

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	

Notice of Intent

Sundry ID: 2861319

Type of Submission: Notice of Intent Type of Action: Casing

Date Sundry Submitted: 07/02/2025 Time Sundry Submitted: 12:11

Date proposed operation will begin: 07/02/2025

Procedure Description: Hilcorp Energy Company requests to repair the hole in casing identified on June 30, 2025. Please see the attached procedure, proposed and current wellbore diagram.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

San_Juan_31_6_Unit_6_csg_repair_BGD_20250702121134.pdf

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US Well Number: 3003907914	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: AMANDA WALKER	Signed on: JUL 02, 2025 12:11 PM
Name: HILCORP ENERGY COMPANY	
Title: Operations/Regulatory Technician	
Street Address: 1111 TRAVIS ST	
City: HOUSTON	State: 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: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Approved	Disposition Date: 07/02/2025
Signature: Kenneth Rennick	

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
SUNDRY NOTICES AND REPORTS ON WELLS <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

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Subsequent Report	<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"/> Final Abandonment Notice	<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)

**HILCORP ENERGY COMPANY**

San Juan 31-6 Unit 6

Casing Repair

API: 30-039-07914

JOB PROCEDURES

- ☒ NMOCD **Contact OCD 24 hrs prior to MIRU. Record and document all casing pressures daily, including BH, IC (if present) and**
☒ BLM **PC. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.**

Two casing leaks have been identified 6/30/2025 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 was requested and granted by Kenny Rennick w/BLM, Andy Fordyce & John Durham w/OCD on 7/1/2025 to squeeze (with a requested NOI) as follows:

1. Retainer at 2,590' & sqz 62 sx Class G (1.15 cf/sx, 15.8 ppg) calc TOC 2,140'
2. Retainer at 1,655' & sqz 37 sx Class G (1.15 cf/sx, 15.8 ppg) calc TOC 1,500
3. Drill out retainers & witness MIT
4. Drill out CIBP above Mesaverde & install tubing with EOT at 5,917'

1.



HILCORP ENERGY COMPANY
San Juan 31-6 Unit 6
Casing Repair

#REF!



Schematic - Current

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

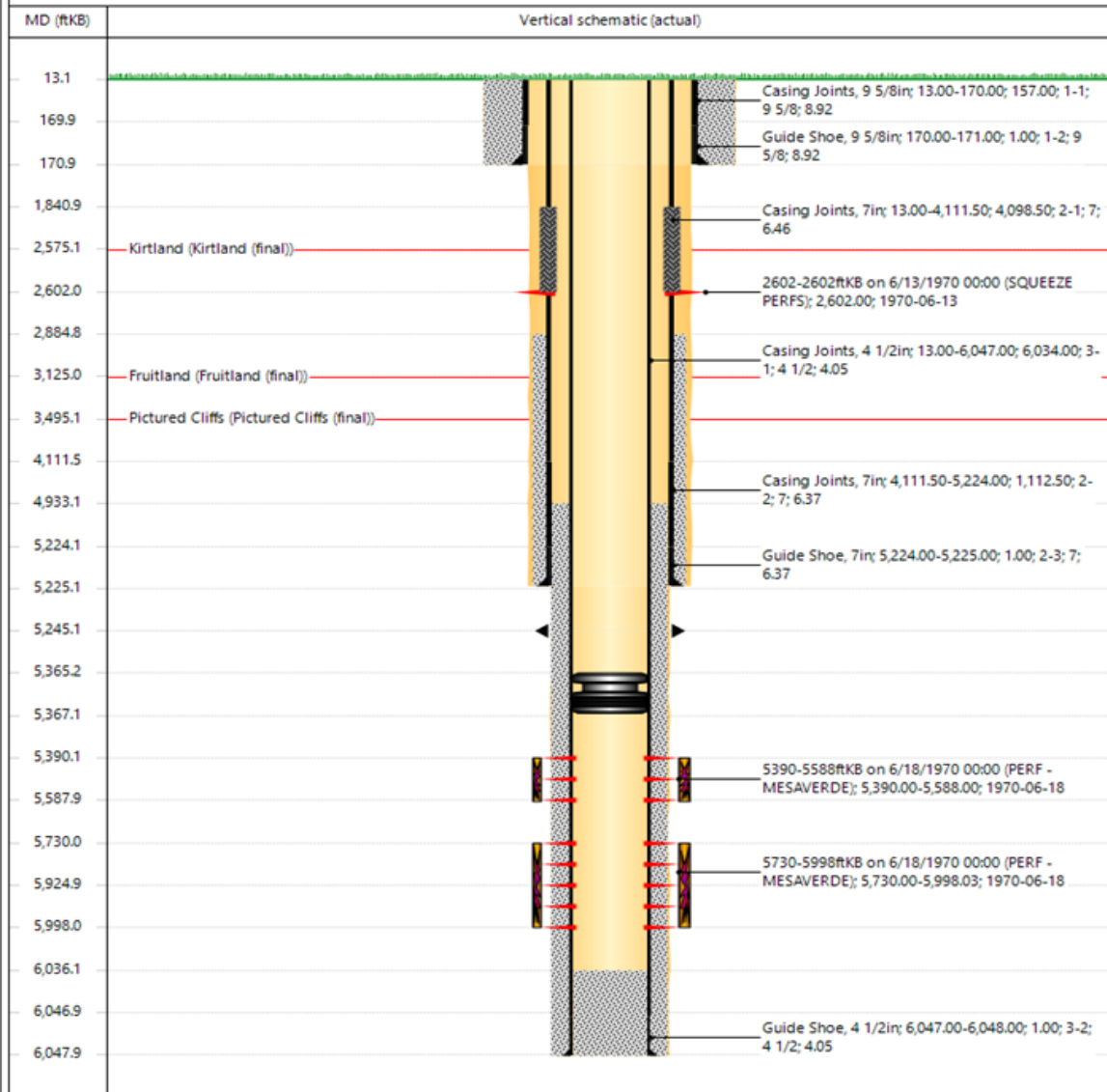
API / UWI 3003907914	Surface Legal Location 001-030N-007W-L	Field Name MV	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB/RT Elevation (ft) 8,581.00	RTKB to GL (ft) 13.00	Original Spud Date 9/7/1955 00:00	Rig Release Date 7/23/1955 00:00	PSTD (All)	Total Depth All (TVD)

Most Recent Job

Job Category Expense/Workover	Primary Job Type OTHER	Secondary Job Type	Actual Start Date 6/24/2025	End Date
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TD: 6,048.0

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



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Report Printed: 6/27/2025



HILCORP ENERGY COMPANY
San Juan 31-6 Unit 6
Casing Repair



Proposed

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

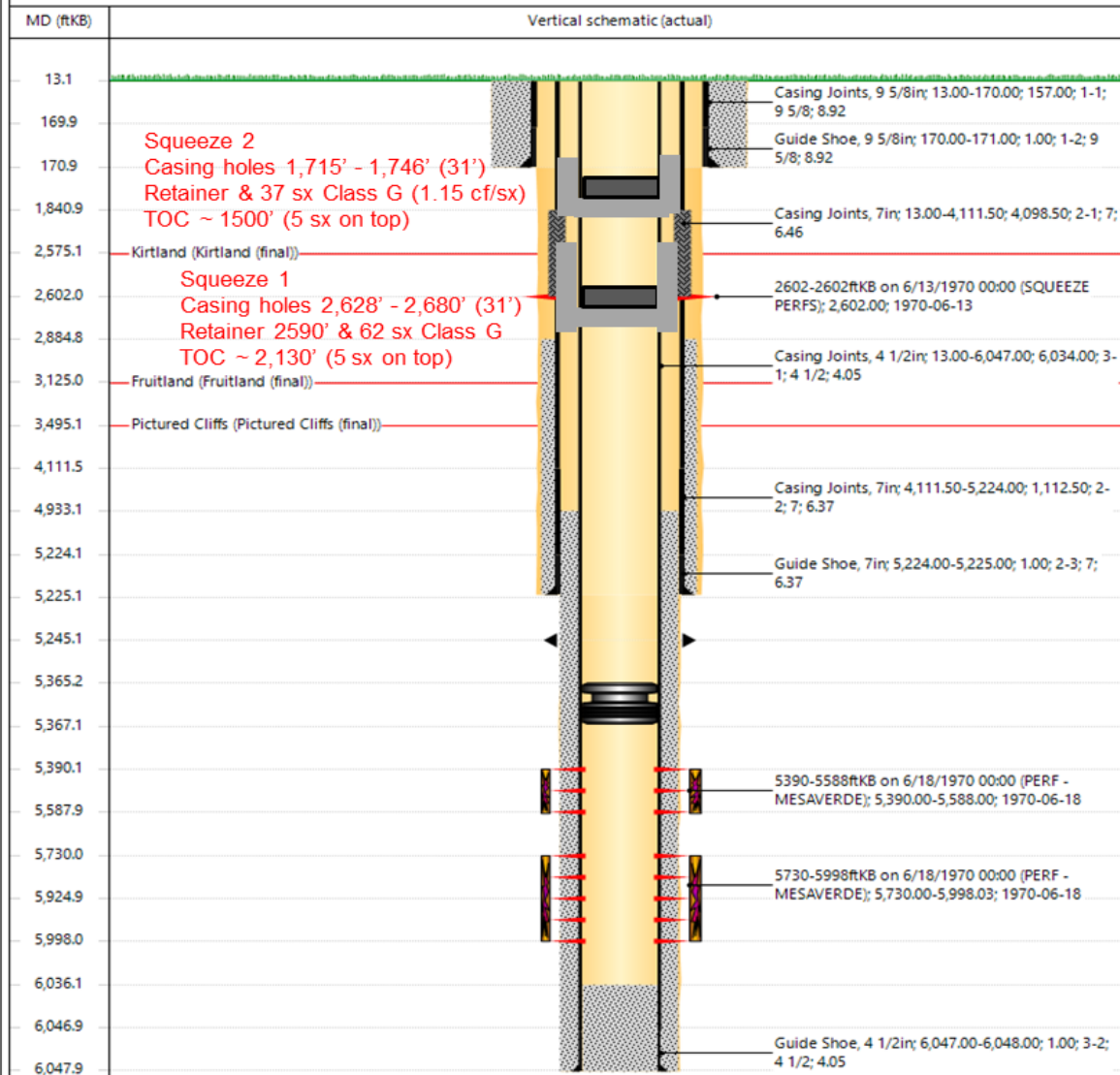
API / UWI 3003907914	Surface Legal Location 001-030N-007W-L	Field Name MV	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KSRRT Elevation (ft) 6,581.00	RKB to GL (ft) 13.00	Original Spud Date 9/7/1955 00:00	Rig Release Date 7/23/1955 00:00	PSTD (All)	Total Depth All (TVD)

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]



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Report Printed: 6/27/2025



HILCORP ENERGY COMPANY
San Juan 31-6 Unit 6
Casing Repair

#REF!

**Pertinent Data Sheet****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)

Well Header

Original Spud Date 9/7/1955	Latitude (") 36.838791	Longitude (") -107.527100
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Well Notes

Start Date 7/29/1955	Annotation Sqz'd w/100 sks of cement, 5225' - 5245'.	Depth (ftKB) 5,225.0
Start Date 6/13/1970	Annotation Open hole well was sqz'd off 6/13/70. Sidetracked the well 6/15/70 (max 4-1/2 degrees)	Depth (ftKB) 5,281.0

Wellbore Sections

Section Des	Size (in)	Top Depth (ftKB)	Top Depth (TVD) (ftKB)	Btm Depth (ftKB)	Btm Depth (TVD) (ftKB)
PROD2	6 1/4	5,245.0		6,048.0	
SURFAC	13 3/4	13.0		171.0	
INTRM1	8 3/4	171.0		5,225.0	
PROD1	6 1/4	5,225.0		5,925.0	

Formations

Formation Name	Final Top MD (ftKB)
Point Lookout	5725
CliffHouse	5340
Kirtland	2575
Fruitland	3125
Pictured Cliffs	3495
Menefee	5475

Casing Strings

Casing Description	Run Date			Set Depth (ftKB)		Comment				
Surface Casing	7/9/1955			171.00						
Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Jts	Section Length (ft)	Top Thread	Btm Thread	Top (ftKB)	Btm (ftKB)
Casing Joints	9 5/8	8.92	36.00	K-55	4	157.00			13.00	170.00
Guide Shoe	9 5/8	8.92			1	1.00			170.00	171.00
Casing Description	Run Date			Set Depth (ftKB)		Comment				
Intermediate Casing	7/25/1955			5,225.00						
Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Jts	Section Length (ft)	Top Thread	Btm Thread	Top (ftKB)	Btm (ftKB)
Casing Joints	7	6.46	20.00	J-55	126	4,098.50			13.00	4,111.50
Casing Joints	7	6.37	23.00	J-55	36	1,112.50			4,111.50	5,224.00
Guide Shoe	7	6.37			1	1.00			5,224.00	5,225.00
Casing Description	Run Date			Set Depth (ftKB)		Comment				
Production Casing	6/17/1970			6,048.00						
Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Jts	Section Length (ft)	Top Thread	Btm Thread	Top (ftKB)	Btm (ftKB)
Casing Joints	4 1/2	4.05	10.50	K-55	185	6,034.00			13.00	6,047.00
Guide Shoe	4 1/2	4.05			1	1.00			6,047.00	6,048.00

Cement

Des	Start Date	End Date	Com
Surface Casing Cement	7/9/1955	7/9/1955	
Intermediate Casing Cement	7/14/1955	7/14/1955	Cmt'd w/500 sks. TOC determined by Temp Survey (per drilling report / no logs on file).
Cement Squeeze	6/13/1970	6/13/1970	Sqz'd open hole w/150 sks of cement. TOC @ 5281' per 75% efficiency calc.
Remedial Cement Squeeze	6/13/1970	6/13/1970	Sqz'd w/125 sks. TOC @ 1841' per 75% efficiency calc.
Production Casing Cement	6/17/1970	6/17/1970	Cmt'd w/125 sks. TOC @ 4933' per 75% efficiency calc.

Tubing - Production set at 5,919.30ftKB on 11/23/2024 14:45

Tubing Description Tubing - Production	Run Date 11/23/2024	Set Depth (ftKB) 5,919.30	Comment						
Item Des	OD Nominal (in)	Nominal ID (in)	WT (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Top Thread	Btm Thread
Tubing Hanger	7 1/16	2.00			1	1.00	13.00		
Tubing	2 3/8	2.00	4.70	J-55	1	31.58	14.00		
Tubing Pup Joint	2 3/8	2.00	4.70	J-55	2	16.30	45.58		
Tubing	2 3/8	2.00	4.70	J-55	186	5,855.60	61.88		
Pump Seating Nipple	2 3/8	1.78			1	1.10	5,917.48		
Expendable Check	2 3/8	2.00			1	0.72	5,918.58		

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Report Printed: 6/19/2025



HILCORP ENERGY COMPANY
San Juan 31-6 Unit 6
Casing Repair

#REF!

**Pertinent Data Sheet****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)

Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Linked Zone	Com	Shot Dens (shot s/ft)	Enter ed Shot Total
6/13/1970	SQUEEZE PERFS	2602	2602	BLANCO::MESAVERDE, Original Hole, SAN JUAN 31-6 UNIT #6			
6/18/1970	PERF - MESAVERDE	5390	5588	BLANCO::MESAVERDE, Original Hole, SAN JUAN 31-6 UNIT #6	Perf'd 5390 - 98', 5434 - 42', 5498 - 5506', 5580 - 88' w/16 SPZ.		
6/18/1970	PERF - MESAVERDE	5730	5998	BLANCO::MESAVERDE, Original Hole, SAN JUAN 31-6 UNIT #6	Perf'd 5730 - 38', 5754 - 70', 5792 - 5808', 5846 - 54', 5874 - 82', 5930 - 38', 5990 - 98' w/16 SPZ.		

Stim/Frac Stage

Start Date 8/2/1955	Type Sand Frac	Comment Treated 5585' to 5925' w/15,800 gal and 14,000# sand.
Start Date 6/18/1970	Type Hydraulic Fracture	Comment Frac'd w/50,000# 20/40 sand, 50,064 gal. water.
Start Date 6/18/1970	Type Hydraulic Fracture	Comment Frac'd w/80,000# 20/40 sand, 63,882 gal. water.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 481348

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 481348
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	MIT required after well work.	7/3/2025