN DAKOTA (PRORATED G #0068)	Route 1300	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,382.00	Original KB/RT Elevation (ft) 6,394.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
Tubing Strings					
Run Date 1/29/2025 13:00	Set Depth (ftKB) 7,452.87	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.60	Original Spud Date 3/29/1972 00:00

Original Hole, 30039204650000





Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT #141

API: 3003920465	Field: BASIN DAKOTA (PRORATED G #0068)	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: BHE 38

Jobs

Actual Start Date: 6/26/2024 **End Date:**

Report Number 1	Report Start Date 6/26/2024	Report End Date 6/26/2024
--------------------	--------------------------------	------------------------------

Operation

LOAD EQUIP AT SJ 28-7 U-130F, MOVED AND SPOT IN EQUIPMENT.
SLICK LINE PULLED OUT TOOLS BEFORE RIG SHOW UP.
DROVE BACK TO TOWN.

Report Number 2	Report Start Date 6/27/2024	Report End Date 6/27/2024
--------------------	--------------------------------	------------------------------

Operation

TRAVEL TIME TO LOCATION.
PJSM, START AND WARM UP EQUIP.
PCP 72 PSI.
PTP 72 PSI.
BH 0 PSI.
BDT 3 MIN.
RU WSU
ND WH, NU BOP, RU RIG FLOOR, PULLED OUT TBG HANGER.
MIRU TUBOSCOPE SCANNER, TOH SCANNING W/ 237 JTS, SN, MS. SCAN RESULTS= 225 JTS YB.
5 JTS BB.
1 JT GB.
6 JTS RB.

TIH W/3 7/8" STRING MILL AND 88 STS TO 5534', SHUT DOWN BECAUSE OF STORM MOVE IN W/LIGHTNING.
SHUT IN AND SECURED WELL.

TRAVEL BACK TO TOWN.

Report Number 3	Report Start Date 6/28/2024	Report End Date 6/28/2024
--------------------	--------------------------------	------------------------------

Operation

TRAVEL TIME TO LOCATION.
PJSM, START AND WARM UP EQUIP.
SICP 70 PSI
BH 0 PSI
BDT 2 MIN.

CONTINUE RUNNING IN W/STRING MILL TO 7287', TOH W/215 STS AND STRING MILL.
TIH W/CIBP AND 215 STS + 1 JT, SET **CIBP AT 7255'**, LD 1 JT, LOAD CSG W/105 BBL, **PT CSG TO 560 FOR 20 MIN-HELD GOOD**, TOH W/SETTING TOOL.
MIRU WIRELINE GROUP AND DID A **BOND LOG FROM 7255' TO SURFACE, TOP OF CMT AT 2550'**, RD WIRELINE, SISW, SDFN.

Report Number 4	Report Start Date 7/1/2024	Report End Date 7/1/2024
--------------------	-------------------------------	-----------------------------

Operation

TRAVEL TO LOCATIOM.
PJSM, START AND WARM UP EQUIP.
SICP 0 PSI.
BH 0 PSI.

ND BOP, RU 3 K FLANGE, **PRESS TEST CSG TO 580 PSI, FROM 7255' TO SURFACE FOR 30 MIN, WITNESS BY NMOCD AND BRADEN HEAD TEST- ALL GOOD.**
PRESS TEST CSG TO 2000 PSI FOR 15 MIN FROM 7255' TO SURFACE -HELD GOOD, REMOVED OLD 3K WELL HEAD AND INSTALL A NEW 5K WELL HEAD, NU BOP, RU RIG FLOOR.

TIH W/PKR AND 42 STS. SET PKR AND LAND TBG AT 2640', SECURED TBG HANGER W/LOCK PINS. PRESS TEST DOWN TBG TO 2600 PSI FOR 15 MIN-HELD GOOD, LOAD INTERMEDIATE W/PKR FLUID-21 BBL, PRESS UP TO 500 PSI (DIDN'T HOLD PRESS), PT CSG TO 4K FOR 15 MIN-HELD GOOD, UNSET PKR AND PULLED OUT TBG HANGER.
SHUT IN AND SECURED WELL.
TRAVEL BACK TO TOWN.

Report Number 5	Report Start Date 7/2/2024	Report End Date 7/2/2024
--------------------	-------------------------------	-----------------------------

Operation

DROVE TO PART WAY TO LOCATION AND MUNOS WASH WAS RUNNING HARD, DECIDED TO SHUT DOWN, DROVE BACK TO TOWN.

Report Number 6	Report Start Date 7/3/2024	Report End Date 7/3/2024
--------------------	-------------------------------	-----------------------------

Operation

TRAVEL TIME TO LOCATION.
PJSM, START AND WARM UP EQUIP.
0 PSI IN THE WELL.
TOH LAYING DOWN 84 JTS AND PKR, TIH W/14 STS AND LAY IT DOWN.
RD RIG FLOOR, ND BOP, NU FRAC STACK BY BIG RED AND PT TO 4800 PSI BY WELLCHECK, ALL GOOD, SHUT IN AND SECURED WELL.
RD WSU, RELEASE WSU TO SJ 28-6 U-184.



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT #141

API: 3003920465

Field: BASIN DAKOTA (PRORATED G #0068

State: NEW MEXICO

Sundry #:

Rig/Service: BHE 38

Report Number 7	Report Start Date 8/26/2024	Report End Date 8/26/2024
--------------------	--------------------------------	------------------------------

Operation

RIG UP BASIN WIRELINE. RIH, PERFORATE STAGE 1 MANCOS AT 6480' - 6698' (31 HOLES) 0.35" DIA, 1 SPF. POOH.

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

FRAC STAGE 1: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D LWR MANCOS WITH 86,589 LBS 20/40 ARIZONA SAND, 58,464 GAL SLICKWATER AND 2.14 MILLION SCF N2. 60 QUALITY. AVG RATE = 41 BPM, AVG PSI = 2,990. ISIP WAS 1,812 PSI. (1,460 PSI IN 5 MINUTES). HAD TO CUT THE STAGE SHORT DUE TO INCREASING PRESSURE (87% OF DESIGNED SAND PUMPED).

RIG UP WL. RIH, SET BRIDGE PLUG AT 6,477' AND PERFORATE STAGE 2 UPPER MANCOS AT 6300' - 6468' (26 HOLES) 0.35" DIA, 1 SPF. POOH.

FRAC STAGE 2: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D UPPER MANCOS WITH 69,555 LBS 20/40 ARIZONA SAND, 52,920 GAL SLICKWATER AND 1.92 MILLION SCF N2. 60 QUALITY. AVG RATE = 40 BPM, AVG PSI = 3,236 PSI. ISIP WAS 2,164 PSI. (1,730 PSI IN 5 MINUTES). CUT STAGE SHORT DUE TO INCREASING PRESSURE (70% OF DESIGNED SAND AWAY).

SIW, SECURE LOCATION, SDFN.

Report Number 8	Report Start Date 8/27/2024	Report End Date 8/27/2024
--------------------	--------------------------------	------------------------------

Operation

RIG UP WL. RIH, SET BRIDGE PLUG AT 5,436' AND PERFORATE STAGE 3 PT LOOKOUT / LOWER MENELEE AT 4963' - 5422' (25 HOLES) 0.33" DIA, 1 SPF.

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

FRAC STAGE 3: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D PT LOOKOUT WITH 135,332 LBS 20/40 ARIZONA SAND, 47,712 GAL SLICKWATER AND 1.63 MILLION SCF N2. 70 QUALITY. AVG RATE = 60 BPM, AVG PSI = 2,533. ISIP WAS 929 PSI. (5 MIN = 500 PSI). 108% OF DESIGNED SAND AMOUNT PUMPED.

RIG UP WL. RIH, SET BRIDGE PLUG AT 4,956' AND PERFORATE STAGE 3 CLIFFHOUSE / UPPER MENELEE AT 4719' - 4944' (25 HOLES) 0.35" DIA, 1 SPF.

FRAC STAGE 4: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D CLIFFHOUSE / MENELEE WITH 130,385 LBS 20/40 ARIZONA AND 45,780 GAL SLICKWATER AND 1.50 MILLION SCF N2. 70 QUALITY. AVG RATE = 60 BPM, AVG PSI = 2,408 PSI. ISIP WAS 1,213 PSI (5 MIN - 670 PSI). 104% OF DESIGNED SAND AMOUNT PUMPED.

RIH AND SET CBP AT 4,524'. BLEED OFF, PLUG HOLDING.

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 4,926 BBLS (INCLUDING 48 BBLS OF ACID). TOTAL SAND = 421,861 LBS. TOTAL N2 = 7.19 MILLION SCF.

Report Number 9	Report Start Date 9/3/2024	Report End Date 9/3/2024
--------------------	-------------------------------	-----------------------------

Operation

CREW TRVL T/SAN JUAN 28-6 UNIT #48A.

PJSM W/AOL F/RIG MOVE.

LOAD OUT TRUCKS, MOB RIG & EQUIP T/SAN JUAN 27-5 UNIT #141 (21 MILE MOVE).

MIRU RIG & EQUIP.

PJSM. SICP-0, SITP-0, SIICP, SIBHP-0.

N/D FRAC STACK & REMOVE 4-1/2" FALSE BOTTOM TBG HANGER. INSTALL 2-3/8" TBG HANGER & TWCV.

PRTS BOP'S T/3000 PSI LOW & 2500 PSI HIGH. NOTE: TBG HANGER THAT WAS DELIVERED BY WH COMPANY WOULD NOT PRTS. USED AN EXTRA ONE THAT THE TESTER HAD.

M/U 3-7/8" JNK MILL, TALLY & P/U 2-3/8" 4.7#, J-55 TBG F/TRAILER T/3000'.

UNLOAD HOLE W/AIR.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 10	Report Start Date 9/4/2024	Report End Date 9/4/2024
---------------------	-------------------------------	-----------------------------

Operation

CREW TRVL T/LOC.

PJSM. SICP-0, SITP-NA, SIICP-0, SIBHP-0. BDW 0 MIN, NO PRESSURE.

CONT TIH F/3000' W/3-7/8" JNK MILL ON 2-3/8" 4.7# TBG F/TRAILER. TAG CBP #1 @ 4524'.

R/U PWR SWIVEL. ESTABLISH CIRC W/AIR MIST USING 1350 CFM, 12 BPH FW, 1 GPH SOAP & 1 GPH CI.

DRILL OUT CBP #1 FROM 4524' TO 4526' (95 MINUTES DRILL TIME).

SINGLE IN HOLE W/SWIVEL. TAG FILL @ 4865' (91' FILL). ESTABLISH CIRC W/AIR MIST. CLEAN OUT FILL (PLUG PARTS & SAND) T/CBP #2 @ 4956'.

DRILL OUT CBP #2 FROM 4956' TO 4958' (3 HRS 20 MINUTES DRILL TIME).

SINGLE IN W/SWIVEL. TAG FILL @ 5317' (117' FILL). ESTABLISH CIRC W/1350 CFM, 12 BPH FW, 2 GPH SOAP & 1 GPH CI. CLEAN OUT FILL (PLUG PARTS & SAND) T/5327'. PUMP SWEEPS & CIRC CLEAN. HANG SWIVEL IN DERRICK.

TOH W/3-7/8" MILL T/4700' (ABOVE TOP PERF).

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 11	Report Start Date 9/5/2024	Report End Date 9/5/2024
---------------------	-------------------------------	-----------------------------

Operation

CREW TRVL T/LOC.

PJSM. SICP-400, SITP-NA, SIICP-0, SIBHP-0. BDW 20 MINUTES.

TIH F/4700' W/3-7/8" JNK MILL. TAG FILL @ 5327' (NO NEW FILL OVERNIGHT).



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT #141

API: 3003920465

Field: BASIN DAKOTA (PRORATED G #0068

State: NEW MEXICO

Sundry #:

Rig/Service: BHE 38

Operation

R/U PWR SWIVEL. ESTABLISH CIRC W/AIR MIST USING 1350 CFM, 12 BPH FW, 1 GPH SOAP & 1 GPH CI. CLEAN OUT FILL (PLUG PARTS & SAND) T/4-1/2" CBP #3 @ 5436'.

DRILL OUT CBP #3 FROM 5436' TO 5438' (DRILL OUT TIME 75 MINUTES).
NOTE: WHEN THE TOP WAS DRILLED OFF CBP#3, CSG PRESSURE SPIKED T/200 PSI THRU 6" LINE.
P/U 1 JNT W/PWR SWIVEL, OK. HANG SWIVEL IN DERRICK.

TIH W/3-7/8" MILL ON 2-3/8" 4.7# TBG F/TRAILER. TAG FILL @ 6457' (20' FILL). R/U PWR SWIVEL. ESTABLISH CIRC W/AIR MIST USING 1350 CFM, 12-15 BPH FW, 1.5 GPH SOAP & 1 GPH CI. CLEAN OUT FILL (PLUG PARTS & SAND) T/4-1/2" CBP #4 @ 6477'.

DRILL OUT 4-1/2" CBP #4 FROM 6477' TO 6479' (DRILL TIME 60 MINUTES).
NOTE: CSG PRESSURE SPIKED T/150 PSI AFTER DRILLING THRU CBP #4.
SINGLE IN W/PWR SWIVEL. T/6989'. ESTABLISH CIRC W/AIR MIST. PUMP SWEEPS & CIRC HOLE CLEAN. HANG PWR SWIVEL IN DERRICK.

L/D 26 JNTS OF 2-3/8" 4.7# TBG. TOH T/DERRICK W/TBG T/1000' (KILL STRING).

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 12	Report Start Date 9/6/2024	Report End Date 9/6/2024
---------------------	-------------------------------	-----------------------------

Operation

CREW TRVL T/LOC.

PJSM. SICP-600, SITP-NA, SIICP-0, SIBHP-0. BDW 20 MINUTES.

KILL CSG W/20 BBLs FW. TOH W/3-7/8" JNK MILL F/1000'. L/D MILL (MILL IN GOOD CONDITION).

M/U & TIH W/4-1/2" SOT SEMI COMPOSITE BRIDGE PLUG.

ATTMPT SET SCBP @ 6275', NEGATIVE. TRY TO SET SCBP & MULTIPLE DEPTHS W/NEGATIVE RESULTS.

TOH W/4-1/2" SCBP. L/D SCBP.

NOTE: SCBP WAS INTACT. DRAG BLOCK SLEEVE WAS LOCKED UP. LOOSENED WITH WRENCHES (SAND BEHIND IT).

M/U REPLACEMENT 4-1/2" SOT, SEMI COMPOSITE BRIDGE PLUG & TIH ON 2-3/8" TBG F/DERRICK.

SET 4-1/2" SOT SCBP @ 6275'. RELEASE SETTING TOOL.

TOH W/TBG T/DERRICK. KILL CSG W/25 BBLs FW. L/D SETTING TOOL.

M/U 2-3/8" PRODUCTION BHA. DRIFT & TIH ON 2-3/8" 4.7#, J-55 PRODUCTION TBG T/900'.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 13	Report Start Date 9/7/2024	Report End Date 9/7/2024
---------------------	-------------------------------	-----------------------------

Operation

CREW TRVL T/LOC.

PJSM. SICP-500, SITP-NA, SIICP-0, SIBHP-0. BDW 20 MINUTES.

CONT DRIFT 2-3/8" 4.7#, J-55 PROD TBG & TIH W/PROD BHA. M/U TBG HANGER.

LAND TBG AS FOLLOWS:

LAND TBG AS FOLLOWS:

- 1 - TBG HANGER
- 174 - JNTS 2-3/8" 4.7# J-55, EUE TBG**
- 1 - MARKER JNT 2' x 2-3/8"
- 1 - JNTS 2-3/8" 4.7# J-55, EUE TBG
- 1 - SN (1.78" ID)
- 1 - TBG COUPLING (PUMP OUT PLUG)

SN @ 5517.25', EOT @ 5518.80'

R/D & RACK PWR SWIVEL. R/D WORK FLOOR & TBG HANDLING EQUIP. N/D BOP. N/U WH & TREE.

PUMP 4 BBL FW PAD. PRTS TBG T/500 PSI W/AIR, OK. PUMP OFF CHECK W/900 PSI. CIRC CI T/SURFACE.

R/D RIG & EQUIP. SPOT IN IDEAL WELL TESTERS. **FINAL RIG REPORT.**

Well Name: SAN JUAN 27-5 UNIT	Well Location: T27N / R5W / SEC 30 / NWSW / 36.54201 / -107.40529	County or Parish/State: RIO ARRIBA / NM
Well Number: 141	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079367	Unit or CA Name: SAN JUAN 27-5 UNIT--DK	Unit or CA Number: NMNM78409A
US Well Number: 3003920465	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2813052

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 09/20/2024

Time Sundry Submitted: 08:33

Date Operation Actually Began: 06/26/2024

Actual Procedure: The subject well was recompleted into the Mesaverde and Mancos formations. The well is producing as a standalone MV pending DHC approval. See attached reports.

SR Attachments

Actual Procedure

San_Juan_27_5_Unit_141_RC_Sundry_20240920081443.pdf

Well Name: SAN JUAN 27-5 UNIT

Well Location: T27N / R5W / SEC 30 /
NWSW / 36.54201 / -107.40529

County or Parish/State: RIO
ARRIBA / NM

Well Number: 141

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF079367

Unit or CA Name: SAN JUAN 27-5
UNIT--DK

Unit or CA Number:
NMNM78409A

US Well Number: 3003920465

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: SEP 20, 2024 08:33 AM

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: 09/23/2024

Signature: Kenneth Rennick



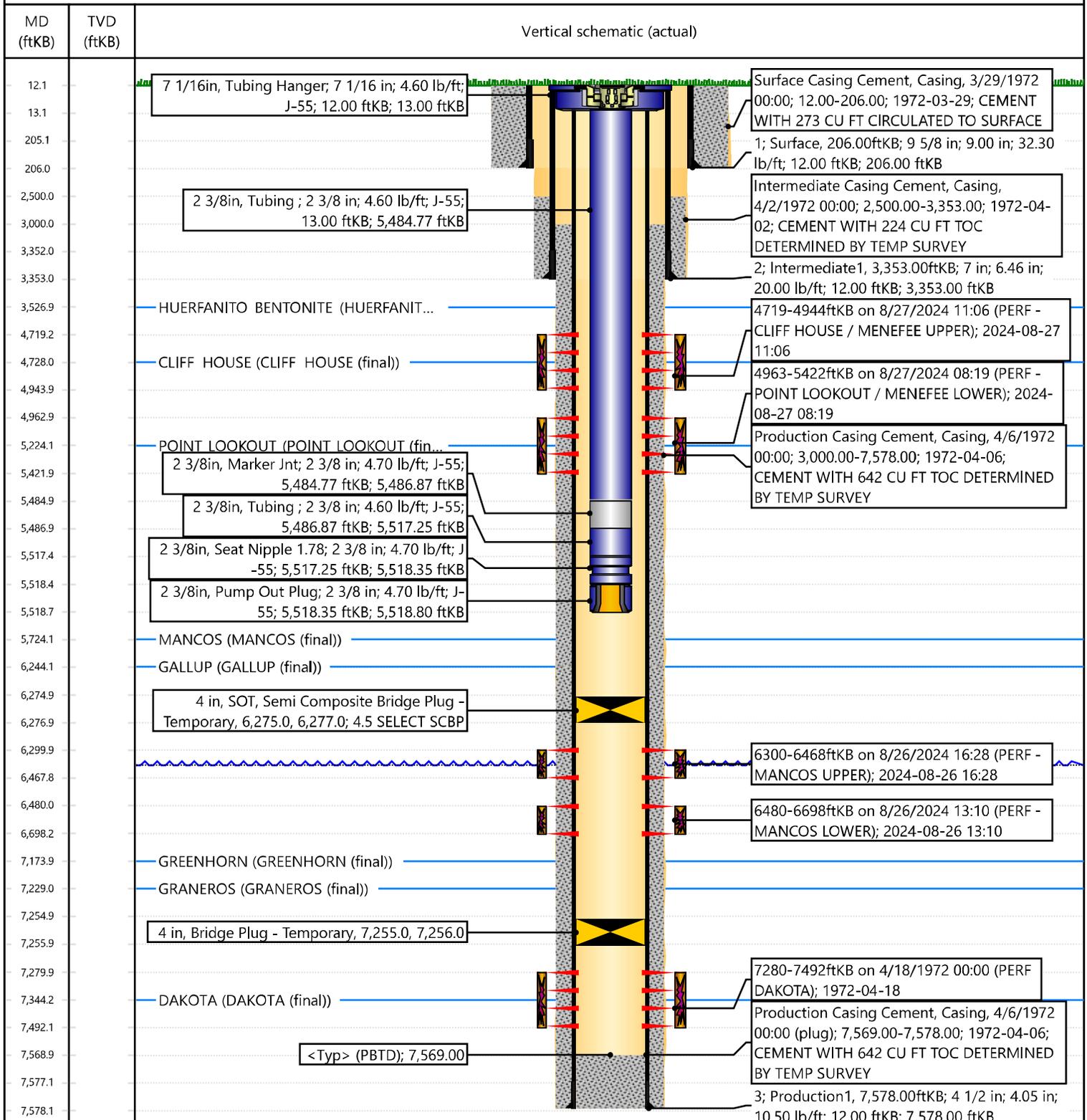
Current Schematic - Version 3

Well Name: **SAN JUAN 27-5 UNIT #141**

API / UWI 3003920465	Surface Legal Location 030-027N-005W-L	Field Name BASIN DAKOTA (PRORATED G #0068)	Route 1300	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,382.00	Original KB/RT Elevation (ft) 6,394.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Tubing Strings					
Run Date 9/7/2024 11:00	Set Depth (ftKB) 5,518.80	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.60	Original Spud Date 3/29/1972 00:00

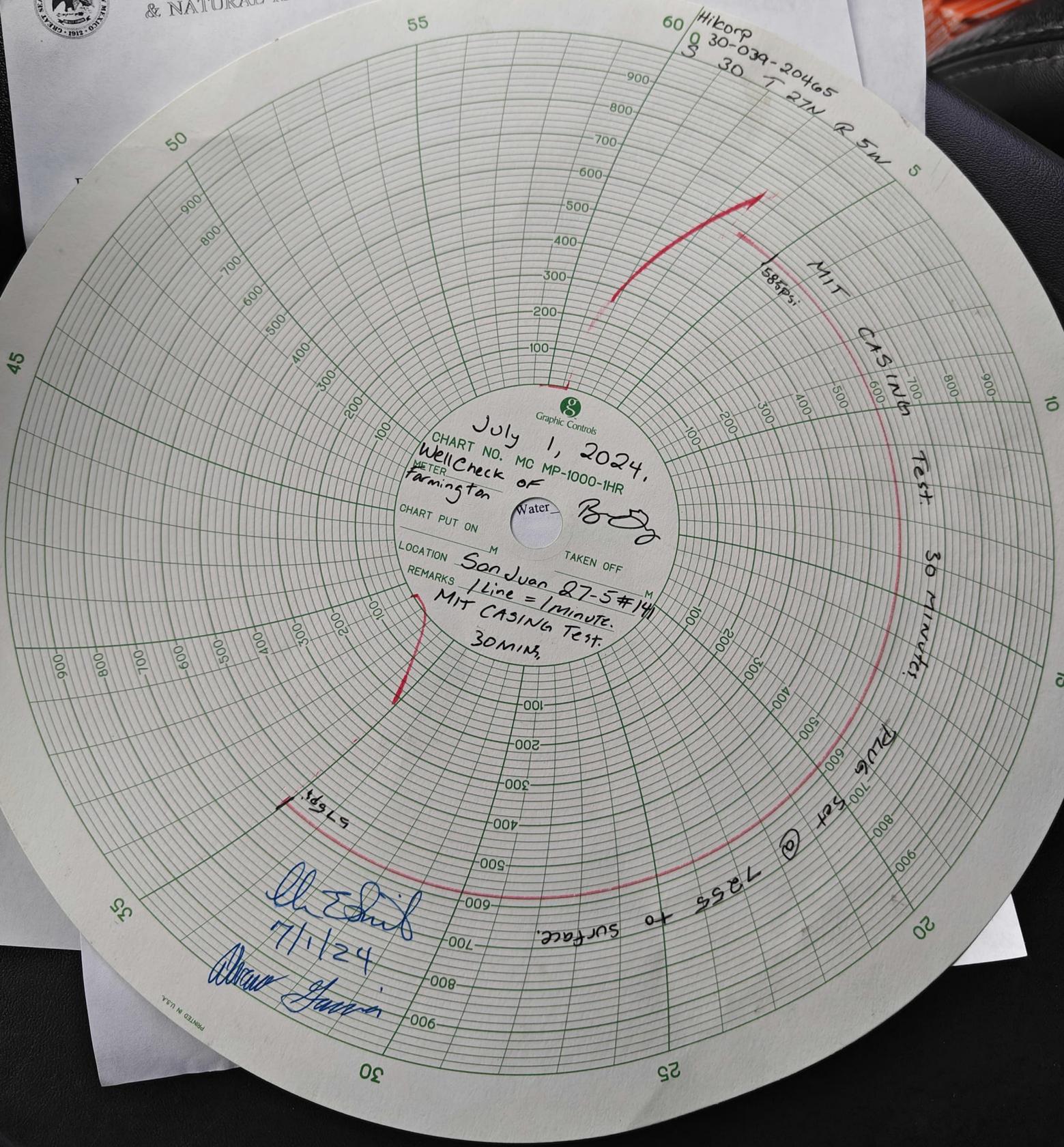
Original Hole





NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
http://state.nm.us/ocd/District/III3district.htm



ll Edub
7/1/24
Alvar Jones

PRINTED IN U.S.A.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 477116

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 477116
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 477116

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 477116
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/27/2025