

Well Name: SAN JUAN 31-6 UNIT	Well Location: T30N / R7W / SEC 1 / NWSW / 36.838791 / -107.527115	County or Parish/State: RIO ARRIBA / NM
Well Number: 6	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079000	Unit or CA Name: SAN JUAN 31-6 UNIT--MV	Unit or CA Number: NMNM78421A
US Well Number: 3003907914	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2865224

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/25/2025

Date Operation Actually Began: 06/24/2025

Type of Action: Casing

Time Sundry Submitted: 07:05

**Actual Procedure:** Hilcorp Energy Company recently attempted a casing repair, the repair has failed and the well will be permanently plugged & abandoned. Attached please find the subsequent report for the work performed to date. A separate NOI to P&A the well will be filed.

SR Attachments

Actual Procedure

SAN\_JUAN\_31\_6\_UNIT\_6\_SR\_Csg\_Repair\_20250725070458.pdf

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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: AMANDA WALKER

Signed on: JUL 25, 2025 07:05 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST

City: HOUSTONState: TX

Phone: (346) 237-2177

Email address: MWALKER@HILCORP.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 07/28/2025

Signature: Matthew Kade

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.**

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	
11. Country or Parish, State	

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well		
<input type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
2. Name of Operator		
3a. Address	3b. Phone No. (include area code)	
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: NWSW / 1660 FSL / 990 FWL / TWSP: 30N / RANGE: 7W / SECTION: 1 / LAT: 36.838791 / LONG: -107.527115 ( TVD: 0 feet, MD: 0 feet )

BHL: NWSW / 1660 FSL / 990 FWL / TWSP: 30N / SECTION: / LAT: 36.838791 / LONG: 107.527115 ( TVD: 0 feet, MD: 0 feet )



## Well Operations Summary L48

Well Name: SAN JUAN 31-6 UNIT #6

API: 3003907914

Field: MV

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: DWS 32

## Jobs

Actual Start Date: 6/24/2025

End Date: 7/17/2025

Report Number	Report Start Date	Report End Date
1	6/24/2025	6/24/2025

## Operation

CREW TRVL T/SJ 30-6 #34A.

PJSM W/AOL F/RIG MOVE.

LOAD OUT TRUCKS. MOB RIG &amp; EQUIP T/SJ 31-6 #6 (18 MILE MOVE).

MIRU RIG &amp; EQUIP.

PJSM. SICP-220, SITP-20, SIICP-0, SIBHP-0. BDW 10 MINUTES.

N/D WH &amp; TREE. N/U BOP &amp; TEST, OK. R/U WORK FLOOR &amp; TBG EQUIP.

UNLAND 2-3/8" PROD TBG & L/D HANGER. R/U SCANNER. SCAN OUT W/2-3/8" 4.7# TBG F/5919'. OF 187 JNTS, DG 136 JNTS DUE T/INTERNAL PITTING. EXTERNAL WASH HOLE @ 2015'. DRAIN HOLE SHOT @ 4459'. SWAB WET TBG BELOW DRAIN HOLE INTO CSG. FINISH SCAN OUT. R/D SCANNER. SCAN = 51 YELLOW, 91 BLUE, 28 GREEN & 17 RED BAND JNTS.

M/U3-7/8" TWISTER BIT &amp; 3-7/8" STRING MILL. TIH ON 2-3/8" 4.7# TBG F/DERRICK T/1616'.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

SWI. SECURE LOC. SDFN.

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CREW TRVL T/YARD.

CREW TRVL T/YARD.

Report Number	Report Start Date	Report End Date
2	6/25/2025	6/25/2025

## Operation

CREW TRVL T/LOC.

PJSM. SICP-5, SITP-NA, SIICP-0, SIBHP-0. BDW 5 MINUTS.

R/U 3" LINES, WAIT ON TBG T/BE DELIVERED. SWAP TRAILERS.

CONT TIH W/3-7/8" BIT &amp; STRING MILL F/1616' ON 2-3/8" TBG F/TRAILER T/5403' (TOP PERF 5390').

TOH W/2-3/8" TBG T/DERRICK, L/D 3-7/8" SCRAPER ASSMBLY.

M/U 4-1/2" HEC CIBP &amp; 4-1/2" AS1-X PKR &amp; TIH IN TANDEM ON 2-3/8" TBG F/DERRICK.

SET CIBP @ 5365'. RELEASE SETTING TOOL. P/U & SET AS1-X @ 5341'. TEST CIBP T/560 PSI W/RIG PUMP, GOOD TEST. OPEN UNLOADER, OK. RELEASE PKR (TROUBLE RELEASING PKR). PULL UP HOLE W/PKR. ATTEMPT RESET PKR @ 2696', NEGATIVE. P/U 1 JNT & ATTEMPT TO SET PKR @ 2727', NEGATIVE.

TOH W/PKR F/2727'. L/D PKR.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number	Report Start Date	Report End Date
3	6/26/2025	6/26/2025

## Operation

CREW TRVL T/LOC.

PJSM. SICP-0,

SITP-0, SIICP-0, SIBHP-0. NO BDW, NO PRESSURE.

M/U 4-1/2" AS1-X PKR W/UNLOADER &amp; TIH T/2696'.

SET PKR @ 2696'. PRTS CSG BELOW PKR T/560 PSI, GOOD TEST (BOTTOM OF LEAK). MOVE UP HOLE & TEST CSG ABOVE PKR F/2664' T/2554' W/NEGATIVE RESULTS. CSG WILL FILL BUT NOT HOLD PRESSURE. COMMUNICATION T/4-1/2 ANNULUS @ SURFACE.

RELEASE PKR & TOH 10 STANDS T/1908'. ATTEMPT TEST CSG ABOVE PKR, NEGATIVE. CSG WILL FILL BUT NOT HOLD FLUID OR PRESSURE. SUSPECT PKR OR UNLOADER PROBLEM.

TOH W/TBG T/DERRICK. L/D &amp; INSPECT PKR. PKR IN GOOD VISIBLE CONDITION.

M/U 4-1/2" AS1-X PKR & TIH ON 2-3/8" TBG F/DERRICK. PRTS CSG ABOVE PKR F/1279' T/1719' T/560 PSI, GOOD TESTS. TOP FAILED TEST @ 1750'. RELEASE PKR & L/D 1 JNT.

NOTE: LEAK BETWEEN 1719' T/2696' = 977' OF BAD PIPE.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number	Report Start Date	Report End Date
4	6/30/2025	6/30/2025

## Operation

CREW TRVL T/LOC.

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

TOOH WITH 2-3/8, 4.7, J-55, EUE TBG. LD 4.5 PKR.

PU 4.5 RBP &amp; 4.5 PKR TIH W/ 2-3/8, 4.7, J-55 TBG. TO 2696' SET RBP

TESTING 4.5 CSG TO 500 PSI, WITH 4.5 RBP & 4.5 PKR. CAME UP WITH THE FOLLOWING RESULTS. GOOD TEST F/ 2680' TO 2696'. HOLES IN 4.5 CSG. F/ 2620' TO 2680', GOOD 4.5 CSG. F/ 1746' TO 2620', HOLE IN CSG. F/ 1715' TO 1746'. GOOD 4.5 CSG. FROM 1715' TO SURFACE.

TOOH WITH 4.5 PKR. &amp; RBP LD. TOOLS. SHUT DOWN DUE TO WINDY CONDITIONS.



## Well Operations Summary L48

Well Name: SAN JUAN 31-6 UNIT #6

API: 3003907914

Field: MV

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 32

## Operation

SECURE WELL, PICK UP TOOLS &amp; TRASH, DEBRIEF WITH RIG CREW SDFTD

RIG CREW TRAVEL TO YARD

Report Number  
5Report Start Date  
7/1/2025Report End Date  
7/1/2025

## Operation

CREW TRVL T/LOC.

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

PU 4.5 PKR. TIH W/ 2-3/8, 4.7, J-55, TBG. SET PKR. @ 2601'

WITH 4.5 PKR SET @2601, CIRC. WELL WITH FRESH WATER DOWN TBG. THRU HOLES IN 4.5 CSG. FROM 2620' TO 2680' UP THRU 7" CSG. 200 PSI, 2.5 BPM

RELEASE 4.5 PKR. TOH W/ 2-3/8 TBG. LD 4.5 PKR.

PU 4.5 CICR TIH W/ 2-3/8 TBG. TO 2595' SET CICR, SHEAR OFF STING OUT, STING IN, VERIFY CIRC. THRU CICR WITH FRESH WATER

PJSM WITH DRAKE CEMENTERS, SPOT IN RU CEMENTERS. PRIME UP PT. LINES TO 1000 PSI, GOOD TEST REL. PRESS. WITH CICR SET @2595' &amp; HOLES IN 4.5 CSG. F/ 2620 TO 2680', PUMP (5) BBLs. OF FRESH WATER AHEAD, PUMP 62 SX OF CLASS G, (12.6 BBLs.).

1.15 YLD. 15.8 PPG. DISPLACE W/ 9.5 BBLs. OF FRESH WATER, AVERAGE RATE 2.0 BPM, AVERAGE PSI. 70.

RD CEMENT LINE OFF OF TBG. RU CMT. LINE TO WASH UP TO CLEAN UP PIT RD CEMENTERS.

TOC = 2563'

STING OUT OF CICR. LD 2 JTS. OF 2-3/8 TBG. TO 2531', REV. CIRC. 20 BBLs. WITH FRESH WATER, TOO H W/ 2-3/8 TBG. LD STINGER.

SECURE WELL, PICK UP TOOLS &amp; TRASH, DEBRIEF WITH RIG CREW SDFTD

RIG CREW TRAVEL TO YARD.

Report Number  
6Report Start Date  
7/2/2025Report End Date  
7/2/2025

## Operation

CREW TRVL T/LOC.

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

PU 4.5 PKR. TIH W/ 2-3/8, 4.7, J-55, TBG. SET PKR. @ 1655'

WITH 4.5 PKR SET @1655, CIRC. WELL WITH FRESH WATER DOWN TBG. THRU HOLE IN 4.5 CSG. FROM 1715' TO 1746' UP THRU 7" CSG. 200 PSI, 2 BPM.

RELEASE 4.5 PKR. TOH W/ 2-3/8 TBG. LD 4.5 PKR.

PU 4.5 CICR TIH W/ 2-3/8 TBG. TO 1650' SET CICR, SHEAR OFF STING OUT, STING IN, VERIFY CIRC. THRU CICR WITH FRESH WATER

PJSM WITH DRAKE CEMENTERS, SPOT IN RU CEMENTERS. PRIME UP PT. LINES TO 1000 PSI, GOOD TEST REL. PRESS. WITH CICR SET @1650' &amp; HOLE IN 4.5 CSG. F/ 1715 TO 1746', PUMP (5) BBLs. OF FRESH WATER AHEAD, PUMP 37 SX OF CLASS G, (7.6 BBLs.).

1.15 YLD. 15.8 PPG. DISPLACE W/ 5.8 BBLs. OF FRESH WATER, AVERAGE RATE 2.0 BPM, AVERAGE PSI. 100.

RD CEMENT LINE OFF OF TBG. RU CMT. LINE TO WASH UP TO CLEAN UP PIT RD CEMENTERS.

TOC = 1500'

STING OUT OF CICR. TOO H W/ 3 STDS. OF 2-3/8 TBG. TO 1461', REV. CIRC. 12 BBLs. WITH FRESH WATER, TOO H W/ 2-3/8 TBG. LD STINGER.

SECURE WELL, PICK UP TOOLS &amp; TRASH, DEBRIEF WITH RIG CREW SDFTD

RIG CREW TRAVEL TO YARD

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

## Operation

CREW TRVL T/LOC.

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

PU 3-7/8" JUNK MILL &amp; BIT SUB TIH W/ 2-3/8, 4.7, J-55 TBG. TAG TOC @1600' LD. TAG JT.

PU &amp; RU PWR.SWVL. MAKE CONNECTION, ESTABLISH CIRC. W/ FRESH WATER DRILL OUT CMT. F/ 1600' TO 1650' (HARD CEMENT) MILL OUT CICR @1650', CONTINUE DRLG. CEMENT &amp; CICR PARTS TO 1684' KO PUMP.

SET SOT 4-1/2" SEMI COMPOSITE CMNT RETAINER @ 1645'. R/U CEMENTERS. STING OUT OF RETAINER &amp; TOP UP HOLE W/11 BBLs FW. STING INTO RETAINER &amp; ATTEMPT T/GET AN INJ RATE, NEGATIVE. PRESSURE UP IMMEDIATELY. ATTEMPT UNSTING &amp; RESTING W/NO PROGRESS. TBG OR STINGER PLUGGED. UNABLE T/CIRC OR REVERSE CIRC. R/D CEMENTERS.

LD 1 JT. OF 2-3/8 TBG. W/ PWR.SWVL. HANG SWVL BACK, LD 2 MORE JTS. OF 2-3/8 TBG. TO 1589'.

SECURE WELL, PICK UP TOOLS &amp; TRASH, DEBRIEF WITH RIG CREW SDFTWE, WILL CONTINUE OPERATIONS ON MONDAY 7/7/25.

RIG CREW TRAVEL TO YARD.

Report Number  
8Report Start Date  
7/7/2025Report End Date  
7/7/2025

## Operation

CREW TRVL T/LOC.

PJSM. NO BDW, NO PRESSURE.

P/U 2 JNTS TBG. R/U PWR SWIVEL. BREAK CIRC W/FW USING RIG PUMP. TAG TOC @ 1684'. CLEAN OUT CMNT T/1746' (DRILL THROUGH SOLID CMNT @ 1730').

ATTEMPT PRTS CMNT SQUEEZE, NEGATIVE. INJ RATE OF .5 BPM @ 500 PSI W/COMMUNICATION T/7" INT CSG. REPORT RESULTS T/ENGINEERING.

TOH W/TBG T/DERRICK. L/D 3-7/8" JUNK MILL.

WAIT ON RETAINER T/BE DELIVERED.

M/U 4-1/2" SCCR &amp; TIH ON 2-3/8" TBG.





## Well Operations Summary L48

Well Name: SAN JUAN 31-6 UNIT #6

API: 3003907914

Field: MV

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 32

## Operation

SET 4-1/2" SOT, SEMI COMPOSITE CMNT RETAINER @ 1645'. RELEASE SETTING TOOL. R/U CEMENTERS. STING OUT OF SCCR TOP UP HOLE W/11 BBLs FW. STING INTO RETAINER & ATTEMPT T/ESTABLISH INJECTION RATE. NEGATIVE, PRESSURE UP IMMEDIATELY. FOUND STINGER T/BE PLUGGED. UNABLE T/CLEAR

TOH W/TBG T/DERRICK. L/D SETTING TOOL & STINGER (FOUND A WIRELINE SETTING TOOL PART INSIDE STINGER).

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number  
9

Report Start Date  
7/8/2025

Report End Date  
7/8/2025

## Operation

CREW TRVL T/LOC.

PJSM. NO BDW, NO PRESSURE.

M/U NEW 4-1/2" SCCR STINGER & TIH ON 2-3/8" TBG F/DERRICK T/1643'.

R/U CEMENTERS. TOP FILL HOLE W/6 BBLs FW & ESTABLISH CIRC. STING INTO SCCR @ 1645'. ATTEMPT ESTABLISH INJECTION RATE INTO LEAK, NEGATIVE. IMMEDIATE PRESSURE. ATTEMPT T/RESTING INTO RETAINER SEVERAL TIMES W/SAME RESULT. R/D CEMENTERS.

TOH T/DERRICK W/TBG. L/D STINGER.

M/U 3-7/8" JUNK MILL & TIH ON 2-3/8" TBG T/1640'.

R/U PWR SWIVEL & ESTABLISH CIRC W/FRESH WATER. DRILL OUT SCCR F/1645' T/1647' & CHASE T/1800'.

ESTABLISH CIRC W/3 BBLs FW. ATTEMPT PRTS 4-1/2" CSG W/RIG PUMP, NEGATIVE. PUMP INTO LEAK W/1/2 BPM @ 300 PSI. R/U PUMP TRUCK. ESTABLISH INJ RATE OF 1 BPM @ 800 PSI W/COMMUNICATION T/7" INT CSG. R/D PUMP TRUCK.

TOH W/TBG T/DERRICK. L/D 3-7/8" JNK MILL.

WAIT ON CMNT RETAINER T/BE DELIVERED. M/U 4-1/2" SCCR & TIH ON TBG F/DERRICK.

SET SCCR @ 1664'. RELEASE RUNNING TOOL. R/U CMNTRS. STING OUT OF RETAINER. TOP UP HOLE W/3 BBLs & ESTABLISH CIRC. STING INTO SCCR & ESTABLISH INJECTION RATE OF 1.1 BPM @ 300 PSI. MIX & PUMP 40 SX OF 15.8 PPG, 1.15 YLD CLASS G CMNT. DISP W/5.8 BBLs FW (AVG RATE OF 1 BPM @ 350 PSI). STING OUT OF RETAINER LEAVING 2 SX (0.4 BBLs) CMNT ON TOP OF RETAINER). R/D CEMENTERS.

NOTE: TOC INSIDE PROD CSG 1618' T/TOP OF SCCR @ 1644' (2 SX). CMNT F/BTTM SCCR @ 1646' T/LEAK @ 1746' (15 SX). ESTIMATED TOC IN 7" CSG IS 1592' & BOTTOM @ 1746' (23 SX).

TOH W/TBG T/DERRICK. L/D RETAINER RUNNING TOOL & STINGER.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number  
10

Report Start Date  
7/9/2025

Report End Date  
7/9/2025

## Operation

CREW ATTEND DRAKE WELL SERVICE MONTHLY SAFETY MEETING. TRVL T/LOC.

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

M/U 3-7/8" JNK MILL & TIH ON 2-3/8" TBG F/DERRICK. TAG TOC @ 1580'.

R/U PWR SWIVEL & BREAK CIRC W/RIG PUMP USING FRESH WATER. CLEAN OUT CMNT F/1580' T/SCCR @ 1644'. CIRC CLEAN & PRTS CSG T/560 PSI, OK. DRILL OUT SCCR T/1646' (2 HRS DRILL TIME). CLEAN OUT PLUG PARTS & CMNT T/1750' (DROP OUT OF CMNT @ 1715').

CIRC HOLE CLEAN. PRTS 4-1/2" PROD CSG T/560 PSI, NEGATIVE. PRESSURE DROP F/560 PSI T/540 IN 1 MINUTE, DROP T/360 (200 PSI) IN 15 MINUTES. ATTEMPT BLEED & REPRESSURE SEVERAL TIMES W/SAME RESULT.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number  
11

Report Start Date  
7/10/2025

Report End Date  
7/10/2025

## Operation

CREW TRAVEL TO LOCATION.

S/M. CHECK WELL FOR PRESSURE.

SICP-0,  
SITP-0,  
SIICP-0,  
SIBHP-0.  
NO BDW. NO PRESSURE.

OPEN WELL. CONNECT RIG PUMP TO CSNG LOAD W / 1 BBL. PRESSURE UP TO 600 PSI. 5- MIN DROPPED TO 560 PSI. 10- MIN DROPPED 500 PSI. 20- MIN DROPPED TO 400. 30-MIN DROPPED TO 300 PSI. BLEED OFF PRESSURE.

WAIT ON ORDRES.

PLAN DRILL SECOND CMT PLUG AND P/T. HANG POWER SWIVEL. RIH. TAGGED AT 2446'.

R/U POWER SWIVEL. BREAK CIRC, DRLG CMT AND PLUG PARTS FROM 2446' TO 2565' CIRC WELL CLEAN. L/D 2 JTS,

SECURE WELL, AND LOCATION, DEBRIEF CREW.

CREW TRAVEL HOME.

Report Number  
12

Report Start Date  
7/11/2025

Report End Date  
7/11/2025





## Well Operations Summary L48

**Well Name: SAN JUAN 31-6 UNIT #6**

**API: 3003907914**

**Field: MV**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: DWS 32**

### Operation

CREW TRVL T/LOC.

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

P/U 3 JNTS. R/U PWR SWIVEL & BREAK CIRC W/RIG PUMP.

CLEAN OUT CMNT F/2765' T/CIBP @ 2595'. NOTE: CMNT VERY SOLID.

DRILL OUT CIBP T/2597' (DRILL TIME 4 HS 20 MIN). CLEAN OUT CMNT & PLUG PARTS T/2700' (DROP OUT OF CMNT @ 2680').

CIRC CLEAN. PRTS 4-1/2" CSG T/600 PSI (SAME LEAK AS ON TOP SQUEEZE), 5- MIN DROPPED TO 560 PSI. 10- MIN DROPPED 500 PSI. 20-MIN DROPPED TO 400. 30-MIN DROPPED TO 300 PSI. BLEED OFF PRESSURE.

SWI. SECURE LOC. SDFWE.

CREW TRVL T/YARD.

Report Number

13

Report Start Date

7/14/2025

Report End Date

7/14/2025

### Operation

S/M. CHECK WELL FOR PRESSURE. OPEN WELL.

SICP-0,

SITP-0,

SIICP-0,

SIBHP-0.

NO BDW. NO PRESSURE.

HANG POWER SWIVEL. POH W / 2-3/8 TBG. BREAK DOWN JUNK MILL.

WAIT ON TOOL HAND TO RUN 4.5 RBP.

S/M WITH SELECT. SPOT IN TRUCK UNLOAD RBP. MAKE UP RBP. W/RBP TO 1850' SET RELEASE. P/U 60' ROLL HOLE AND DUMP 10 GAL OF SAND ON TOP OF RBP. KICK OUT PUMP.

POH W / 2-3/8 TBG L/D SETTING TOOL, M/U MULE SHOE. RIH W / 2-3/8 TBG TO 1806'.

S/M WITH DRAKE ENERGY SERVICE. SPOT IN EQUIP R/U EQUIP. P/T LINES TO 1500 PSI GOOD TEST PUMP 5 BBL FW AHEAD. GO INTO CMT , MC 500, 1.33 YEILD. 7.73 MIX 12PPG. 22 SX TOTAL (5.2 BBLs). DISPLACE W/ 5 BBL FW.

KICK OUT PUMP L/D 10 JTS TO 1487' REVERSE CIRC. POH TO 1141'

CONNECT PUMP TRUCK PRESSURE UP TO 1000 PSI DROPPED 50 PSI IN 10 MIN. PRESSURED UP TO 1000 PSI DROPPED 50 PSI IN 15 MIN. PRESSURED UP TO 1000 PSI HELD SOLID 15 MIN. SWAP OVER TO N2 UNIT W / 1000 PSI.

SECURE WELL FOR THE NIGHT. DEBRIEF CREW.

CREW TRAVEL HOME.

Report Number

14

Report Start Date

7/15/2025

Report End Date

7/15/2025

### Operation

CREW TRVL T/LOC.

PJSM. SICP-740 (N2 PRESSURE), SITP-NA, SIICP-0, SIBHP-0. BDW 1 MINUTE.

TIH W/2-3/8" NOTCHED COLLAR F/1141'. TAG CMNT @ 1586'. SET 5K WT ON CMNT & WT DROPPED T/NEUTRAL. L/D 2 JNTS & BREAK CIRC T/ENSURE TBG CLEAR.

TOH W/2-3/8" TBG T/DERRICK, L/D NOTCHED COLLAR.

M/U 3-7/8" TRICONE TOOTH BIT & TIH ON 2-3/8" TBG F/DERRICK T/1556'. R/U PWR SWIVEL. WOC.

SWI. SECURE LOC. WOC. SDFN.

CREW TRVL T/YARD.

Report Number

15

Report Start Date

7/16/2025

Report End Date

7/16/2025

### Operation

CREW TRVL T/LOC.

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

BREAK CIRC W/FW. CLEAN OUT CMNT F/1586' T/1840' (DRILL OUT F/UNDER CMNT @ 1790'). CIRC CLEAN.

PRTS 4-1/2" CSG T/560 PSI W/RIG PUMP F/1 HR, NEGATIVE. LEAK 20 PSI IN 5 MIN, 20 PSI IN 10 & 15 MIN & 85 PSI IN 30 MINUTES, LEAKED OFF T/360 PSI AFTER 1 HR. CIRC SAND OFF OF 4-1/2" RBP @ 1850'. R/D PWR SWIVEL.

TOH W/TBG T/DERRICK L/D 3-7/8" BIT.

M/U RBP RETRIEVING TOOL & TIH ON TBG F/DERRICK. LATCH ONTO & RELEASE 4-1/2" RBP. TOH W/TBG T/DERRICK. L/D 4-1/2" RBP.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number

16

Report Start Date

7/17/2025

Report End Date

7/17/2025

### Operation

CREW TRVL T/LOC.

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

TIH W/2-3/8" 4.7#, J-55 YELLOW BAND TBG F/DERRICK t/5306'.

TOH & L/D 2-3/8" 4.7# J-55 TBG F/5306'.

N/D BOP. INSTALL TBG HANGER. N/U WH & TREE. R/D 3" LINES.

R/DRIG & EQUIP. PREP T/MOVE OFF.



Well Operations Summary L48

Well Name: SAN JUAN 31-6 UNIT #6

API: 3003907914	Field: MV	State: NEW MEXICO
	Sundry #:	Rig/Service: DWS 32

Operation

SWI. SECURE. LOC. SDFN.  
CREW TRVL T/YARD. FINAL REPORT.

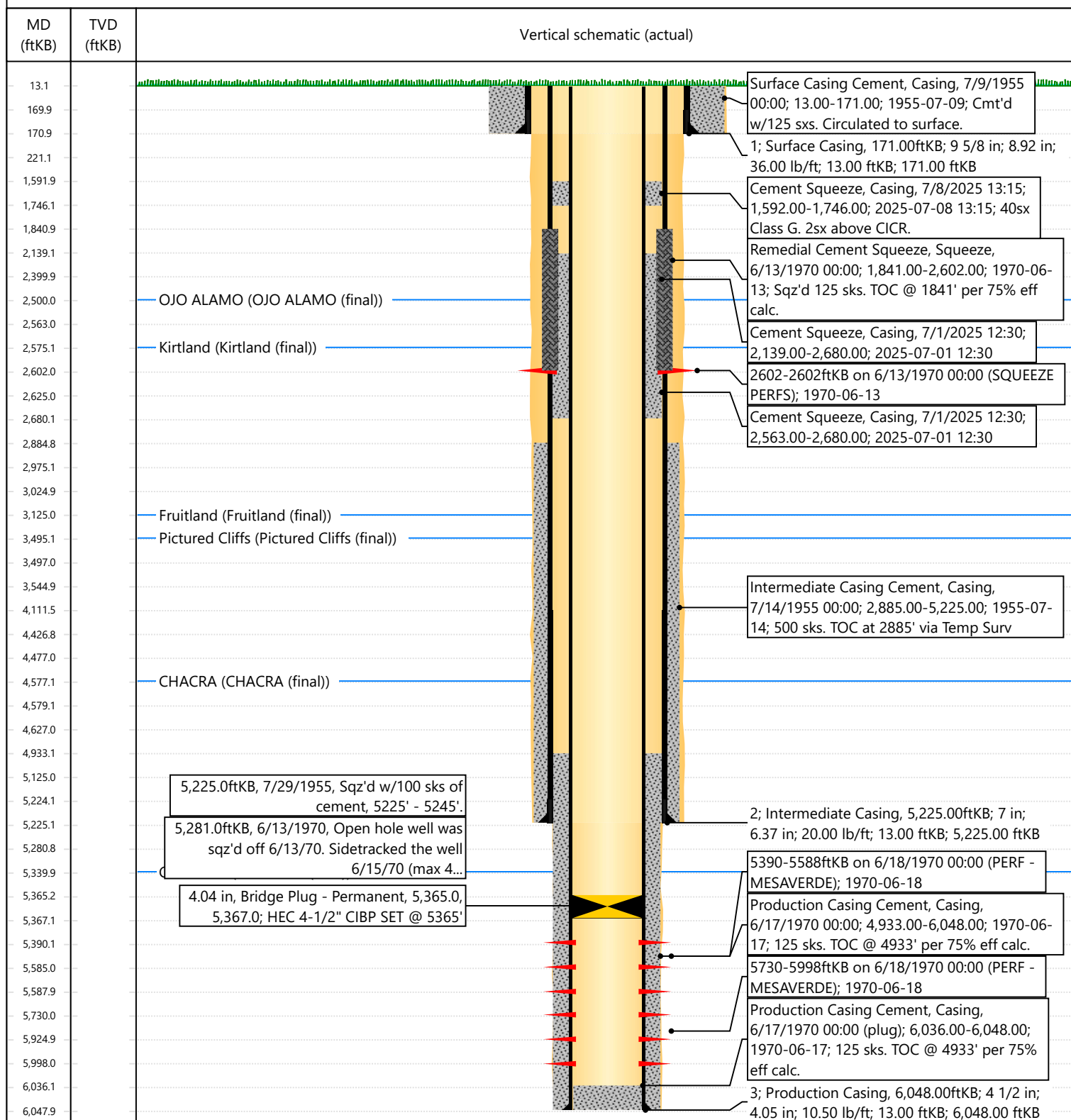


## Current Schematic - Version 3

Well Name: SAN JUAN 31-6 UNIT #6

API / UWI 3003907914	Surface Legal Location 001-030N-007W-L	Field Name MV	Route 1103	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,568.00	Original KB/RT Elevation (ft) 6,581.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
<b>Tubing Strings</b>					
Run Date 11/23/2024 14:45	Set Depth (ftKB) 5,919.30	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 9/7/1955 00:00

## Original Hole, SAN JUAN 31-6 UNIT #6 [Vertical]



**Sent on:** Wednesday, July 16, 2025 4:33:56 PM

**To:** [Rennick, Kenneth G](#); [Bruce Darlington](#); [Fordyce, Andrew, EMNRD](#); [Mandi Walker](#)

**CC:** [Vermersch, Thomas, EMNRD](#); [johnagarcia@enmrd.nm.gov](mailto:johnagarcia@enmrd.nm.gov); [Brian Bradshaw](#); [Amanda Atencio](#); [Joe Zimmerman](#); [Kade, Matthew H](#)

**Subject:** RE: [EXTERNAL] Request for casing squeeze approval, San Juan 31-6 Unit 6, API 3003907914

**Follow up:** Flag for follow up

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OCD agrees, please submit the subsequent report of work performed to OCD after BLM approves. In addition please submit a NOI to PA.

Thank you,  
John Garcia  
Petroleum Specialist Supervisor  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505



**From:** Rennick, Kenneth G <krennick@blm.gov>

**Sent:** Wednesday, July 16, 2025 3:14 PM

**To:** Bruce Darlington <Bruce.Darlington@hilcorp.com>; Fordyce, Andrew, EMNRD <Andrew.Fordyce@emnrd.nm.gov>; Mandi Walker <mwalker@hilcorp.com>

**Cc:** Vermersch, Thomas, EMNRD <Thomas.Vermersch@emnrd.nm.gov>; johnagarcia@enmrd.nm.gov; Garcia, John, EMNRD <JohnA.Garcia@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>; Joe Zimmerman <Joseph.Zimmerman@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>

**Subject:** Re: [EXTERNAL] Request for casing squeeze approval, San Juan 31-6 Unit 6, API 3003907914

The BLM finds moving off location appropriate. Please submit the plugging procedure as soon as possible.

Please still submit a subsequent report of work performed.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)

Mobile & Text: 505.497.0019

Released to Imaging: 7/30/2025 8:15:28 AM

**From:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>

*Received by OCD: 7/28/2025 11:22:47 AM*

*Page 13 of 21*

**Sent:** Wednesday, July 16, 2025 2:55 PM

**To:** Fordyce, Andrew, EMNRD <[Andrew.Fordyce@emnrd.nm.gov](mailto:Andrew.Fordyce@emnrd.nm.gov)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>

**Cc:** Vermersch, Thomas, EMNRD <[Thomas.Vermersch@emnrd.nm.gov](mailto:Thomas.Vermersch@emnrd.nm.gov)>; [johnagarcia@emnrd.nm.gov](mailto:johnagarcia@emnrd.nm.gov) <[johnagarcia@emnrd.nm.gov](mailto:johnagarcia@emnrd.nm.gov)>;

Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; [Johna.garcia@emnrd.nm.gov](mailto:Johna.garcia@emnrd.nm.gov) <[Johna.garcia@emnrd.nm.gov](mailto:Johna.garcia@emnrd.nm.gov)>; Brian Bradshaw

<[Brian.Bradshaw@hilcorp.com](mailto:Brian.Bradshaw@hilcorp.com)>; Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Joe Zimmerman

<[Joseph.Zimmerman@hilcorp.com](mailto:Joseph.Zimmerman@hilcorp.com)>

**Subject:** RE: [EXTERNAL] Request for casing squeeze approval, San Juan 31-6 Unit 6, API 3003907914

All,

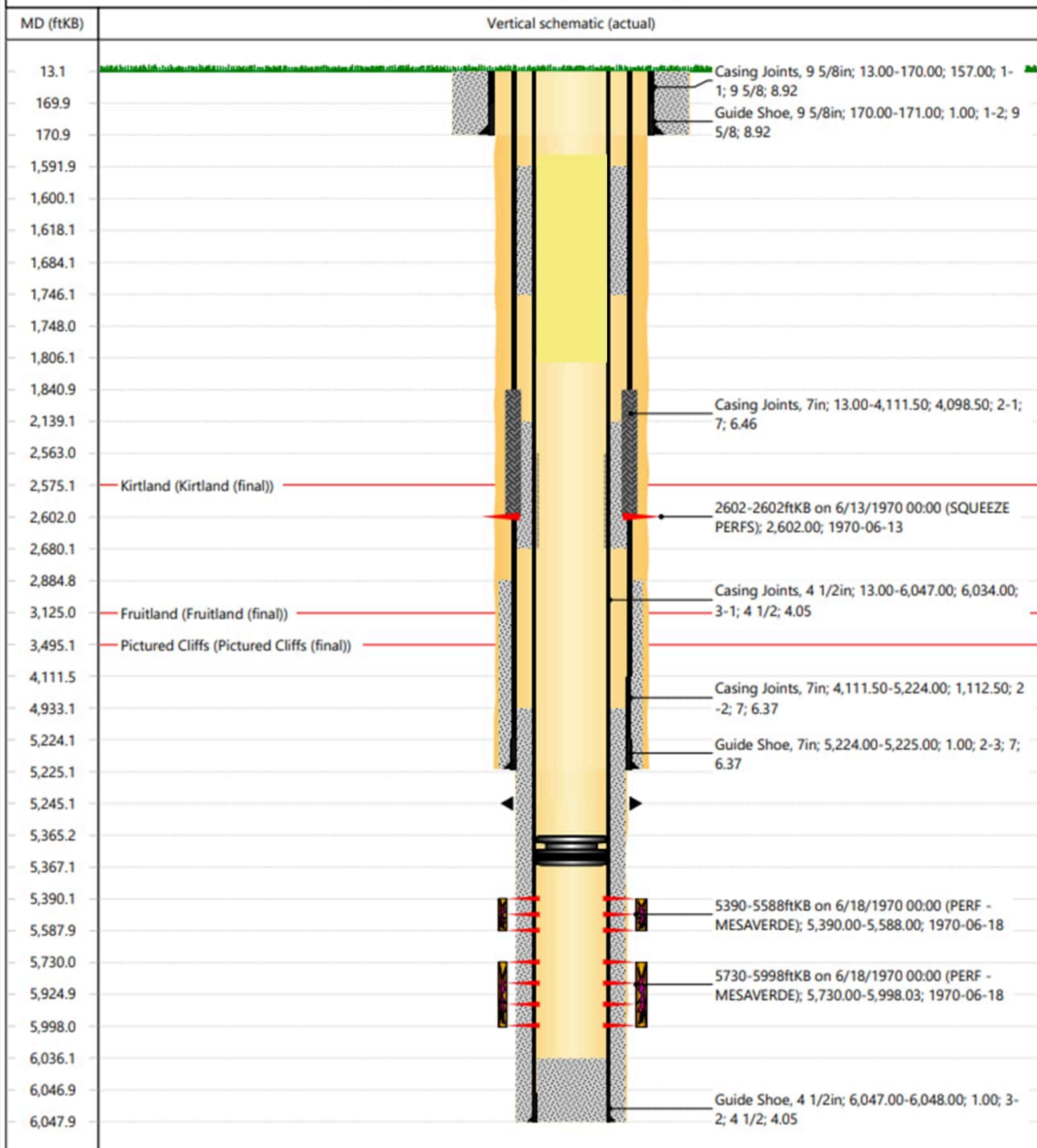
2 squeezes proposed across top & bottom leaks and 2 additional squeezes on the upper interval were unsuccessful. Hilcorp has decided to P&A this well. Permission requested to RDMO.

A procedure/NOI is being worked by our P&A team.

Well Name: SAN JUAN 31-6 UNIT #6

API / UWI 3003907914	Surface Legal Location 001-030N-007W-L	State/Province NEW MEXICO	District EAST	Area AREA 11	Route 1103
Ground Elevation (ft) 6,568.00	Casing Flange Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	Original Spud Date 9/7/1955 00:00	Rig Release Date 7/23/1955 00:00

## OH ST1, SAN JUAN 31-6 UNIT #6 [Vertical]





Bruce Darlington  
Sr Ops Engineer  
Mobile 713-203-2029  
[Bruce.Darlington@Hilcorp.com](mailto:Bruce.Darlington@Hilcorp.com)

---

**From:** Fordyce, Andrew, EMNRD <[Andrew.Fordyce@emnrd.nm.gov](mailto:Andrew.Fordyce@emnrd.nm.gov)>  
**Sent:** Tuesday, July 1, 2025 1:47 PM  
**To:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>  
**Cc:** Vermersch, Thomas, EMNRD <[Thomas.Vermersch@emnrd.nm.gov](mailto:Thomas.Vermersch@emnrd.nm.gov)>; [johnagarcia@emnrd.nm.gov](mailto:johnagarcia@emnrd.nm.gov)  
**Subject:** RE: [EXTERNAL] Request for casing squeeze approval, San Juan 31-6 Unit 6, API 3003907914

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Bruce,

As per our conversation, you have verbal approval from NMOCD to proceed with the cement squeeze(s) to repair casing. Please have this information submitted on a C-103G (Workover NOI) for approval. The subsequent reports of work and eventual MIT chart can then be submitted on a C-103R at a later date.

Regards,

Andy Fordyce  
Petroleum Specialist III  
Oil Conservation Division



---

**From:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>  
**Sent:** Tuesday, July 1, 2025 11:51 AM  
**To:** Fordyce, Andrew, EMNRD <[Andrew.Fordyce@emnrd.nm.gov](mailto:Andrew.Fordyce@emnrd.nm.gov)>  
**Subject:** FW: [EXTERNAL] Request for casing squeeze approval, San Juan 31-6 Unit 6, API 3003907914

You don't often get email from [bruce.darlington@hilcorp.com](mailto:bruce.darlington@hilcorp.com). [Learn why this is important](#)  
Andy, Juan says I misspelled your name – apologies.

---

**From:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>  
**Sent:** Tuesday, July 1, 2025 10:49 AM  
**To:** [thomas.vermersch@emnrd.nm.gov](mailto:thomas.vermersch@emnrd.nm.gov); [andrew.fordyce@emnrd.nm.gov](mailto:andrew.fordyce@emnrd.nm.gov); Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>; [rooster.foster@emnrd.nm.gov](mailto:rooster.foster@emnrd.nm.gov); [samanthajmcfall@emnrd.nm.gov](mailto:samanthajmcfall@emnrd.nm.gov); Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Cc:** Joe Zimmerman <[Joseph.Zimmerman@hilcorp.com](mailto:Joseph.Zimmerman@hilcorp.com)>; Brian Bradshaw <[Brian.Bradshaw@hilcorp.com](mailto:Brian.Bradshaw@hilcorp.com)>; Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>; Demesio Gomez - (C) <[Demesio.Gomez@hilcorp.com](mailto:Demesio.Gomez@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Subject:** RE: [EXTERNAL] Request for casing squeeze approval, San Juan 31-6 Unit 6, API 3003907914

Andy & Thomas – Good morning & apologies for the error on email spelling and including you, Andy, at Thomas' direction. Please note the attached BLM reply email below and that Hilcorp will not proceed until NMOCD reviews.



Thanks,

Bruce Darlington  
Sr Ops Engineer  
Mobile 713-203-2029  
[Bruce.Darlington@Hilcorp.com](mailto:Bruce.Darlington@Hilcorp.com)

---

**From:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Sent:** Monday, June 30, 2025 6:09 PM  
**To:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>; [rooster.foster@emnrd.nm.gov](mailto:rooster.foster@emnrd.nm.gov); [samanthaJMcfall@emnrd.nm.gov](mailto:samanthaJMcfall@emnrd.nm.gov); [thomasvermersch@emnrd.nm.gov](mailto:thomasvermersch@emnrd.nm.gov)  
**Cc:** Joe Zimmerman <[Joseph.Zimmerman@hilcorp.com](mailto:Joseph.Zimmerman@hilcorp.com)>; Brian Bradshaw <[Brian.Bradshaw@hilcorp.com](mailto:Brian.Bradshaw@hilcorp.com)>; Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>; Demesio Gomez - (C) <[Demesio.Gomez@hilcorp.com](mailto:Demesio.Gomez@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Subject:** Re: [EXTERNAL] Request for casing squeeze approval, San Juan 31-6 Unit 6, API 3003907914

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The BLM finds the procedure appropriate. No notice of intent is required unless requested by NM OCD. Please include this email conversation with the subsequent report of work performed.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

**From:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>  
**Sent:** Monday, June 30, 2025 5:04 PM  
**To:** Durham, John, EMNRD <[john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)>; [rooster.foster@emnrd.nm.gov](mailto:rooster.foster@emnrd.nm.gov) <[rooster.foster@emnrd.nm.gov](mailto:rooster.foster@emnrd.nm.gov)>; [samanthaJMcfall@emnrd.nm.gov](mailto:samanthaJMcfall@emnrd.nm.gov) <[samanthajmcfall@emnrd.nm.gov](mailto:samanthajmcfall@emnrd.nm.gov)>; [thomasvermersch@emnrd.nm.gov](mailto:thomasvermersch@emnrd.nm.gov) <[thomasvermersch@emnrd.nm.gov](mailto:thomasvermersch@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Cc:** Joe Zimmerman <[Joseph.Zimmerman@hilcorp.com](mailto:Joseph.Zimmerman@hilcorp.com)>; Brian Bradshaw <[Brian.Bradshaw@hilcorp.com](mailto:Brian.Bradshaw@hilcorp.com)>; Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>; Demesio Gomez - (C) <[Demesio.Gomez@hilcorp.com](mailto:Demesio.Gomez@hilcorp.com)>  
**Subject:** [EXTERNAL] Request for casing squeeze approval, San Juan 31-6 Unit 6, API 3003907914

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Released to Imaging: 7/30/2025 8:15:28 AM

All,

While performing a routine intervention to improve production on the subject well, 2 casing leaks have been identified today between 1,715'–1,746' (31') & 2,628'–2,680' (52') by using a tandem packer/retrievable bridge. Mesaverde perfs have been isolated with a CIBP set at 5,365'.

Approval is requested to squeeze as follows:

1. Set retainer at 2,590' & squeeze 62 sx Class G (1.15 cf/sx, 15.8 ppg) for calc TOC at 2,140'
2. Set retainer at 1,655' & squeeze 37 sx Class G (1.15 cf/sx, 15.8 ppg) for Calc TOC at 1,500'
3. Drill out retainers & witness MIT
4. Drill out CIBP above Mesaverde & install tubing

Proposed Squeeze Diagram



## Schematic - Current

Well Name: SAN JUAN 31-6 UNIT #6

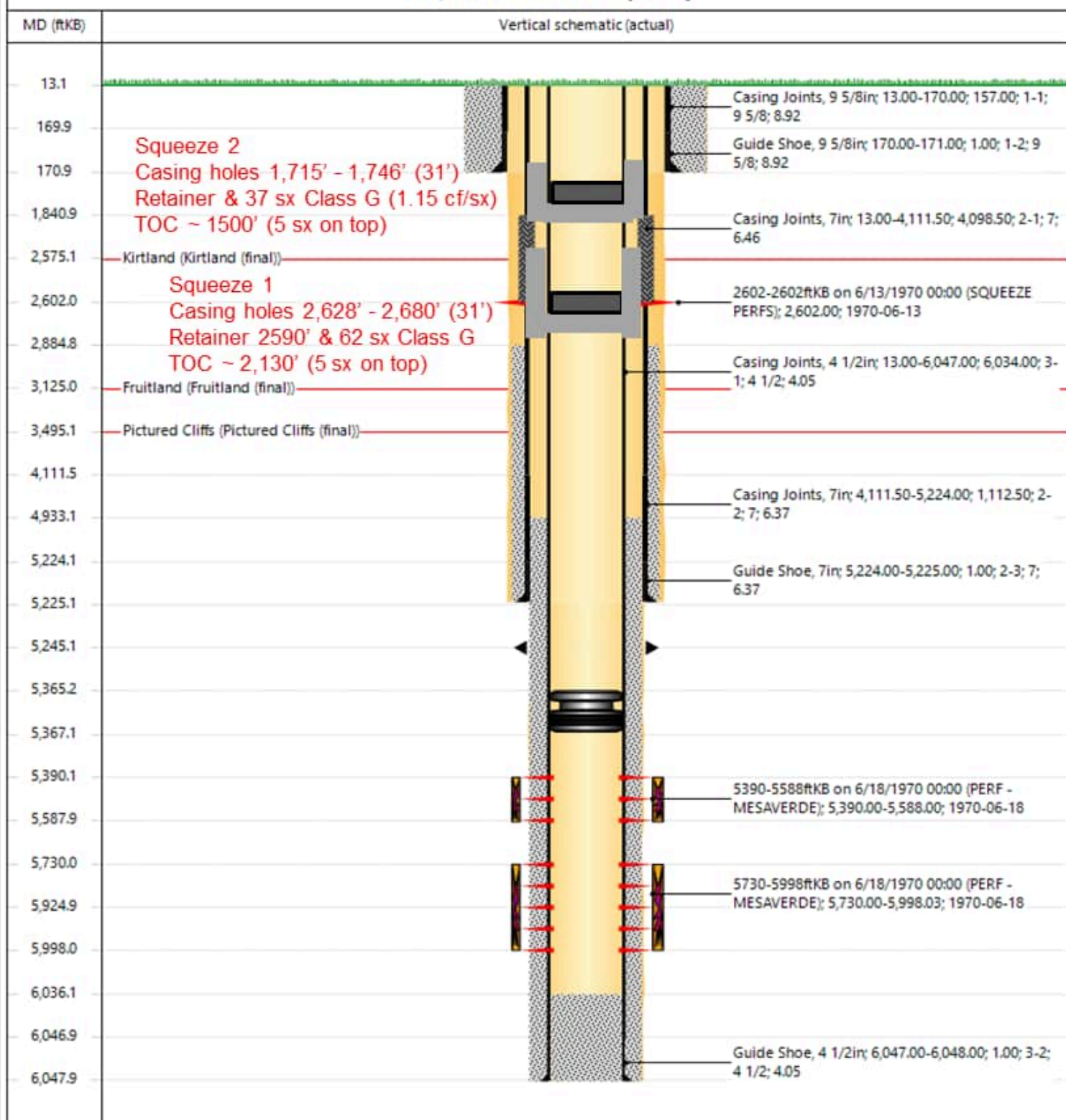
API / UWI 3003907914	Surface Legal Location 001-030N-007W-L	Field Name MV	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB RT Elevation (ft) 6,581.00	RKB to GL (ft) 13.00	Original Spud Date 9/7/1955 00:00	Rig Release Date 7/23/1955 00:00	PSTD (Alt)	Total Depth Alt (TVD)

## Most Recent Job

Job Category Expense Workover	Primary Job Type OTHER	Secondary Job Type	Actual Start Date 6/24/2025	End Date
----------------------------------	---------------------------	--------------------	--------------------------------	----------

TD: 6,048.0

OH ST1, SAN JUAN 31-6 UNIT #6 [Vertical]



WellViewAdmin@hilcorp.com

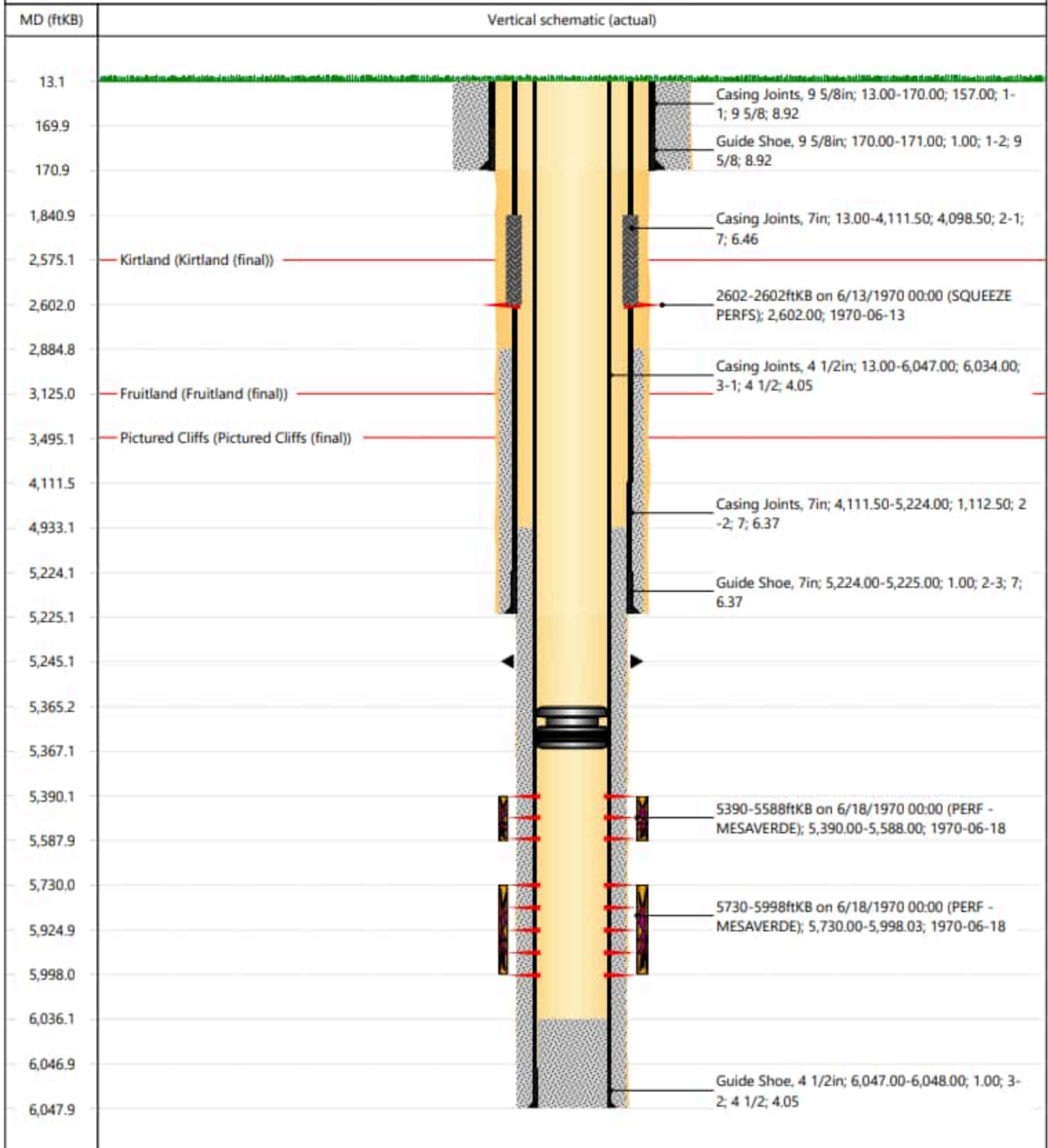
Page 1/1

Report Printed: 6/27/2025

Well Name: SAN JUAN 31-6 UNIT #6

API / UWI 3003907914	Surface Legal Location 001-030N-007W-L	State/Province NEW MEXICO	District EAST	Area AREA 11	Route 1103
Ground Elevation (ft) 6,568.00	Casing Flange Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	Original Spud Date 9/7/1955 00:00	Rig Release Date 7/23/1955 00:00

OH ST1, SAN JUAN 31-6 UNIT #6 [Vertical]



Thank you,

Bruce Darlington  
Sr Ops Engineer  
Mobile 713-203-2029  
[Bruce.Darlington@Hilcorp.com](mailto:Bruce.Darlington@Hilcorp.com)

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While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 489003

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 489003
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	7/30/2025