

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
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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 29-7 UNIT 71A	Property Code: 318713
Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-039-21631
Pool Name: BASIN FRUITLAND COAL	Pool Code: 71629

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	24	29N	07W		2170' FSL	790' FEL	36.7098961	-107.5160065	RIO ARRIBA

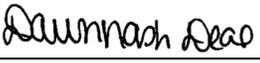
Section 3 – Completion Information

Producing Method FLOWING	Ready Date 3/22/2025	Perforations MD 2913'-3094'	Perforations TVD 2913'-3094'
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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): 438163	Communitization Agreement <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. 5465
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-5462
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: Dawn Nash-Deal 	
Title: Operations Regulatory Tech *EXTENSION GRANTED BY PATRCIA MARTINEZ ON 4/4/25 EXP ON 5/25/2025	Date: 4/14/2025

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: _____

5. Lease Serial No.
NMSF078424A

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 29-7 UNIT 71A

3. Address
382 Road 3100, Aztec, NM 87410

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

9. API Well No.
30-039-21631

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

10. Field and Pool or Exploratory
BASIN FRUITLAND COAL (GAS POOL)

At surface
(NE/SE)2170' FSL & 790' FEL

11. Sec., T., R., M., on Block and Survey or Area
SEC., 24,29N,07W

At top prod. Interval reported below

12. County or Parish
Rio Arriba

13. State
New Mexico

At total depth
 14. Date Spudded
8/23/1978

15. Date T.D. Reached
8/31/1978

16. Date Completed **3/22/2025**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6247' GL

18. Total Depth:
5732'

19. Plug Back T.D.:
5715'

20. Depth Bridge Plug Set:
 MD
 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 Cement 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'		224 CU FT			
8 3/4"	7",K-55	20		3435'		280 CU FT			
6 1/4"	4 1/2",K-55	10.5	3275'	5732'		431 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"	5659'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN FRUITLAND COAL	2913'	3058'	1 SPF	0.33"	64	OPEN
B) BASIN FRUITLAND COAL	3074'	3094'	2 SPF	0.33"	42	OPEN
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
BASIN FRUITLAND COAL (2913'-3058')	FOAM FRAC'D WITH 7,602 LBS OF 100 MESH AND 85,885 LBS 20/40 ARIZONA AND 33,936 GAL SLICKWATER AND 1.22 MILLION SCF N2. 70 QUALITY.
BASIN FRUITLAND COAL (3074'-3094')	FOAM FRAC'D WITH 2,538 LBS OF 100 MESH AND 16,849 LBS 20/40 ARIZONA AND 11,340 GAL SLICKWATER AND 0.31 MILLION SCF N2. 70 QUALITY.

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
3/22/2025	3/22/2025	4	➔	0	612	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
26/64"	SI 0	SI 130	➔	0	612	0		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
3/22/2025	3/22/2025	4	➔	0	612	0			
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	'	2154'	White, cr-gr ss	Ojo Alamo	'
Kirtland	2154'	2785'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2154'
Fruitland	2785'	3094'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2785'
Pictured Cliffs	3094'	3195'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3094'
Lewis	3195'	4073'	Shale w/ siltstone stingers	Lewis	3195'
Chacra	4073'	4830'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4073'
Cliffhouse	4830'	4970'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4830'
Menefee	4970'	5264'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4970'
Point Lookout	5264'	'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5264'
Mancos	'	'	Dark gry carb sh.	Mancos	'
Gallup	'	'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	'
Greenhorn	'	'	Highly calc gry sh w/ thin lmst.	Greenhorn	'
Graneros	'	'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	'
Dakota	'	'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	'
Morrison	'	'	Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	'

32. Additional remarks (include plugging procedure):

**This well is now flowing as a FRC/MV commingle under DHC-5462
FRC agreement number will be NMNM078417D**

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 _____ Date 4/4/2025

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.

Subject: [EXTERNAL] WCR2025041495134 SAN JUAN 29-7 UNIT, Well Number: 71A, Notification of Well Completion Acceptance *Page 4 of 18*

Sent: 4/14/2025, 2:08:38 PM

From: blm-afmss-notifications@blm.gov<blm-afmss-notifications@blm.gov>

To: Dawn Nash-Deal

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 29-7 UNIT**
- Well Number: **71A**
- US Well Number: **3003921631**
- Well Completion Report Id: **WCR2025041495134**

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

Well Name: SAN JUAN 29-7 UNIT	Well Location: T29N / R7W / SEC 24 / NESE / 36.709839 / -107.515533	County or Parish/State: RIO ARRIBA / NM
Well Number: 71A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078424A	Unit or CA Name: SAN JUAN 29-7 UNIT--MV	Unit or CA Number: NMNM78417A
US Well Number: 3003921631	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2845766

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 04/11/2025

Time Sundry Submitted: 11:11

Date Operation Actually Began: 03/22/2025

Actual Procedure: The following well has been recompleted into the Fruitland Coal and is now producing as a FRC/MV commingle under DHC 5462. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

SAN_JUAN_29_7_UNIT_71A_SR_WRITE_UP_20250411111048.pdf

Well Name: SAN JUAN 29-7 UNIT

Well Location: T29N / R7W / SEC 24 / NESE / 36.709839 / -107.515533

County or Parish/State: RIO ARRIBA / NM

Well Number: 71A

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF078424A

Unit or CA Name: SAN JUAN 29-7 UNIT--MV

Unit or CA Number: NMNM78417A

US Well Number: 3003921631

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: APR 11, 2025 11:10 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: 04/14/2025

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NESE / 2170 FSL / 790 FEL / TWSP: 29N / RANGE: 7W / SECTION: 24 / LAT: 36.709839 / LONG: -107.515533 (TVD: 0 feet, MD: 0 feet)

BHL: NESE / 2170 FSL / 790 FEL / TWSP: 29N / SECTION: / LAT: 36.709839 / LONG: 107.515533 (TVD: 0 feet, MD: 0 feet)



Well Operations Summary L48

Well Name: SAN JUAN 29-7 UNIT #71A

API: 3003921631

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 2

Operation

LAND AS FOLLOWS:

TUBING HANGER (.65)
 1 - 3-1/2" P-110 TUBING PUP JT (9.54')
 90 - 3-1/2" P-110 YELLOW BAND TUBING (2,844.82')
 1 - 3-1/2" P-110 TUBING PUP JT (2.30')
 1 - 3-1/2" P-110 TUBING PUP JT (31.00')
 1 - 7" X 3 1/2" AS1-X 10K FRAC PACKER (8.11')
 1 - DUAL DISK SUB (1.80')
 PBTD - 5715.00'
 EOT - 2844.82'
 KB - 11'
 PACK OFF PULLED 30K OVER LAND W/23K ON PACKER. INSTALL 2 WAY CHECK.

RD RIG FLOOR. ND BOP. NU FRACK VALVE. TEST BS HELD 560# 11 MIN. TEST VOID ON HANGER 350 LOW 5 MIN. 5000# HIGH 15 MIN.

RU WELLCHECK. PULL 2 WAY CHECK. PRESSURE TEST 3 1/2" FRAC STING 8000# F/30 MIN. RU EXPERT SLICKLINE. RIH W/ 2.75" SINKER BAR AND BUST DISK. RIH W/2.80 GR. WORK THROUGH. POOH. RD SLICKLINE

CHANGE OUT DISK BRAKE ASSEMBLY ON RIG

RIG DOWN RIG AND EQUIPMENT. PREP FOR RIG MOVE. RIG RELEASED TO THE SAN JUAN 29-6 #37A AT 18:00 ON 5/9/24. JOB COMPLETE. SISW. DEBRIEFED CREW. SDFN. FINAL REPORT.

CREW TRAVELED TO YARD

Report Number 7	Report Start Date 3/10/2025	Report End Date 3/10/2025
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Operation

RIG UP FRAC AND WIRELINE CREWS. PRIME, COOL DOWN, TEST, SAFETY MEETING. PUT 500 PSI ON FRAC STRING ANNULUS.

FRAC STAGE 1 FRUITLAND COAL (3,074'-3,094'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. **FOAM FRAC'D WITH 2,538 LBS OF 100 MESH AND 16,849 LBS 20/40 ARIZONA AND 11,340 GAL SLICKWATER AND 0.31 MILLION SCF N2. 70 QUALITY.** AVG RATE = 48.2 BPM, AVG PSI = 3,705. ISIP WAS 3,055 PSI (5 MIN WAS 1,533 PSI, 10 MIN WAS 1,318 PSI). 67% OF DESIGNED SAND AMOUNT PUMPED.

DROP BALL ON FRAC BAFFLE. CHECK FOR BALL ACTION. RIH AND **PERFORATE FRUITLAND COAL (2,913'-3,058') IN 3 RUNS W/64 SHOTS, 0.33" DIA, 2-1/2" HSC GUN, SELECT FIRE 1 SPF**, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 2913' - 2914', 2925' - 2928', 2933' - 2934', 2940' - 2942', 2949' - 2955', 2960' - 2992', 3023' - 3058', ALL SHOTS FIRED.

COOL DOWN AND TEST. **FRAC STAGE 2 FRUITLAND COAL (2,913'-3,058')**: BROKE DOWN WELL WITH WATER AND 1000 GAL 15% HCl. **FOAM FRAC'D WITH 7,602 LBS OF 100 MESH AND 85,885 LBS 20/40 ARIZONA AND 33,936 GAL SLICKWATER AND 1.22 MILLION SCF N2. 70 QUALITY.** AVG RATE = 50 BPM, AVG PSI = 2,970. ISIP WAS 2,053 PSI. (5 MIN WAS 1,528 PSI., 10 MIN WAS 1,458 PSI., 15 MIN WAS 1,400 PSI.) 113% OF DESIGNED AMOUNT OF SAND PUMPED. PUMPED THREE SAND RAMPS WITH RCN BALL DROP BETWEEN, WITH 17 BALLS ON FIRST DROP AND 18 BALLS ON SECOND DROP.

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 1,114 BBLS (INCLUDING 36 BBLS OF ACID). TOTAL SAND = 111,874 LBS. TOTAL N2 = 1.53 MILLION SCF.

Report Number 8	Report Start Date 3/13/2025	Report End Date 3/13/2025
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Operation

RIG CREW TRAVEL TO THE HARVEY A #3

PJSM LOAD EQUIP. ROAD RIG & MOVE EQUIP. FROM. THE HARVEY A #3 TO THE SAN JUAN 29-7 UNIT #71A (33.1 MILE MOVE)

PJSM SPOT EQUIP. SPOT RIG, RIG UP PULLING UNIT AND EQUIP.

RIG UP BIG RED, BLEED DOWN & MONITOR WELL W/ BIG RED. FOR 3.5 HRS. TO 20 PSI. RIG DOWN BIG RED. (RIG CREW CHANGED OUT DRLG.LINE WHILE BDW) VISIT WITH FRED PROCTOR.

SIBHP = 0 PSI.
 SITP = 550 PSI.
 SICP = 0 PSI.
 BLEED DOWN WELL 210 MINUTES

PUMP 30 BBLS OF FRESH WATER DOWN 3.5 TBG. INSTALL 2-WAY CK. IN TBG HGR. ND FRAC STK. WITH BOP HANGING PRESSURE TEST BOP BLIND RAMS 250 PSI LOW AND 2500 PSI HIGH. REL. PRESS. NUBOP.

SECURE WELL, DRAIN UP, PU TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number 9	Report Start Date 3/14/2025	Report End Date 3/14/2025
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Operation

RIG CREW TRAVEL TO LOCATION



Well Operations Summary L48

Well Name: SAN JUAN 29-7 UNIT #71A

API: 3003921631

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 2

Operation

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES.

SIBHP = 0 PSI.
SITP = 300 PSI.
SICP = 0 PSI.

NO BLEED DOWN, KILLED TBG. W/ FRESH WATER

RUFLR INSTALL 3.5 PUP JT. IN TBG. HGR. SPOT IN RU WELL CHECK, PT.PIPE RAMS 250 LOW & 2500 HIGH FOR 10 MIN. GOOD TESTS, PLUMB IN 3" FLOW LINES

ATTEMPT TO REL. 7" PKR. NO SUCCESS, PUMP 20 BBLs. OF FRESH WATER DOWN 3.5 TBG. ATTEMPT TO REL. 7" PKR. NO SUCCESS, PU & RU PWR.SWVL. ATTEMPT TO REL. 7" PKR. NO SUCCESS, PUMP 50 BBLs. OF FRESH WATER DOWN 3.5 TBG. ATTEMPT TO REL. 7" PKR. NO SUCCESS PULLING UP TO 60,000, RD & HANG BACK SWVL. REM. 3.5 X 8' PUP JT. DRY ROD OUT BPV, INSTALL 3.5 X 8' PUP JT. ON TBG.HGR. CONTINUE TRYING TO REL. 7" PKR. PULLING TO 70,000, NO SUCCESS.

SECURE WELL, DRAIN UP, PU TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number

10

Report Start Date

3/15/2025

Report End Date

3/15/2025

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES. BDW

SIBHP = 0 PSI.
SITP = 430 PSI.
SICP = 0 PSI.

BLEED DOWN WELL 20 MINUTES

ATTEMPT TO REL. 7" PKR. WITH TBG. PRESS. F/ WELL, NO SUCCESS, BLEED DOWN TBG.

KILL TBG. WITH 30 BBLs. OF FRESH WATER, PJSM WITH TWG, SPOT IN RUWL RIH & SHOOT HOLE IN 3.5 TBG. @2801' ROH RDWL

ATTEMPT TO REL. 7" PKR. NO SUCCESS, PULLING 70K, PU PWR.SWVL. ATTEMPT TO REL. 7" PKR. NO SUCCESS, PULLING 70K, TIE BACK, WORK PKR. WITH PWR.SWVL. WITH TORQUE UP TO 80K DOWN TO 40K SEVERAL TIMES GOT PKR. TO REL. LD 3.5 X 8' PUP JT. TBG.HGR. WITH 3.5 X 8' PUP JT. RD & HANG BACK SWVL. TIE BACK, START LD 3.5 TBG. LAID DOWN 41 JTS.

SECURE WELL, DRAIN UP, PU TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number

11

Report Start Date

3/16/2025

Report End Date

3/16/2025

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES. BDW

SIBHP = 0 PSI.
SITP = 320 PSI.
SICP = 320 PSI.

BLEED DOWN WELL 20 MINUTES

KILL TUBING WITH 30 BBLs. OF FRESH WATER, FINISH LD 3.5 TBG. FRAC STRG. & 7" PKR.

CHANGE OUT PIPE RAMS & EQUIP. TO 2-3/8, CHANGE OUT TBG. TRAILERS, PU 6-1/4" JUNK MILL, BIT SUB W/ FLAPPER, TALLY & PU. 2-3/8 TBG TAGGED SAND @ 3029" FRAC THRU PLUG @ 3070' LAY DOWN TAG JT.

PU PWR SWVL MAKE CONN. UN-LOAD WELL W/AIR, ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 10 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND F/ 3029 TO 3070'. WELL MAKING UP TO 1/4 BUCKET OF SAND DOWN TO 1/4 CUP PER SAMPLE.

START MILLING OUT FRAC THRU PLUG AT 3070' KO MIST, KO AIR BLEED DOWN TBG.

LD 1 JT. WITH PWR.SWVL. HANG SWVL. BACK, TOO H W/ 3 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TO 2877'

SECURE WELL, DRAIN UP, PU TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number

12

Report Start Date

3/17/2025

Report End Date

3/17/2025

Operation

RIG CREW TRAVEL TO LOCATION



Well Operations Summary L48

Well Name: SAN JUAN 29-7 UNIT #71A

API: 3003921631

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 2

Operation

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES. BDW

SIBHP = 0 PSI.
SITP = 0 PSI.
SICP = 360 PSI.
BLEED DOWN WELL 15 MINUTES

TIH W/ 3 STDS. OF 2-3/8, 4.7, J55, EUE, TBG. PU PWR SWVL MAKE CONN.

ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 10 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. CONTINUE **MILLING OUT FRAC THRU PLUG AT 3070'**. GO DOWN TO 3080' TAG SAND, C/O SAND & PLUG PARTS F/ 3080' TO 3107' START MILLING ON 7" CBP @3107'.

KO MIST, KO AIR BLEED DOWN TBG.

LD 2 JTS. WITH PWR.SWVL. HANG SWVL. BACK, TOO H W/ 3 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TO 2877'

SECURE WELL, DRAIN UP, PU TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number 13	Report Start Date 3/18/2025	Report End Date 3/18/2025
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Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES. BDW

SIBHP = 0 PSI.
SITP = 0 PSI.
SICP = 240 PSI.
BLEED DOWN WELL 15 MINUTES

TIH W/ 3 STDS. OF 2-3/8, 4.7, J55, EUE, TBG. PU 1 JT. PU PWR SWVL MAKE CONN.

ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 10 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. CONTINUE **MILLING ON 7" CBP @3107'** GO DOWN TO 3125', KO MIST KO AIR BLEED DOWN TBG. MAKE CONNECTIONS W/ PWR.SWVL. TAG LINER TOP @ 3274'

LD 1 JT. OF 2-3/8 TBG. W/ PWR.SWVL. HANG SWVL. BACK, TOO H W/ 52 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. LD 6-1/4" JUNK MILL & BIT SUB.

PU 3-7/8" JUNK MILL & BIT SUB, TIH W/ 52 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TO 3250'

SECURE WELL, DRAIN UP, PU TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number 14	Report Start Date 3/19/2025	Report End Date 3/19/2025
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Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES. BDW

SIBHP = 0 PSI.
SITP = 0 PSI.
SICP = 220 PSI.
BLEED DOWN WELL 15 MINUTES

PU PWR.SWVL. MAKE CONNECTION, TAG LINER TOP @3274', ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 10 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. ROTATE THRU LINER TOP @3274', TAG UP AGAIN @ 3281' C/O PLUG PARTS @ 3281' GO DOWN TO 3344' KO MIST KO AIR BLEED DOWN TBG. HANG SWVL. BACK, PU 2-3/8 TBG. TAG UP AGAIN @4057' LD TAG JT. PU PWR.SWVL. MAKE CONNECTION. ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 10 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS FROM 4057' TO 4080', START MILLING OUT CIBP @4080', KO MIST KO AIR BLEED DOWN TBG.

LD 1 JT. OF 2-3/8 TBG. WITH PWR.SWVL. TOO H W/ 4 STDS OF 2-3/8, 4.7, J-55, EUE, TBG. TO 3812'

SECURE WELL, DRAIN UP, PU TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number 15	Report Start Date 3/20/2025	Report End Date 3/20/2025
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Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES. BDW

SIBHP = 0 PSI.
SITP = 0 PSI.
SICP = 200 PSI.
BLEED DOWN WELL 15 MINUTES

TIH W/ 4 STDS. OF 2-3/8, 4.7, J55, EUE, TBG. PU PWR SWVL MAKE CONN.

ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 10 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. CONTINUE **MILLING OUT 4.5 CIBP @ 4080'** GO DOWN TO 4125' KO MIST KO AIR BLEED DOWN TBG. HANG SWVL. BACK, PU 2-3/8 TBG. TAG UP @5700', PBTD = 5715'.

LD TAG JT. PU PWR.SWVL. MAKE CONNECTION. ESTABLISH CIRCULATION WITH AIR MIST 1150 CFM WITH 10 BBLs WATER 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS F/ 5700' TO 5706' HARD AT THIS DEPTH. CIRC. WELL CLEAN, KO MIST KO AIR BLEED DOWN TBG.



Well Operations Summary L48

Well Name: SAN JUAN 29-7 UNIT #71A

API: 3003921631

Field: BLANCO MESAVERDE (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 2

Operation

LD 1 JT. OF 2-3/8 TBG. WITH PWR.SWVL. HANG SWVL. BACK, LD 4 MORE JTS. TOOH W/ 89 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. LD 3-7/8 JUNK MILL & BIT SUB

SECURE WELL, DRAIN UP, PU TOOLS & TRASH, DEBRIEF WITH RIG CREW SDFTD.

RIG CREW TRAVEL TO YARD

Report Number 16	Report Start Date 3/21/2025	Report End Date 3/21/2025
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Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, START & WARM UP EQUIPMENT. CK. PRESSURES. BDW

SIBHP = 0 PSI.

SITP = 0 PSI.

SICP = 140 PSI.

BLEED DOWN WELL 15 MINUTES

KILL WELL WITH 40 BBLs. OF FRESH WATER, PU 2-3/8 BHA, TIH W/ 89 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. PU 1 JT. PUT ON TBG. HGR. LAND TBG. @5639.44, SN @5596.66. TBG.STRG.AS FOLLOWS.

- (1) 2-3/8 BULL PLUG.
- (1) 2-3/8 X 9.95 PUP JT.
- (1) 2-3/8 SLOTTED MUD ANCHOR.
- (1) 2-3/8 X 1.78 ID SN
- (1) JT. OF 2-3/8 TBG.
- (1) 2-3/8 X 2.10 MARKER PUP JT.
- (178) JTS. OF 2-3/8 TBG.
- (1) 7" X .82 TBG.HGR.

LAND TBG. WITH 11' KB @5639.44, SN @5596.66.

RDFLR NDBOP NUWH ROD RATIGAN & PUMPING TEE, RU ROD HANDLING EQUIP.

PU ROD INSERT PUMP & PRIME PUMP, PU 3/4" ROD STRG. SEAT & SPACE OUT PUMP, LOAD TBG W/ FRESH WATER PT TBG TO 500 PSI BLEED DOWN PRESS. TO 250 PSI, STROKE PUMP W/ RIG TO 500 PSI, REL.PRESS. LAND RODS ON STUFFING BOX, NO PUMP JACK ON LOCATION. TOTAL ROD CONFIGURATION AS FOLLOWS.

- (1) 1" X 8' GAS ANCHOR.
- (1) 2" X 1-1/4" X 11' X 15' RHAC-Z HVR PUMP # HIL 1139.
- (1) 1" X 1' PONY ROD LIFT SUB.
- (1) 3/4" X 8' GUIDED PONY ROD.
- (1) 3/4" X 1' 18K SHEAR TOOL.
- (8) 1-1/4" X 25' SINKER BARS.
- (214) 3/4" X 25' SUCKER RODS.
- (1) 3/4 X 6' PONY ROD.
- (1) 1-1/4" X 22' POLISH ROD.

SECURE WELL, RIG DOWN PULLING UNIT & EQUIP. WILL MOVE ON MONDAY TO THE SAN JUAN 29-7 UNIT #128

RIG CREW TRAVEL TO YARD

Report Number 17	Report Start Date 3/22/2025	Report End Date 3/22/2025
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Operation

MOVE IN AND SPOT IDEAL COMPLETIONS EQUIPMENT. R/U SEPARATION EQUIPMENT. FLOW BACK WELL TO FLARE AND SALES. RIG DOWN IDEAL COMPLETIONS EQUIPMENT. (OPENED WELL 3/22 @ 11:00, SHUT IN ON 3/22 @ 17:00).



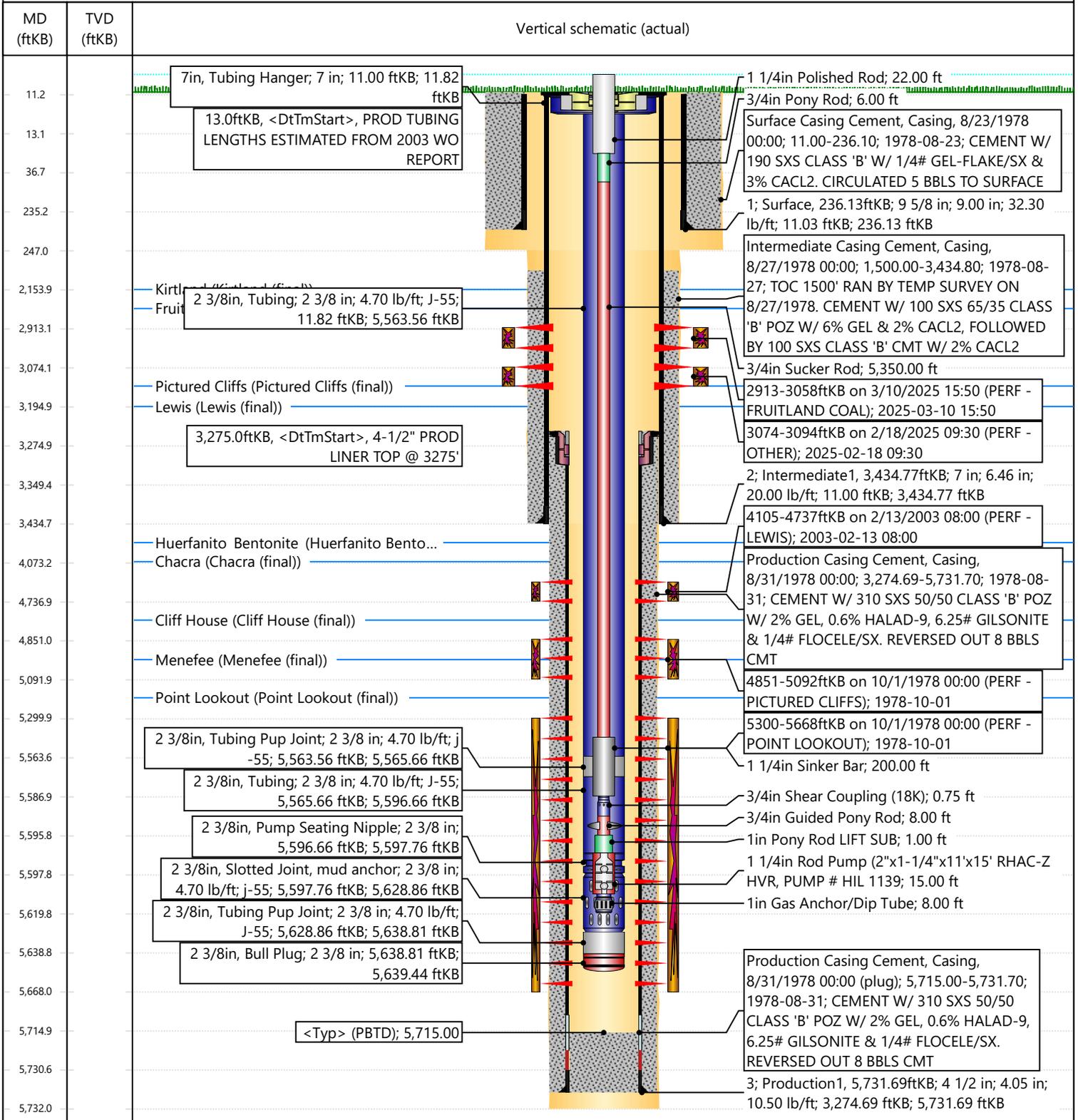
Current Schematic - Version 3

Well Name: SAN JUAN 29-7 UNIT #71A

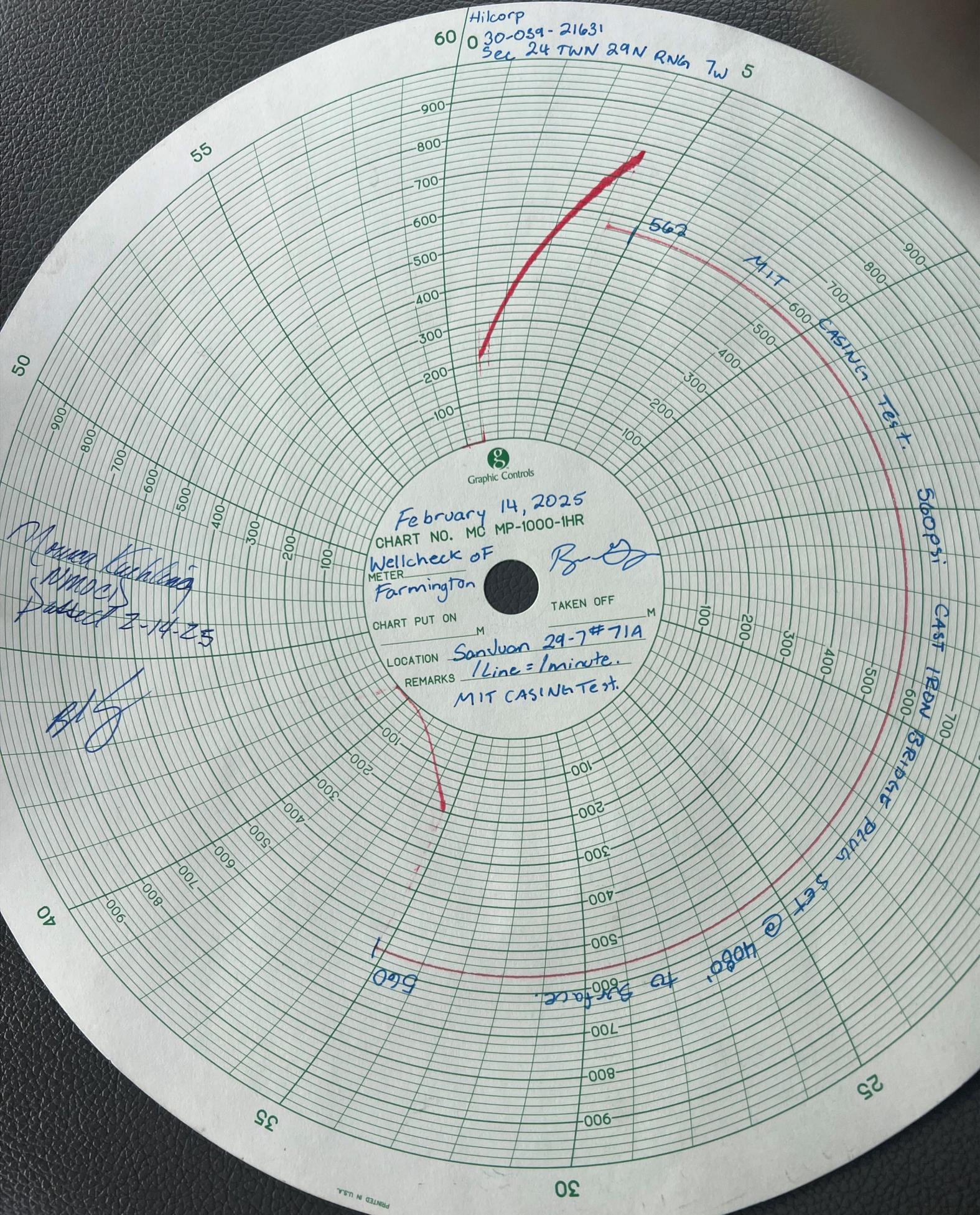
API / UWI 3003921631	Surface Legal Location 024-029N-007W-1	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 1003	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,247.00	Original KB/RT Elevation (ft) 6,258.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Tubing Strings					
Run Date 3/21/2025 10:00	Set Depth (ftKB) 5,639.44	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 8/23/1978 00:00

Original Hole [VERTICAL]



Hilcorp
030-059-21631
Sec 24 T1N 29N R16W 5



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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 465265

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 465265
	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

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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 465265

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 465265
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	5/20/2025