

Santa Fe Main Office Phone: (505) 476-3441 Fax: (505) 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 checked="" type="checkbox"/> New Well (C-104NW) <input 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 NP 330	Property Code: 318702
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-25522
Pool Name: BLANCO MESAVERDE	Pool Code: 72319

Section 2 – Surface Location

UL M	Section 5	Township 027N	Range 005W	Lot	Ft. from N/S 790' South	Ft. from E/W 1136' West	Latitude 36. 598158	Longitude -107.387026	County RIO ARRIBA
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Section 3 – Completion Information

Producing Method Flowing	Ready Date 12/6/2024	Perforations MD 5,117' – 5,974'	Perforations TVD 5,032' – 5,833'
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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): N/A	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input checked="" type="checkbox"/> Yes <input 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: N/A	Down Hole Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Production Casing Action ID: 400000	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: N/A	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): N	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 Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 1/15/2025

Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Thursday, January 16, 2025 4:07 PM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: SAN JUAN 27-5 UNIT NP, Well Number: 330, Notification of Well Completion Acceptance

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 27-5 UNIT NP**
- Well Number: **330**
- US Well Number: **3003925522**
- Well Completion Report Id: **WCR2025011694304**

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: SIDETRACK

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

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

At surface Unit M (SWSW), 790' FSL & 1136' FWL

At top prod. Interval reported below

At total depth Unit M (SWSW), 1256' FSL & 381' FWL

14. Date Spudded

9/6/2024

15. Date T.D. Reached

9/8/2024

16. Date Completed

12/6/2024

☐ D & A☒ Ready to Prod.

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

6,665'

18. Total Depth:

6,264'

19. Plug Back T.D.:

6,000'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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#	0	246'	n/a	210 sx			
8 3/4"	7" K-55	20#	0	3,360'	n/a	711 sx			
6 1/8"	4 1/2" J-55	11.6#		6033'	n/a	340 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	5759'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse	5,117'	5,388'	1 SPF	0.33"	20	open
B) Menefee	5,407'	5,727'	1 SPF	0.33"	24	open
C) Point Lookout	5,741'	5,974'	1 SPF	0.33"	20	open
D)						
TOTAL					64	

26. Perforation Record

Depth Interval	Amount and Type of Material
5117-5388	BDW w/water & 500 gal 15% HCl. Frac @ 60 bpm w/ 70Q N2 foam, 33,726 gal slickwater, 85,821# sand & 1.08M SCF N2
5407-5727	BDW w/water & 500 gal 15% HCl. Frac @ 60 bpm w/ 70Q N2 foam, 34,482 gal slickwater, 83,215# sand & 1.45M SCF N2
5741-5974	BDW w/water & 500 gal 15% HCl. Frac @ 60 bpm w/ 70Q N2 foam, 33,852 gal slickwater, 83,294# sand & 1.16M SCF N2

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
12/6/2024	12/6/2024	4	➡	0	74	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	
28/64"	500 psi	540 psi	➡	0	74	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

Sold

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	2,779'	2967'	White, cr-gr ss	Ojo Alamo	2,779'
Kirtland	2,967'	3214'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2,967'
Fruitland	3,214'	3473'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3,214'
Pictured Cliffs	3,473'		Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,473'
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite		4451'	White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra	4,451'	5210'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4,451'
Cliff House	5,210'	5388'	Light gry, med-fine gr ss, carb sh & coal	Cliff House	5,210'
Menefee	5,388'	5765'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5,388'
Point Lookout	5,765'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,765'
Mancos			Dark gry carb sh.	Mancos	
Gallup			Lt. gry to brn calc carb micac gluc 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 currently producing as a standalone Mesaverde. MV PA NMNM078409B.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Cherylene WestonTitle Operations/Regulatory TechnicianSignature Cherylene WestonDate 1/15/2025

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.

Well Name: SAN JUAN 27-5 UNIT NP	Well Location: T27N / R5W / SEC 5 / SWSW / 36.59804 / -107.38657	County or Parish/State: RIO ARRIBA / NM
Well Number: 330	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF079393	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003925522	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2831807

Type of Submission: Subsequent Report

Type of Action: Deepen Well

Date Sundry Submitted: 01/15/2025

Time Sundry Submitted: 09:42

Date Operation Actually Began: 11/14/2024

Actual Procedure: The subject well was sidetracked and completed as a single Mesaverde producer. Please see attached reports.

SR Attachments

Actual Procedure

SJ_27_5_Unit_NP_330_ST_Completion_SR_20250115094200.pdf

Well Name: SAN JUAN 27-5 UNIT NP	Well Location: T27N / R5W / SEC 5 / SWSW / 36.59804 / -107.38657	County or Parish/State: RIO ARRIBA / NM
Well Number: 330	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF079393	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003925522	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: JAN 15, 2025 09:42 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: 01/16/2025

Signature: Kenneth Rennick

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

5. Lease Serial No.

NMSF079393

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

SAN JUAN 27-5 UNIT NP/330

2. Name of Operator

HILCORP ENERGY COMPANY

9. API Well No. 3003925522

3a. Address 1111 TRAVIS STREET, HOUSTON, TX 77002

3b. Phone No. (include area code)
(713) 209-2400

10. Field and Pool or Exploratory Area

Basin Fruitland Coal/BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 5/T27N/R5W/NMP

11. Country or Parish, State

RIO ARRIBA/NM

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 checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 recompleat 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 recompleat 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.)

The subject well was sidetracked and completed as a single Mesaverde producer. Please see attached reports.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

CHERYLENE WESTON / Ph: (713) 289-2615

Title

Operations/Regulatory Tech - Sr

Signature (Electronic Submission)

Date

01/15/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted

Title Petroleum Engineer

Date

01/16/2025

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 FARMINGTON

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: SWSW / 795 FSL / 1135 FWL / TWSP: 27N / RANGE: 5W / SECTION: 5 / LAT: 36.59804 / LONG: -107.38657 (TVD: 0 feet, MD: 0 feet)

BHL: SWSW / 795 FSL / 1135 FWL / TWSP: 27N / SECTION: / LAT: 36.59804 / LONG: 107.38657 (TVD: 0 feet, MD: 0 feet)



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT NP #330 ST1

API: 3003925522

Field: BSN (FTLD COAL)

#3046

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: DWS 28

Jobs

Actual Start Date: 9/16/2024

End Date:

Report Number
11

Report Start Date
11/14/2024

Report End Date
11/14/2024

Operation

MIRU WIRELINE AND FRAC.

ATTEMPTED TO RIH AND PERFORATE STAGE 1. STARTED TAGGING @ 5,006'. BEAT DOWN THRU OBSTRUCTION. PASSED THRU SEVERAL TIMES TO VERIFY TRAVEL. CONTINUED DOWN AND RETAGGED @ 5,387'. AGAIN, BEAT DOWN THRU AND VERIFIED MOVEMENT. RETAGGED @ 5,711'. COULD NOT GET THRU SPOT WITH SEVERAL ATTEMPTS. STILL ~250' FROM FIRST SHOT FOR STAGE 1. POOH AND RAN IN HOLE WITH 2" WEIGHT BAR STRING. TAGGED AT SAME SPOT. ATTEMPTED TO WORK THRU WITH NO LUCK. POOH. WAIT ON MORE TOOLS. WENT IN HOLE WITH HEAVIER 3-1/8" WEIGHT BARS TO OVERCOME DEVIATION. TAGGED AT SAME SPOT AND ATTEMPTED TO PUSH OBSTRUCTION. BEAT DOWN SEVERAL TIMES WITH NO SUCCESS. CALLED HOUSTON WITH FINDINGS. POOH.

RDMO WIRELINE AND FRAC.

Report Number
12

Report Start Date
11/17/2024

Report End Date
11/17/2024

Operation

RIG CREW TRAVEL TO THE SAN JUAN 29-6 UNIT #5A.

PJSM W/ M & R TRKING. LOAD EQUIP. ROAD RIG & MOVE EQUIP. FROM. THE SAN JUAN 29-6 UNIT #5A TO THE SAN JUAN 27-5 UNIT NP 330 (16.6 MILE MOVE).

SPOT EQUIP. & RIG, RIG UP PULLING UNIT & EQUIP. REMOVE GUARDS FROM AROUND BRAKE DRUM. STEAM CLEAN AROUND BRAKE DRUM AND SURROUNDINGS TO PERFORM BRAKE BAND AND BRAKE INSPECTION, LINKAGE AND ALL ITEMS INVOLVING DRUM BRAKE ASSEMBLY.
(INSPECTION WILL BE DONE TOMORROW MORNING)

RIG CREW TRAVEL TO YARD

Report Number
13

Report Start Date
11/18/2024

Report End Date
11/18/2024

Operation

RIG CREW TRAVEL TO LOCATION

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

.
SITP = 0 PSI.
SICP = 0 PSI.
SIIP = 0 PSI.
SIBHP = 0 PSI.
NO BLEED DOWN

DRAKE WELL SERVICE MECHANIC & TOOL PUSHER INSPECTED BRAKES & COMPONENTS ON BRAKE DRUM, INSPECTION PASSED ALL GOOD, INSTALL GUARDS BACK ON

ND FRAC STK. REM. FALSE BOTTOM TBG. HGR. NUBOP CHANGE OUT PIPE RAMS TO 2-3/8" RUFLR.

PJSM WITH M & R TRKING. SPOT IN TBG. TRAILER, PU 3-7/8" BIT & BIT SUB, TALLY & PU 191 JTS. OF 2-3/8, 4.7, J-55, EUE, TBG. TO 6000' STACKED OUT ON TBG.

LD 1 JT. OF 2-3/8, 4.7, J-55, EUE, TBG. TOO H WITH 95 STDS OF 2-3/8 TBG. LD BIT SUB & 3-7/8" BIT

SECURE WELL, DRAIN UP, PICK UP TOOLS AND TRASH, DEBRIEF WITH RIG CREW SDFD

RIG CREW TRAVEL TO YARD

Report Number
14

Report Start Date
11/19/2024

Report End Date
11/19/2024

Operation

RIG CREW TRAVEL TO LOCATION

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

.
SITP = 0 PSI.
SICP = 0 PSI.
SIIP = 0 PSI.
SIBHP = 0 PSI.
NO BLEED DOWN

PJSM WITH BASIN WIRELINE SPOT IN RUWL RIH WITH 3.125 X 14" WEIGHT BARS TO 5986' ROH RDWL.

PU 3-7/8 BIT & BIT SUB, TIH WITH 95 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. TO 5970'

TOOH LD 190 JTS. OF 2-3/8, 4.7, J-55, EUE, TBG. BIT SUB & 3-7/8 BIT.

RDFLR NDBOP INSTALL FALSE BOTTOM TBG. HGR. W/ 2-WAY CHECK RUN IN LOCK DOWN PINS, NU FRAC STK. SPOT IN RU WELLCHECK TEST TRK. PT FRAC STK. PT. FAILED AFTER 2 ATTEMPTS, 2-WAY CK. NOT HOLDING REM. 2-WAY CK. BIG RED WILL COME OUT TOMORROW AND RE-TEST FRAC STK.

SECURE WELL, DRAIN UP, RIG DOWN PULLING UNIT & EQUIPMENT. WILL MOVE IN THE MORNING TO THE SAN JUAN 28-6 UNIT #206

RIG CREW TRAVEL TO YARD

Report Number
15

Report Start Date
11/21/2024

Report End Date
11/21/2024

Operation

RIG UP BASIN WIRELINE. RIH, **PERFORATE STAGE #1 POINT LOOKOUT (5,741'-5,974') W/20 SHOTS, 0.33" DIA**, 3-1/8" HSC GUN, SELECT FIRE 1 **SPF**, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 5741, 5753, 5764, 5777, 5781, 5795, 5807, 5816, 5822, 5835, 5849, 5861, 5874, 5891, 5896, 5903, 5917, 5927, 5953, 5974 . ALL SHOTS FIRED. POOH.



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT NP #330 ST1

API: 3003925522

Field: BSN (FTLD COAL)

#3046

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 28

Operation

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

FRAC STAGE 1 POINT LOOKOUT (5,741'-5,974'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL, FOAM FRAC'D WITH 83,294 LBS 20/40 ARIZONA AND 33,852 GAL SLICKWATER AND 1.16 MILLION SCF N2. 70 QUALITY. AVG RATE = 60 BPM, AVG PSI = 2,410. ISIP WAS 93 PSI. 100% OF DESIGNED SAND PUMPED.

RIG UP WIRELINE. RIH, **SET BRIDGE PLUG AT 5,738' AND PERFORATE STAGE #2 MENELEE (5,407'-5,727') W/24 SHOTS, 0.33" DIA, 3-1/8" HSC GUN, SELECT FIRE 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 5407, 5424, 5440, 5461, 5479, 5498, 5509, 5517, 5538, 5560, 5567, 5582, 5594, 5613, 5626, 5637, 5651, 5670, 5679, 5686, 5698, 5714, 5727 . ALL SHOTS FIRED. POOH.**

FRAC STAGE #2 MENELEE (5,407' - 5,727'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D WITH 83,215 LBS 20/40 ARIZONA AND 34,482 GAL SLICKWATER AND 1.45 MILLION SCF N2. 70 QUALITY. AVG RATE = 60 BPM, AVG PSI = 2,931 PSI. ISIP WAS 787 PSI. (420 PSI IN 5 MINUTES). 100% OF DESIGNED SAND AWAY.

RIG UP WIRELINE. RIH, **SET BRIDGE PLUG AT 5,400' AND PERFORATE STAGE #3 CLIFFHOUSE (5,117'-5,388') W/20 SHOTS, 0.33" DIA, 3-1/8" HSC GUN, SELECT FIRE 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 5117, 5159, 5171, 5199, 5221, 5227, 5236, 5258, 5269, 5279, 5286, 5292, 5309, 5315, 5327, 5339, 5354, 5369, 5378, 5388. ALL SHOTS FIRED. POOH.**

FRAC STAGE #3 CLIFFHOUSE (5,117'-5,388'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D WITH 85,851 LBS 20/40 ARIZONA AND 33,726 GAL SLICKWATER AND 1.08 MILLION SCF N2. 70 QUALITY. AVG RATE = 60 BPM, AVG PSI = 2,544 PSI. ISIP WAS 1,050 PSI. (669 PSI IN 5 MINUTES). 103% OF DESIGNED SAND AWAY.

RIH AND **SET CBP AT 4,908'**. BLEED OFF, PLUG HOLDING.

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 2,466 BBLS (INCLUDING 36 BBLS OF ACID). TOTAL SAND = 252,360 LBS. TOTAL N2 = 3.70 MILLION SCF.

Report Number
16

Report Start Date
11/27/2024

Report End Date
11/27/2024

Operation

RIG CREW TRAVEL TO THE SAN JUAN 28-6 UNIT #206

PJSM W/ M & R TRKING. LOAD EQUIP. & MOVE EQUIP. FROM. THE SAN JUAN 28-6 UNIT #206 TO THE SAN JUAN 27-5 UNIT NP 330 (7 MILE MOVE)

SPOT EQUIP. & RIG, SHUT DOWN FOR THANKSGIVING HOLIDAY.

RIG CREW TRAVEL TO YARD

Report Number
17

Report Start Date
12/2/2024

Report End Date
12/2/2024

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING, AFTER HOLIDAY WEEK END, START & WARM UP EQUIP. CK.PRESSURES.

SITP = 0 PSI.

SICP = 0 PSI.

SIIP = 0 PSI.

SIBHP = 0 PSI.

NO BLEED DOWN

RIG UP PULLING UNIT AND EQUIPMENT

PJSM WITH BIG RED & WELLCHECK, ND FRAC STK. INSTALL 2-WAY CK. IN FALSE BOTTOM TBG.HGR. NUBOP RUFLR. HAD TO RIG UP REPLACEMENT ACCUMULATOR. FUNCTION TEST BOP, PT. BOP BLIND & PIPE RAMS 250 PSI LOW F/ 5 MIN. 2500 PSI HIGH F/ 10 MIN. GOOD TESTS. REL.PRESS. PULL FALSE BOTTOM TBG.HGR. (NOTE: HAD TO CHANGE OUT BLIND RAM RUBBERS, STILL NO TEST, CHANGED OUT BLIND RAM BLOCKS GOOD TEST)

PU 3-7/8" JUNK MILL & BIT SUB, TALLY & PU 157 JTS. OF 2-3/8, 4.7, J-55, EUE, TBG. TAG CBP #1 @ 4908'.

LD TAG JT. TOO H WITH 5 STDS. OF 2-3/8 TBG. TO 4585'

SECURE WELL, DRAIN UP, PLUMB IN 3" FLOWLINES TO MUD CROSS, PU TOOLS & TRASH DEBRIEF WITH RIG CREW SDFD

RIG CREW TRAVEL TO YARD

Report Number
18

Report Start Date
12/3/2024

Report End Date
12/3/2024

Operation

RIG CREW TRAVEL TO LOCATION

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

SITP = 0 PSI.

SICP = 0 PSI.

SIIP = 0 PSI.

SIBHP = 0 PSI.

NO BLEED DOWN

TIH W/ 5 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG.

PU PWR.SWVL. MAKE CONN. UNLOAD WELL WITH AIR, ESTAB. CIRC. W/ AIR/MIST, 1150 CFM WITH 12 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. **DRILL OUT CBP #1 @ 4908'.**

DROP DOWN TO 4931' CIRC.WELL CLEAN, KO AIR/MIST, MAKE CONNECTIONS W/ PWR.SWVL. TAG UP @ 5310', ESTAB. CIRC. W/ AIR/MIST, 1150 CFM WITH 12 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS F/ 5310' TO 5400', **DRILL OUT CBP #2 @ 5400'** DROP DOWN TO 5410' CIRC. WELL CLEAN, KO AIR/MIST, MAKE CONNECTIONS W/ PWR.SWVL. TAG UP @ 5718' ESTAB. CIRC. W/ AIR/MIST, 1150 CFM WITH 12 BBLS WATER. 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS F/ 5718' TO 5738', **DRILL OUT CBP #3 @ 5738'** DROP DOWN TO 5749' CIRC. WELL CLEAN, KO AIR/MIST, PUMP 12 BBLS. OF FRESH WATER DOWN TBG.

LD 1 JT. WITH PWR.SWVL. HANG SWVL. BACK TOO H W/ 10 STDS. OF 2-3/8, 4.7, J-55, EUE TBG. TO 5089'.

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



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT NP #330 ST1

API: 3003925522

Field: BSN (FTLD COAL)

#3046

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 28

Operation

RIG CREW TRAVEL TO YARD

Report Number
19Report Start Date
12/4/2024Report End Date
12/4/2024

Operation

RIG CREW TRAVEL TO LOCATION

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

.
SITP = 0 PSI.
SICP = 600 PSI.
SIIP = 0 PSI.
SIBHP = 0 PSI.
BLEED DOWN WELL 12 MIN.

TIH W/ 10 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. PU 3 JTS. OF 2-3/8 TBG. TAG UP @5799' LD TAG JT.

PU PWR.SWVL. MAKE CONN. UNLOAD WELL WITH AIR, ESTAB. CIRC. W/ AIR/MIST, 1150 CFM WITH 12 BBLs WATER, 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND & PLUG PARTS FROM 5799' TO 6000' HARD AT THIS DEPTH, (**NEW PBTD = 6000'**) CIRC. WELL CLEAN KO AIR/MIST. PUMP 12 BBLs. OF FRESH WATER DOWN TBG.

LD 1 JT. WITH PWR.SWVL. HANG SWVL. BACK TOOH W/ 14 STDS. OF 2-3/8, 4.7, J-55, EUE TBG. TO 5089'.

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

RIG CREW TRAVEL TO YARD

Report Number
20Report Start Date
12/5/2024Report End Date
12/5/2024

Operation

RIG CREW TRAVEL TO LOCATION

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

.
SITP = 0 PSI.
SICP = 600 PSI.
SIIP = 0 PSI.
SIBHP = 0 PSI.
BLEED DOWN WELL 12 MIN.

TIH W/ 14 STDS OF 2-3/8, 4.7, J-55, EUE, TBG. PU 1 JT. OF 2-3/8 TBG. TAG UP @ 5980', HAD C/O TO 6000', 20' OF FILL LD TAG JT.

PU PWR.SWVL. MAKE CONN. UNLOAD WELL WITH AIR, ESTAB. CIRC. W/ AIR/MIST, 1150 CFM WITH 12 BBLs WATER, 2 GALLONS OF FOAMER, 2 GALLONS INHIBITOR PER HOUR. C/O SAND FROM 5980' TO 6000' PBTD CIRC. WELL CLEAN KO MIST, DRY UP TBG. W/ AIR KO AIR, BLEED DOWN TBG.

LD 1 JT. OF 2-3/8 TBG. WITH PWR.SWVL. RD & RB SWVL. LD 8 JTS. OF 2-3/8 TBG. TOOH W/ 91 STDS. OF 2-3/8, 4.7, J-55, EUE, TBG. LD 3-7/8" JUNK MILL & BIT SUB. (NOTE: HAD TO KILL WELL W/ 40 BBLs. OF FRESH WATER TO GET OUT OF HOLE)

TIH DRIFTING 2-3/8" PROD. TBG.STRG. AS FOLLOWS.

- (1) 2-3/8" X .41" PUMP OFF PLUG.
(1) 2-3/8" X 1.10 X 1.78 ID SN.
(1) JT. OF 2-3/8, 4.7, J-55, EUE, TBG.
(1) 2-3/8 X 2.03' PUP JT.
(182) JTS. OF 2-3/8, 4.7, J-55,EUE, TBG.
(1) 7" X .87 TBG.HGR.

.
PUT ON TBG. HGR. **LAND 2-3/8 PROD TBG WITH 12' KB @ 5759.42
SN @ 5757.91**

RD FLR ND BOP NU WH

PUMP 3 BBLs OF FRESH WATER DOWN TBG., KICK IN AIR, PRESSURE TEST TUBING
TO 500 PSI FOR 10 MINUTES, GOOD TEST
PUMP OFF PUMP OUT PLUG AT 1200 PSI. UN-LOAD WELL KO AIR.

SECURE WELL, RIG DOWN PULLING UNIT & EQUIP. PU TOOLS & TRASH. DEBRIEF WITH RIG CREW SDFD. WILL MOVE IN THE MORNING TO THE SAN JUAN 29-6 UNIT #5A.

RIG CREW TRAVEL TO YARD.

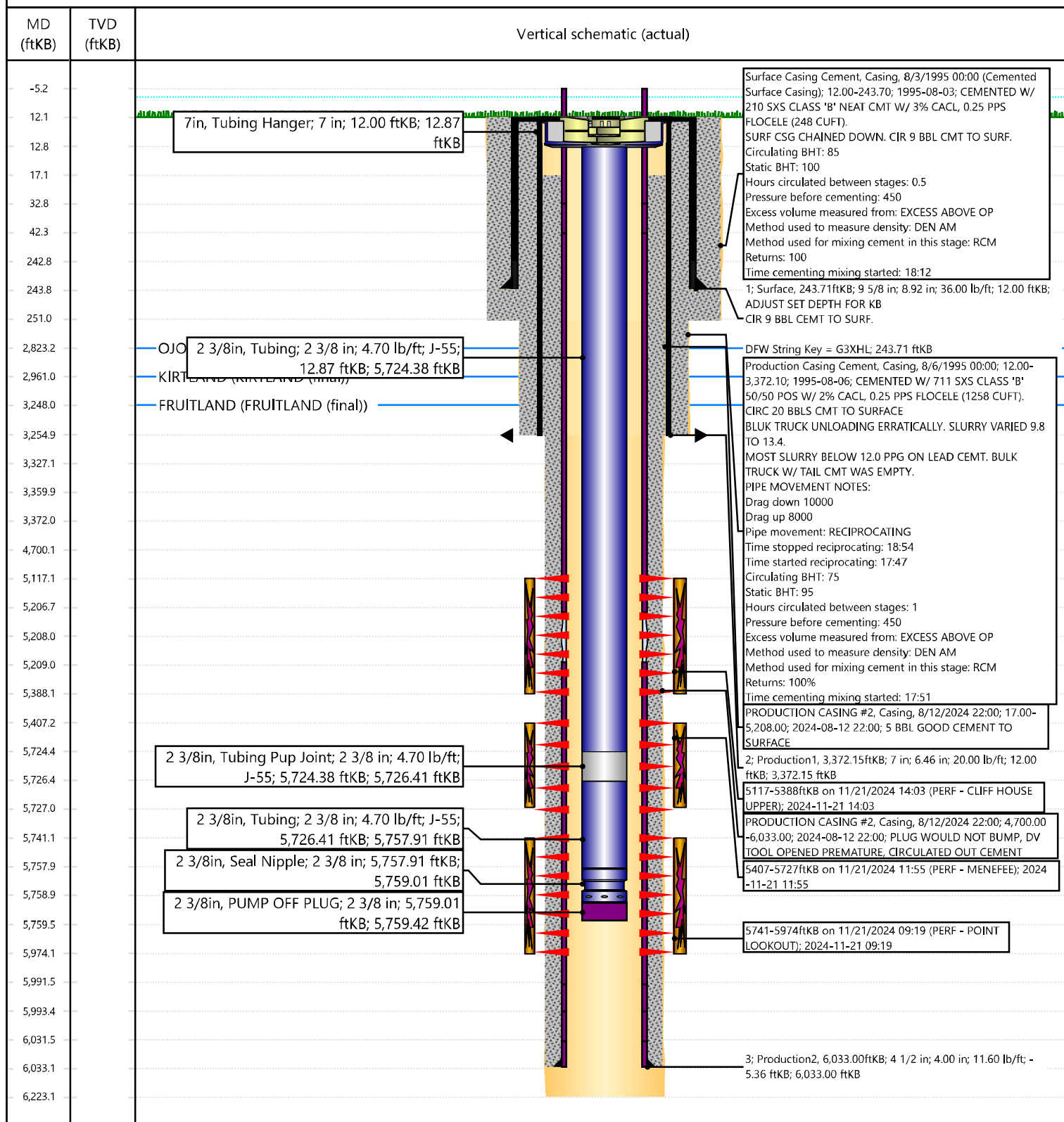


Current Schematic - Version 3

Well Name: SAN JUAN 27-5 UNIT NP #330 ST1

API / UWI 3003925522	Surface Legal Location 005-027N-005W-M	Field Name BSN (FTLD COAL) #3046	Route 1312	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,666.00	Original KB/RT Elevation (ft) 6,678.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
Tubing Strings					
Run Date 12/5/2024 13:00	Set Depth (ftKB) 5,759.42	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 8/2/1995 14:00

Sidetrack 1 [VERTICAL]



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 421801

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 421801
	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
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 421801

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 421801
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/17/2025