

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 29-6 UNIT 24A	Property Code: 318838
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-21252
Pool Name: BASIN FRUITLAND COAL	Pool Code: 71629

Section 2 – Surface Location

UL O	Section 21	Township 029N	Range 006W	Lot	Ft. from N/S 1165' South	Ft. from E/W 1775' East	Latitude 36. 707019	Longitude -107. 46479	County RIO ARriba
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Section 3 – Completion Information

Producing Method Flowing	Ready Date 9/27/2024	Perforations MD 2938'-3220'	Perforations TVD 2938'-3220'
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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): 383739	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Previous to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. Pending Approval
Production Casing Action ID: Previous to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Previous to system	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Yes	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name <i>Dawn Nash-Deal</i>	
<i>Released to Imaging: 10/25/2024 10:45:30 AM</i> Title: Operations Regulatory Tech <small>**Note: Extension Request granted 10/17/2024 via email, new C-104 RC due 10/31/2024 (S.McGrath)</small>	Date: 10/17/2024

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF080379A

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**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
SAN JUAN 29-6 UNIT

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
24A

3. Address **382 Road 3100, Aztec, NM 87410** 3a. Phone No. (include area code) **(505) 599-3400**

9. API Well No.
30-039-21252

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

At surface
O(SW/SE) 1165' FSL & 1775' FEL

At top prod. Interval reported below

At total depth

10. Field and Pool or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and
Survey or Area
SEC.21,T29N,R06W

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

14. Date Spudded **11/15/1976** 15. Date T.D. Reached **11/23/1976** 16. Date Completed **9/27/2024**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6315' GL

18. Total Depth: **5580'** 19. Plug Back T.D.: **5544'**

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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8", K-55	36		212'		115sx			
8 3/4"	7", K-55	20		3584'		150sx			
6 1/4"	4 1/2", K-55	11.6	3405'	5578'		210sx			

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"	3789'							

25. Producing Intervals



Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal (Upper)	2938	3179	1SPF	0.33"	59	OPEN
B) Fruitland Coal (Lower)	3193	3220	2SPF	0.34"	24	OPEN
C)						
D)						

26. Perforation Record



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

Depth Interval	Amount and Type of Material
Fruitland Coal Upper (2938-3179)	FOAM FRAC'D FRUITLAND COAL WITH 7,609 LBS OF 100 MESH AND 78,555 LBS 20/40 ARIZONA AND 37,926 GAL SLICKWATER AND 1.38 MILLION SCF N2. 70 QUALITY.
Fruitland Coal Lower (3193-3220)	FOAM FRAC'D FRUITLAND COAL WITH 2,514 LBS OF 100 MESH AND 25,453 LBS 20/40 ARIZONA AND 14,616 GAL SLICKWATER AND 0.42 MILLION SCF N2. 70 QUALITY.

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
9/27/2024	9/27/2024	4		0	40	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	n/a	SI-120		0	240	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
									
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 (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	2352'	2483'	White, cr-gr ss	Ojo Alamo	2352'
Kirtland	2483'	2934'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2483'
Fruitland	2934'	3229'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2934'
Pictured Cliffs	3229'	3384'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3229'
Lewis	3384'	4183'	Shale w/ siltstone stingers	Lewis	3384'
Chacra	4183'	4981'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4183'
Cliffhouse	4981'	5086'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4981'
Menefee	5086'	5383'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5086'
Point Lookout	5383'	'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5383'
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 sity 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 currently producing as a FC STANDALONE. The MV is currently shut in pending DHC.
FC # NMNM78416E

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

10/15/2024

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.

From: blm-afmss-notifications@blm.gov
Received by OCD: 10/25/2024 10:19:30 AM

Page 4 of 17

Sent on: Tuesday, October 22, 2024 1:39:59 PM

To: [Dawn Nash-Deal](#)

Subject: [EXTERNAL] Well Name: SAN JUAN 29-6 UNIT, Well Number: 24A, Notification of Well Completion Acceptance

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 29-6 UNIT**
- Well Number: **24A**
- US Well Number: **3003921252**
- Well Completion Report Id: **WCR2024102293440**

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

Well Name: SAN JUAN 29-6 UNIT	Well Location: T29N / R6W / SEC 21 / SWSE / 36.70702 / -107.46483	County or Parish/State: RIO ARRIBA / NM
Well Number: 24A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080379A	Unit or CA Name: SAN JUAN 29-6 UNIT--MV	Unit or CA Number: NMNM78416A
US Well Number: 3003921252	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2817566

Type of Submission: Subsequent Report	Type of Action: Recompletion
Date Sundry Submitted: 10/17/2024	Time Sundry Submitted: 01:53
Date Operation Actually Began: 08/09/2024	

Actual Procedure: The following well has been recompleted into the FC . The MV is currently shutin pending DHC approval. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

SAN_JUAN_29_6_UNIT_24A_SR_RCWRITEUP_20241017135249.pdf

Well Name: SAN JUAN 29-6 UNIT	Well Location: T29N / R6W / SEC 21 / SWSE / 36.70702 / -107.46483	County or Parish/State: RIO ARRIBA / NM
Well Number: 24A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080379A	Unit or CA Name: SAN JUAN 29-6 UNIT--MV	Unit or CA Number: NMNM78416A
US Well Number: 3003921252	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: OCT 17, 2024 01:52 PM
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: 10/22/2024
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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name
		7. If Unit of CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2		8. Well Name and No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		9. API Well No.
2. Name of Operator	3a. Address	10. Field and Pool or Exploratory Area
3b. Phone No. (include area code)		11. Country or Parish, State
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		

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 recompleate 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 perfonned 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 detennined 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: SWSE / 1165 FSL / 1775 FEL / TWSP: 29N / RANGE: 6W / SECTION: 21 / LAT: 36.70702 / LONG: -107.46483 (TVD: 0 feet, MD: 0 feet)

BHL: SWSE / 1165 FSL / 1775 FEL / TWSP: 29N / SECTION: / LAT: 36.70702 / LONG: 107.46483 (TVD: 0 feet, MD: 0 feet)



Well Operations Summary L48

Well Name: SAN JUAN 29-6 UNIT #24A

API: 3003921252	Field: MV	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: RIGLESS 2

Jobs

Actual Start Date: 8/9/2024	End Date:
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Report Number 1	Report Start Date 8/9/2024	Report End Date 8/9/2024
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Operation

CREW TRVL T/SAN JUAN 28-6 UNIT #49A.
PJSM FOR RIG DOWN RIG & EQUIP.
R/D RIG & EQUIP. MOVE RIG OFF WELLHEAD AND ARRANGE EQUIP T/ACCOMMODATE PRODUCTION.
RIG MOVE POSTPONED UNTIL MONDAY 8/12/24.
CREW TRVL T/YARD.

Report Number 2	Report Start Date 8/12/2024	Report End Date 8/12/2024
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Operation

CREW TRVL T/SAN JUAN 28-6 UNIT #49A.
PJSM W/AOL F/RIG MOVE.
LOAD OUT TRUCKS. MOB RIG & EQUIP T/SAN JUAN 29-7 UNIT #24A (15 MILE MOVE).
MIRU RIG & EQUIP.
PJSM. SICP-74, SITP-69, SIBHP-5. BDW 5 MINUTES.
N/D WH & TREE (HANGER LOCK DOWN PINS EXTREEMLY TIGHT). N/U BOP & TEST. R/U WORK FLOOR & TBG HANDLING EQUIP.
UNLAND TBG & L/D TBG HANER. R/U SCANNER. SCAN OUT W/2-3/8" PROD TBG F/5456'. OF 178 JNTS, DG & L/D ENTIRE STRING DUE T/INTERNAL PITTING. R/D SCANNER.
NOTE: SCAN = 0 YELLOW, 28 BLUE, 88 GREEN & 62 RED BAND JNTS. HOLES IN JNTS #94 & 96.
SWI. SECURE LOC. SDFN.
CREW TRVL T/YARD.

Report Number 3	Report Start Date 8/13/2024	Report End Date 8/13/2024
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Operation

CREW TRVL T/LOC.
PJSM. SICP-60, SITP-NA, SIBHP-0. BDW 5 MINUTES. SWAP TBG TRAILERS, SPOT REPLACEMENT TBG & BACKHAUL DG TBG.
M/U 6-1/4" BLADE BIT & 7" CSG SCRAPER, TALLY & TIH ON 2-3/8" 4.7 #, J-55 TBG F/TRAILER. TAG 4-1/2" LT @ 3418', STEEL LINE MEASUREMENT (PROG SHOWS 3405'). TOH W/TBG T/DERRICK. L/D BIT & SCRAPER.
M/U 3-7/8" HURRICANE BIT & STRING MILL, TIH ON 2-3/8" TBG F/DERRICK T/3438', CONT P/U TBG F/TRAILER T/4010' (TOP OF MV PERFS). TOH W/TBG T/DERRICK. L/D BIT & STRING MILL.
M/U 4-1/2" CIBP & TIH ON 2-3/8" TBG F/DERRICK.
SET 4-1/2" CIBP @ 3985'. RELEASE SETTING TOOL. ATTMPT LOAD HOLE W/FW, NEGATIVE. PUMP 50 BBLS OVER CAPACITY & DIDN'T FILL.
SWI. SECURE LOC. SDFN.
CREW TRVL T/YARD.

Report Number 4	Report Start Date 8/14/2024	Report End Date 8/14/2024
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Operation

CREW ATTEND HILCORP SAFETY MEETING (05:00 HRS).
TRAVEL T/LOC.
PJSM F/DAILY OPS.
SICP-0, ON VACUUM.
SITP-0,
SIBHP-0. BDW 0 MINUTES, NO PRESSURE.
TOH F/3965' W/2-3/8" TBG T/DERRICK, L/D 4-1/2" CIBP SETTING TOOL.
M/U 4-1/2" AS1-X PKR & TIH.
SET PKR @ 3433'. LOAD TBG W/15 BBL FW. PRTS 4-1/2" LINER & CIBP @3085', NEGATIVE. TBG & LINER WILL FILL BUT NOT HOLD PRESSUER (300 PSI T/0 PSI 5 SECONDS).
RELEASE PKR, TIH & RESET @ 3965' & RESET. ATTMPT TEST CIBP @ 3985', NEGATIVE, SAME LEAK (DETERMINE CIBP LEAKING).
LOAD TBG ANNULUS W/127 BBLS FW. PRESSURE UP & PURGE 7 BBLS AIR. ATTMPT PRTS 4-1/2" CSG & 7" CSG (ABOVE TEST PKR @ 3965', NEGATIVE. PRESSURE BLEED F/600 PSI T/0 PSI IN 2 MINUTES.
RELEASE 4-1/2" AS1-X PKR & TOH T/DERRICK.
M/U 4-1/2" CIBP, 4-1/2" AS1-X PKR W/UNLOADER & TIH ON 2-3/8" TBG F/DERRICK.
SET 4-1/2" CIBP @ 3960'. RELEASE SETTING TOOL. P/U & SET 4-1/2" TEST PKR @ 3936'. FILL TBG (3.5 BBLS) & TEST BETWEEN PKR & CIBP, NEGATIVE. LEAK F/600 T/0 PSI IN 1 MINUTE. FILL TBG ANNULUS W/35 BBLS & PRTS PROD CSG ABOVE PKR T/560 PSI, GOOD TEST.
RELEASE PKR & MOVE T/3944'. FILL TBG W/3 BBLS FW. ATTMPT PRTS BETWEEN PKR & CIBP, NEGATIVE. SAME LEAK AS BEFORE. LOAD CSG W/12 BBLS FW. PRTS CSG ABOVE PKR T/560 PSI, GOOD TEST.
BLEED PRESSURE OFF. SWI. SECURE LOC. SDFN.
CREW TRVL T/YARD.

Report Number 5	Report Start Date 8/15/2024	Report End Date 8/15/2024
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Operation

CREW TRVL T/LOC.



Well Operations Summary L48

Well Name: SAN JUAN 29-6 UNIT #24A

API: 3003921252

Field: MV

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 2

Operation

PJSM. SICP-0, SITP-0, SIBHP-0. BDW 0 MINUTES, NO PRESSURE.

RELEASE 4-1/2" PKR & TOH T/DERRICK F/3944' W/TBG & L/D PKR & SETTING TOOL.

M/U 4-1/2" SCBP & TIH ON 2-3/8" TBG.

SET 4-1/2" SEMI COMPOSITE BRIDGE PLUG @ 3936'. RELEASE SETTING TOOL & L/D 2 JNTS. LOAD HOLE W/23 BBLS FW & CIRC CLEAN. PRTS 4-1/2" & 7" PROD CSG T/580 PSI, GOOD TEST.

TOH & L/D 2-3/8" TBG & SETTING TOOL. TOP UP HOLE W/6 BLS FW.

R/U E-LINE. RUN CBL F/3936' (4-1/2" SCBP) T/SURFACE. SUBMIT LOG T/ENGINEERING. R/D E-LINE.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number

6

Report Start Date

8/16/2024

Report End Date

8/16/2024

Operation

CREW TRVL T/LOC.

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

TOP UP HOLE W/5 BBLS FW. R/U TESTER. RUN MIT PRE TEST, OK. PERFORM BRADENHEAD TEST, OK. CONDUCT MIT ON 4-1/2" & 7" PROD CSG T/560 PSI F/30 MINUTES, OK. ALL TESTING WITNESSED BY JOHN DURHAM W/NMOCD.

R/D WORK FLOOR & TBG HANDLING EQUIP. N/D BOP.

N/D 7" 2K x 11" 2K TBG SPOOL. WELDER PREP 7" STUMP (STUB UP 3"). N/U 7" 3K x 11" 2K TBG SPOOL. PRTS VOID T/1800 PSI, OK.

N/U BOP & TEST, OK. R/U WORK FLOOR.

R/U E-LINE. **RUN 7" CBP & SET @ 3319'.**RUN PERF GUNS. **PERFORATE THE 1ST STAGE FRUITLAND COAL INTERVAL: 3,193' TO 3,220' WITH 24 TOTAL SHOTS, 2 SPF 0.34" DIA.** PERFORATIONS. INDIVIDUAL INTERVALS = 3193'-3196' (8 SHOTS), 3201'-3202' (4 SHOTS), 3211'-3213' (6 SHOTS) & 3217'-3219' (6 SHOTS).

PERFORATING GUNS: OWEN 3 1/8" HSC, .34" DIAMETER PERFS, 180 DEGREE PHASE, 34" PENETRATION, 21.0 GRAM CHARGES. 1 GUN RUN. ALL PERFORATIONS WERE SHOT.

WELL ON VACUUM AFTER PERF. FLUID LEVEL @ 885' ON NEXT RUN.

RUN 7" SOT COMPOSITE FRAC THRU PLUG. **SET PLUG @ 3183'.**

NOTE: FOUND FLUID LEVEL IN WELL @ 885'. R/D E-LINE.

SWI. SECURE LOC. SDFWE.

CREW TRVL T/YARD.

Report Number

7

Report Start Date

8/19/2024

Report End Date

8/19/2024

Operation

CREW TRVL T/LOC.

PJSM (HYDRO TEST, RUN 3-1/2" FRAC STRING.

CHANGE OUT TUBING FLOATS.

RECEIVED 95 JOINTS (2,992.50') OF 3 1/2" 9.3# L-80 TUBING FROM TUBOSCOPE.

SEND IN 150 JOINTS (56,74.50') OF 2 3/8" 4.7# EUE J-55 WHITE BAND (9 JNTS IS YELLOW BAND) PROD TUBING FOR STORAGE AT TUBOSCOPE UNTIL NEEDED FOR WELL RECOMPLETION OPERATIONS.

R/U HYDRO TEST UNIT. M/U SELECT OIL TOOLS 7" AS1-X FRAC PACKER, TALLY DRIFT & P/U 3-1/2" 9.3#, L-80, EUE W/SPECIAL CLEARANCE COUPLINGS. HYDRO TEST PKR & STRING T/8000 PSI, OK. M/U TBG HANGER (ALSO TEST TBG HANGER & PUP JNT T/8000 PSI). R/D HYDRO TEST UNIT.

SPACE OUT & SET PACKER. LAND WITH 20K COMPRESSION.

FRAC STRING LANDED AS FOLLOWS:

1 - TBG HANGER

1 - 3 1/2" PUP JNT x 10'

1 - 86 JNTS 9.3#, L-80, EUE TBG

1 - 3 1/2" PUP JNT x 2' (MARKER JNT)

1 - 3 1/2" 9.3# EUE N-80 TUBING JOINT

1 - 7.0" AS1-X 10K FRAC PACKER

1 - WIRELINE RE-ENTRY GUIDE

CENTER ELEMENTS @ 2860.96', EOT @ 2865.69'

FILL TBG ANNULUS W/76 BBLS FW (LOT OF TIME TRYING TO PURGE AIR). PRTS 7" CSG & PKR T/500 PSI F/30 MINUTES, OK.

N/D BOP. INSTALL TWCV IN TBG HANGER. N/U FRAC STACK. PRTS VOID T/1800 PSI, OK. PRTS FRAC STACK T/8000 PSI F/30 MINUTES, CHART & RECORD, OK. REMOVE TWCV.

R/D RIG & EQUIP. PREP T/MOVE OFF.

SWI. SECURE LOC. SDFN. FINAL REPORT.

CREW TRVL T/YARD.

Report Number

8

Report Start Date

9/20/2024

Report End Date

9/20/2024



Well Operations Summary L48

Well Name: SAN JUAN 29-6 UNIT #24A

API: 3003921252

Field: MV

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 2

Operation

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

FRAC STAGE 1: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. FOAM FRAC'D FRUITLAND COAL WITH 2,514 LBS OF 100 MESH AND 25,453 LBS 20/40 ARIZONA AND 14,616 GAL SLICKWATER AND 0.42 MILLION SCF N2. 70 QUALITY. AVG RATE = 43 BPM, AVG PSI = 2,780. ISIP WAS 1,025 PSI (894 PSI IN 5 MINUTES). 100% OF SAND PUMPED.

DROP BALL ON FRAC BAFFLE. CHECK FOR BALL ACTION. RIH AND PERFORATE STAGE 2 FRUITLAND COAL (2938 - 3179) W/59 SHOTS, 1 SPF, 0.33" DIA

COOL DOWN AND TEST. FRAC STAGE 2: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. FOAM FRAC'D FRUITLAND COAL WITH 7,609 LBS OF 100 MESH AND 78,555 LBS 20/40 ARIZONA AND 37,926 GAL SLICKWATER AND 1.38 MILLION SCF N2. 70 QUALITY. AVG RATE = 44 BPM, AVG PSI = 3,347. ISIP WAS 1,729 PSI (1,580 PSI IN 5 MINUTES). PUMPED THREE 27,500 LB SAND RAMPS AND DROPPED 20/19 7/8" RCN BALLS IN BETWEEN RAMPS. DID NOT STAGE TO 2.5# SAND ON LAST STAGE DUE TO PRESSURE TRENDS. PUMPED 104% OF DESIGNED SAND TOTAL.

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 1,287 BBLS (INCLUDING 24 BBLS OF ACID). TOTAL SAND = 114,131 LBS. TOTAL N2 = 1.80 MILLION SCF.

Report Number

Report Start Date

Report End Date

9

9/23/2024

9/23/2024

Operation

CREW TRVL T/SAN JUAN 28-6 UNIT #110M.

PJSM W/AOL F/RIG MOVE.

LOAD OUT & MOVE RIG & EQUIP T/SAN JUAN 29-6 UNIT #24A (22 MILE MOVE).

MIRU RIG & EQUIP.

PJSM. CHECK PRESSURES. SICP-0, SITP-1050, SIBHP-0.

R/U CHOKE & 2" BLEED OFF LINE.

BLEED PRESSURE OFF THE TBG F/1050 PSI T/10 PSI IN 1.5 HRS. KILL TBG W/30 BBLS FW. DRY ROD TWCV INTO TBG HANGER.

N/D FRAC STACK. N/U BOP. R/U WORK FLOOR & TBG HANDLING EQUIP.

PRTS BOP T/250 PSI LOW & 2500 PSI HIGH.

UNLAND TBG & RELEASE 7" AS1-X FRAC PKR. PULL HANGER T/SURFACE. TBG PRESSURE @ 600 PSI. LUBRICATE OUT TWCV. KILL TBG W/40 BBLS FW (CSG STILL DEAD AFTER RELEASING PKR). L/D HANGER PUP. INSTALL STRIPPING RUBBER.

TOH & L/D 3-1/2" L-80 FRAC STRING F/2866' T/850'.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number

Report Start Date

Report End Date

10

9/24/2024

9/24/2024

Operation

CREW TRVL T/LOC.

PJSM. SICP-510, SITP-510, SIBHP-0. BDW 10 MINUTES.

CONT TOH & L/D 3-1/2" 9.3#, L-80 FRAC STRING F/850'. L/D 7" AS1-X FRAC PKR.

NOTE: KILL CSG W/25 BBL FW WHILE TRIPPING.

M/U 6-1/4" JUNK MILL ON MILLING ASSMBLY & TIH ON 2-3/8" 4.7# J-55 TBG. TAG @ 3121' (42' FILL).

R/U PWR SWIVEL & ESTABLISH CIRC W/AIR MIST USING 1350 CFM, 10 BPH FW, 1 GPH SOAP & 1 GPH CI.

CLEAN OUT FILL (SAND) F/3121' T/7" FRAC BAFFLE @ 3183'. MILL OUT BAFFLE T/3185' (3.5 HRS MILL TIME).

SINGLE IN W/SWIVEL. TAG @ 3310' (9' FILL). ESTABLISH CIRC W/12 BPH FW, 1 GPH SOAP & 1 GPH CI. CLEAN OUT FILL (PLUG PARTS & SAND F/3310' T/3314'. PUMP SWEEPS & CIRC HOLE CLEAN. HANG SWIVEL IN DERRICK.

TOH W/6-1/4" JNK MILL T/2900'.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number

Report Start Date

Report End Date

11

9/25/2024

9/25/2024

Operation

CREW TRVL T/LOC.

PJSM. SICP-240, SITP-NA, SIBHP-0. BDW 5 MINUTES.

TIH W/6-1/4" JNK MILL F/2900'. TAG @ 3314'. R/U PWR SWIVEL & ESTABLISH CIRC W/12 BPH FW, 1 GPH SOAP & 1 GPH CI.

CLEAN OUT FILL (PLUG PARTS & SAND) F/3324' T/7" CBP @ 3319'. MILL OUT CBP T/3321' (4 HRS 40 MINUTES MILL TIME). SINGLE IN W/SWIVEL. TAG @ 3403' (2' ABOVE 4-1/2" LT).

ESTABLISH CIRC W/AIR MIST. ATTEMPT CLEAN OUT PLUG PARTS BUT MILLING SOLID & DID NOT WANT TO RISK DAMAGING LINER TOP W/6-1/4" JNK MILL. PUMP SOAP SWEEP & CIRC CLEAN. R/D PWR SWIVEL & HANG IN DERRICK.

TOH W/2-3/8" TBG & 3-1/8" DC'S T/DERRICK. BREAK & L/D 6-1/4" JNK MILL (IN GOOD CONDITION).

M/U 3-7/8" JNK MILL ON SAME MILLING ASSMBLY & TIH ON 3-1/8" DC'S & TBG F/DERRICK T/2900'.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number

Report Start Date

Report End Date

12

9/26/2024

9/26/2024

Operation

CREW TRVL T/LOC.

PJSM. SICP-200, SITP-NA, SIBHP-0. BDW 5 MINUTES.

TIH W/3-7/8" JNK MILL F/2900'. TAG UP @ 3403' 2' ABOVE 4-1/2" LINER TOP.



Well Operations Summary L48

Well Name: SAN JUAN 29-6 UNIT #24A

API: 3003921252	Field: MV	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 2

Operation		
R/U PWR SWIVEL. ESTABLISH CIRC W/AIR MIST USING 1350 CFM, 12 BPH FW, 1 GPH SOAP & 1 GPH CI. CLEAN OUT (7" PLUG PARTS) F/3403' T/3405' (4 -1/2" LINER TOP). CONTINUE CHASING & MILLING PLUG PARTS T/4-1/2" SCBP @ 3936'. PUMP SWEEPS & CIRC CLEAN. R/D PWR SWIVEL & HANG IN DERRICK.		
TOH T/DERRICK W/2-3/8" 4.7#, J-55, EUE TBG. L/D 3-1/8" DC'S & 3-7/8" MILLING ASSMBLY. NOTE 3-7/8" MILL IN GOOD COND.		
M/U 2-3/8" PGA-1 BHA & TIH W/118 JTS ON 2-3/8" 4.7#, J-55, EUE TBG F/DERRICK. M/U TBG HANGER.		
LAND TBG AS FOLLOWS: SN @ 3748.57, EOT @ 3789.39'		
1 - TBG HANGER		
118 - JNTS OF 2-3/8" 4.7#, J-55, EUE TBG		
1 - SN (1.78" ID)		
1 - PGA-1 x 2-3/8" MA (W/3/8" WEEP HOLE & SLOTTED MID JNT).		
1 - 10' PUP JNT x 2-3/8"		
1 - BULLPLUG		
R/D PWR SWIVEL & RACK ON TRAILER. R/D WORK FLOOR & TBG HANDLING EQUIP. N/D BOP. N/U WH & PUMP-T.		
SWI. SECURE LOC. SDFN.		
CREW TRVL T/YARD.		
Report Number 13	Report Start Date 9/27/2024	Report End Date 9/27/2024
Operation		
CREW TRVL T/LOC.		
PJSM. SICP-180, SITP-25, SIBHP-0. BDW 5 MINUTES.		
SURFACE TEST 1-1/4" I-PUMP, OK. TIH ON 3/4" ROD STRING F/TRAILER.		
SPACE OUT & SEAT I-PUMP. PRTS TBG T/800 PSI W/RIG PUMP, OK. LONG STROKE I-PUMP T/800 PSI, OK. SPACE OUT I-PUMP 5" OFF TAP & CLAMP OFF ON STUFFING BOX.		
R/D RIG & EQUIP & MOVE OFF. HAND WELL OVER T/IDEAL WELL TESTERS. FINAL RIG REPORT.		

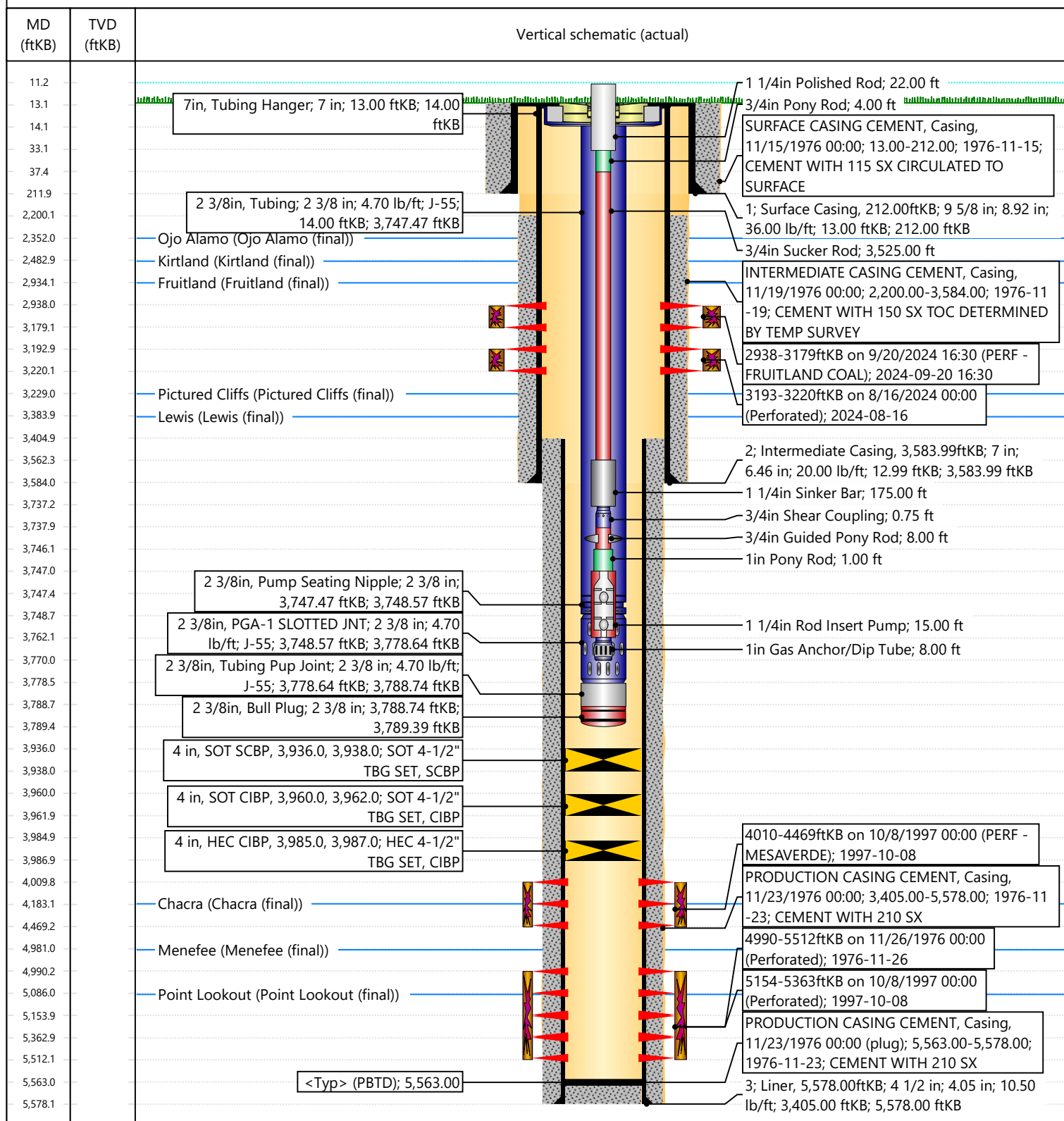


Current Schematic - Version 3

Well Name: SAN JUAN 29-6 UNIT #24A

API / UWI 3003921252	Surface Legal Location 021-029N-006W-O	Field Name MV	Route 1306	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,315.00	Original KB/RT Elevation (ft) 6,328.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
Tubing Strings					
Run Date 9/26/2024 16:30	Set Depth (ftKB) 3,789.39	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 11/15/1976 00:00

Original Hole [Vertical]



Ailcorp Energy
APR 30-039-21252

Sec 21
TWN 29N
RNG 006 W



Graphic Controls
8-16-24
CHART NO. MC MP-1000-1HR
Wellcheck
METER
TAKEN OFF
CHART PUT ON
LOCATION San Juan 29 6 Unit 24A
REMARKS MIT CASING TEST
560 psi for 30mins

TESTED
From
3936
to surface
16 Apr-2024

PRINTED IN U.S.A.

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 395896

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 395896
	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 395896

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 395896
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	10/25/2024