

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> Revised July 9, 2024  Submit Electronically Via OCD Permitting
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### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

#### Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: San Juan 31-6 Unit 35	Property Code: 318839
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-22109
Pool Name: Blanco Mesaverde (Prorated Gas)	Pool Code: 72319

#### Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	35	31N	06W		880' N	1185' E	36.8609619	-107.4272232	RIO ARRIBA

#### Section 3 – Completion Information

Producing Method Flowing	Ready Date 5/7/2025	Perforations MD 5218' – 6044'	Perforations TVD 5218' – 6044'
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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): 455828	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: PRIOR TO SYSTEM	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: PRIOR TO SYSTEM	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: PRIOR TO SYSTEM	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. 5375
Production Casing Action ID: PRIOR TO SYSTEM	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: PRIOR TO SYSTEM	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Y	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 	
Title: Operations Regulatory Tech Sr.	Date 5/14/2025

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
**NMSF078999**

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
**Hilcorp Energy Company**

8. Lease Name and Well No.  
**San Juan 31-6 Unit 35**

3. Address  
**382 Road 3100, Aztec, NM 87410**

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

9. API Well No.  
**30-039-22109**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface  
**880' FNL & 1185' FEL**  
 At top prod. Interval reported below  
 At total depth

10. Field and Pool or Exploratory  
**Blanco Mesaverde (Prorated Gas)**

11. Sec., T., R., M., on Block and Survey or Area  
**Sec. 35, T31N, R06W**

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

14. Date Spudded  
**10/25/1979**

15. Date T.D. Reached  
**11/6/1979**

16. Date Completed **5/7/2025**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6478' GL**

18. Total Depth:  
**8080'**

19. Plug Back T.D.:  
**8023'**

20. Depth Bridge Plug Set: MD  
 TVD

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

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8", K-55	36#		362'		185 sx			
8 3/4"	7", K-55	20#		3880'		160 sx			
6 1/4"	4 1/2", K-55	11.6#		8080'		345 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"	6899'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse	5218'	5481'	1 SPF	0.35"	24	Open
B) Menefee	5499'	5728'	1 SPF	0.35"	24	Open
C) Point Lookout	5749'	6044'	1 SPF	0.35"	25	Open
D)						

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
1 SPF	0.35"	24	Open
1 SPF	0.35"	24	Open
1 SPF	0.35"	25	Open

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

Depth Interval	Amount and Type of Material
Cliffhouse (5218' - 5481')	FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 652 BBLs SLICKWATER: 640 BBLs TOTAL ACID: 12 BBLs TOTAL 100 MESH SAND: 30,298 LBS TOTAL 30/50 AZ; 70,737 LBS TOTAL N2: 981,000 SCF
Menefee (5499' - 5728')	FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 477 BBLs SLICKWATER: 465 BBLs TOTAL ACID: 12 BBLs TOTAL 100 MESH SAND: 18,297 LBS TOTAL 30/50 RESIN 32,332 LBS TOTAL N2: 618,00 SCF
Point Lookout (5749' - 6044')	FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 674 BBLs SLICKWATER: 662 BBLs TOTAL ACID: 100 MESH SAND: 47,275# 30/50 SAND, 52,400 N2: 919,000 SCF

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/7/2025	5/7/2025	4	➔	0	89	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
14/64"	0 psi	635 psi	➔	0	534	0			Producing

28a. Production - Interval B

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

**SOLD**

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	2530'	2754'	White, cr-gr ss	Ojo Alamo	2530'
Kirtland	2754'	3232'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2754'
Fruitland	3232'	3553'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3232'
Pictured Cliffs	3553'	3885'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3553'
Lewis	3885'	4640'	Shale w/ siltstone stingers	Lewis	3885'
Chacra	4640'	5161'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4640'
Cliffhouse	5161'	5493'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5161'
Menefee	5493'	5743'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5493'
Point Lookout	5743'	6214'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5743'
Mancos	6214'	7041'	Dark gry carb sh.	Mancos	6214'
Gallup	7041'	7757'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7041'
Greenhorn	7757'	7809'	Highly calc gry sh w/ thin lmst.	Greenhorn	7757'
Graneros	7809'	7933'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7809'
Dakota	7933'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7933'
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss	Morrison	

32. Additional remarks (include plugging procedure):

**This well is producing as a MV/DK commingle under DHC 5375  
The MV will report to Lease # NMNM 078421A**

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) Amanda Walker Title Operations/Regulatory Technician - Sr.  
 Signature  Date 5/14/2025

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.



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**[EXTERNAL] Well Name: SAN JUAN 31-6 UNIT, Well Number: 35, Notification of Well Completion Acceptance**

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

**Date** Wed 5/14/2025 6:13 PM

**To** Mandi Walker <MWALKER@HILCORP.COM>

**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 31-6 UNIT**
- Well Number: **35**
- US Well Number: **3003922109**
- Well Completion Report Id: **WCR2025051495497**

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

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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

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

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

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

## SPECIFIC INSTRUCTIONS

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

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

## NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

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

## Additional Information

### Location of Well

0. SHL: NENE / 880 FNL / 1185 FEL / TWSP: 31N / RANGE: 6W / SECTION: 35 / LAT: 36.861084 / LONG: -107.426575 ( TVD: 0 feet, MD: 0 feet )

BHL: NENE / 880 FNL / 1185 FEL / TWSP: 31N / SECTION: / LAT: 36.861084 / LONG: 107.426575 ( TVD: 0 feet, MD: 0 feet )



## Well Operations Summary L48

**Well Name: SAN JUAN 31-6 UNIT #35**

API: 3003922109	Field: DK	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: RIGLESS 1

**Jobs**

**Actual Start Date:** 4/17/2025      **End Date:** 5/8/2025

Report Number	Report Start Date	Report End Date
1	4/17/2025	4/17/2025

Operation

CREW TRVL T/SAN JUAN 30-5 UNIT #78N.  
 PJSM W/AOL F/R/D & RIG MOVE.  
 R/D RIG.  
 LOAD OUT TRUCKS & MOB RIG & EQUIP T/SAN JUAN 31-6 UNIT #35 (7 MILE MOVE).  
 MIRU RIG & EQUIP.  
 PJSM. SICP-80, SITP-80, SIICP-0, SIBHP-0. BDW 5 MINUTES.  
 N/D WH & TREE (LOCKDOWN PINS CORRODED & TIGHT).  
 UNLAND TBG & L/D HANGER. TOH & L/D 173 JNTS OF 2-3/8", 4.7#, J-55 PROD TBG F/2276'. JNT #173 PARTED ABOVE THE BTM UPSET. PRETTY CLEAN PART. TBG COATED W/WHITE CHALKY SUBSTANCE.  
 WAIT ON TBG T/BE DELIVERED. SPOT IN TBG TRAILER.  
 M/U 3-3/4" FULL OPEN OVERSHOT W/3-1/16" GRAPPLE. TALLY & TIH ON 2-3/8" 4.7# TBG F/TRAILER. TAG TOF @ 2414'. NOTE: 138' SEP F/RECOVERED TBG T/TOF.  
 LATCH ONTO TOF. TBG PARTED W/5K OVER STRING WT (42K).  
 TOH W/2-3/8" TBG T/DERRICK. L/D 3-3/4" OS. L/D FISH = 7 JNTS 2-3/8" PROD TBG (216'). RECOVERED A TOTAL OF 2481.71' OF TBG. 5463' OF FISH LEFT IN HOLE.  
 SWI. WINTERIZE EQUIP. SECURE LOC. SDFN.  
 CREW TRVL T/YARD.

Report Number	Report Start Date	Report End Date
2	4/18/2025	4/18/2025

Operation

CREW TRVL T/LOC.  
 PJSM. SICP-85, SITP-0, SIICP-0, SIBHP-0. BDW 5 MIN.  
 RUN #2, TIH W/SAME 3-3/4" OS & 3-1/16" GRAPPLE ON 2-3/8" TBG F/DERRICK & 7 JNTS F/TRAILER. TAG TOF @ 2630'.  
 LATCH ONTO FISH. WORK TBG, INCREASING OVERPULL IN INCREMENTS. FISH PARTED W/6K OVER (43K). EXTRA 4K WT ON FISHING STRING.  
 TOH W/TBG T/DERRICK. RELEASE OS F/FISH. L/D FISH (2-3/8" TBG) = 23 JNTS, RECOVERED 701', JNT #23 PARTED ON TOP OF BOTTOM UPSET.  
 RUN #3, TIH W/SAME OS & GRAPPLE ON 2-3/8" TBG F/DERRICK & EXTRA JNTS F/TRAILER. TAG TOF @ 3330'.  
 LATCH ONTO FISH. WORK TBG, INCREASING OVERPULL IN INCREMENTS. FISH PARTED W/9K OP (46K). EXTRA 3K WT ON FISHING STRING.  
 TOH W/TBG T/DERRICK. RELEASE OS F/FISH. L/D FISH (2-3/8" TBG) = 25 JNTS, RECOVERED 772', JNT PARTED ABOVE BOTTOM UPSET. RECOVERED TBG CORKSCREWED.  
 RUN #4, TIH W/SAME OS & GRAPPLE ON 2-3/8" TBG F/DERRICK & EXTRA JNTS F/TRAILER. TAG TOF @ 4101'.  
 LATCH ONTO FISH. WORK TBG, INCREASING OVERPULL IN INCREMENTS. FISH PARTED W/5K OP (42K). TBG FLOWING (GREY FLUID), KILL TBG W/8 BLS FW.  
 TOH W/OS & L/D FISH = 86 JNTS (2662'). NOTE: RECOVERED A TOTAL OF 6616'. 1316' OF FISH REMAIN IN HOLE. NEW TOF @ 6763'.  
 SWI. WINTERIZE EQUIP. SECURE LOC. SDFWE.  
 CREW TRVL T/YARD.

Report Number	Report Start Date	Report End Date
3	4/21/2025	4/21/2025

Operation

CREW TRVL T/LOC.  
 PJSM. SICP-120, SITP-0, SIICP-0, SIBHP-0. BDW 10 MIN.  
 RUN #5, TIH W/SAME 3-3/4" OS & 3-1/16" GRAPPLE ON 2-3/8" TBG F/DERRICK & 82 EXTRA JNTS F/TRAILER. TAG TOF @ 6762'.  
 LATCH ONTO FISH & P/U. FISH PARTED W/2K OP (39K).  
 TOH W/2-3/8" T BG T/DERRICK. BREAK OS & L/D FISH. RECOVERED  
 REDRESS 3-3/4" OS W/3-1/16" GRAPPLE. TIH ON 2-3/8" TBG F/DERRICK. TAG TOF @ 6761'.  
 R/U TBG SWIVEL. PUMP 15 BLS FW DN TBG. WORK OS DOWN OVER TOF. LATCH ONTO TOP COLLAR W/GRAPPLE.  
 TOH W/TBG T/DERRICK. BREAK OS. L/D FISH. RECOVERED 5 JNTS 2-3/8" TBG (155'). RECOVERED A TOTAL OF 6631'. 1161' LEFT IN HOLE. NEW TOF @ 6917'.  
 (RUN #7) TIH W/SAME OS & GRAPPLE T/3090'.  
 SWI. WINTERIZE EQUIP. SECURE LOC. SDFN.  
 CREW TRVL T/YARD.

Report Number	Report Start Date	Report End Date
4	4/22/2025	4/22/2025

Operation

CREW TRVL T/LOC.  
 PJSM. SICP-0, SITP-0, SIICP-0, SIBHP-0. BDW 0 MIN, NO PRESSURE.  
 FINISH TIH W/3-3/4" OS W/3-1/16" GRAPPLE. TAG TOF @ 6917'  
 WORK PIPE, ATTEMPT T/LATCH ONTO FISH, ABLE T/GAIN 10K OVER STRING WT THEN LOST WT T/FISHING STRING WT.  
 L/D 20 JNTS OF EXCESS TBG & TOH W/REMAINDER OF TBG T/DERRICK. L/D OS, NO FISH. MARKS IN OS INDICATE TOF BENT OVER AT HARD ANGLE.



## Well Operations Summary L48

**Well Name: SAN JUAN 31-6 UNIT #35**

**API: 3003922109**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: RIGLESS 1**

Operation

WAIT ON E-LINE T/ARRIVE. R/U E-LINE. RUN 3.75" GR T/6275', CLEAN RUN. R/D E-LINE.  
 WAIT ON TOOLHAND T/DELIVER 4-1/2" CIBP.  
 NOTE: **HOUSTON ASKED FOR & RECIEVE PERMISSION T/LEAVE FISH IN THE HOLE & SET CIBP AT BASE OF FRAC DEPTH.**  
 M/U 4-1/2" CIBP & TIH ON 2-3/8" TBG F/DERRICK.  
**SET CIBP @ 6264'**. DISPLACE HOLE W/87 BBLs TREATED FW & CIRC CLEAN. PRTS 4-1/2" PROD CSG F/6264' T/SURFACE T/560 PSI, GOOD TEST.  
 TOH & L/D 67 JNTS OF 2-3/8" TBG T/4125'.  
 SWI. WINTERIZE EQUIP. SECURE LOC. SDFN.  
 CREW TRVL T/YARD.

Report Number 5	Report Start Date 4/23/2025	Report End Date 4/23/2025
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Operation

CREW TRVL T/LOC.  
 PJSM. SICP-0, SITP-0, SIICP-0, SIBHP-0. BDW 0 MINUTES, NO PRESSURE.  
 FINISH TOH T/DERRICK W/2-3/8" 4/7# TBG F/4125'. L/D CIBP SETTING TOOL.  
 R/U E-LINE. PJSM W/AOL F/E-LINE. RUN CBL F/6250' T/SURFACE. R/D E-LINE.  
 WAIT ON TESTER 1.5 HRS. R/U TESTER. PRE TEST 4-1/2" PROD CSG T/560 PSI, OK. CONDUCT BRAIDENHEAD & INT CSG TESTS, & PERFORM MIT ON PROD CSG F/6264' (CIBP) T/SURFACE T/560 PSI F/30 MINUTES, CHART, & RECORD TEST. R/D TESTER.  
 NOTE: MONICA KUEHLING W/NMOCW WITNESSED TESTS VIA FACE TIME. GOOD TEST.  
 TIH W/EXCESS 2-3/8 4.7#, J-55 PROD TBG & L/D SAME.  
 SWI. WINTERIZE EQUIP. SECURE LOC. SDFN.  
 CREW TRVL T/YARD.

Report Number 6	Report Start Date 4/24/2025	Report End Date 4/24/2025
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Operation

CREW TRVL T/LOC.  
 PJSM W/AOL F/N/D & N/U TBG SPOOL & FRAC STACK. SICP-0, SITP-0, SIICP-0, SIBHP-0. BDW 0 MIN, NO PRESSURE.  
 R/D WORK FLOOR & TBG HANDLING EQUIP. N/D BOP. N/D 7" 3K x 11" 3K TBG HEAD SPOOL. STUB UP 4-1/2" CSG STUMP. N/U 7" 5K x 11" 3K TBG HEAD SPOOL. PRTS VOID T/2,500 PSI, OK.  
 N/U 10K FRAC STACK.  
 R/U TESTER. PRTS 4-1/2" CSG F/CIBP @ 6264' T/SURFACE & 10K FRAC STACK T/3,500 PSI F/30 MINUTES, CHART & RECORD. R/D TESTER.  
 R/D RIG & EQUIP & PREP T/MOVE OFF. FINAL RIG REPORT.

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

MOVE IN AND SPOT GORE N2 SERVICES AND BASIN WELL LOGGING.  
 R/U BASIN WELL LOGGING. RIH AND CORRELATE TO LOG RAN ON 4/24/25. **PERFORATE POINT LOOKOUT FROM (5,749' - 6,044') WITH 25 SHOTS, 1 SPF, 0.35" DIA.** 5,749-50', 5,761', 5,779', 5,785', 5,794', 5,799', 5,818', 5,825', 5,835-26', 5,852', 5,856', 5,869', 5,873', 5,900', 5,925-26', 5,941', 5,976-77', 5,989', 6,001', 6,063', 6,044'. ALL SHOTS FIRED.  
 PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 4500 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 4,500 PSI. GOOD TEST.  
 POINT LOOKOUT STIMULATION: (5,749' - 6,044') FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 674 BBLs SLICKWATER: 662 BBLs TOTAL ACID: 100 MESH SAND: 47,275# 30/50 SAND, 52,400 N2: 919,000 SCF AVERAGE RATE: 55.0 BPM MAX RATE: 61.0 BPM AVERAGE PRESSURE: 2,431 PSI MAX PRESSURE: 2,589 PSI MAX SAND CONC: 3.0 PPG DOWNHOLE. ISIP: 199 PSI  
**SET COMPOSITE BRIDGE PLUG (SELECT) AT 5,740'. PERFORATE MENEFFEE ZONE FROM (5,499' - 5,728') WITH 24 SHOTS, 1 SPF, 0.35" DIA** 5,499', 5,502', 5,518', 5,530', 5,533', 5,551-52', 5,560', 5,570', 5,581', 5,615', 55,24-25', 5,642', 5,647', 5,665-66', 5,678', 5,682', 5,701', 5,708', 5,714', 5,721', 5,728', ALL SHOTS FIRED. MENEFFEE STIMULATION: (5,499' - 5,728') FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 477 BBLs SLICKWATER: 465 BBLs TOTAL ACID: 12 BBLs TOTAL 100 MESH SAND: 18,297 LBS TOTAL 30/50 RESIN 32,332 LBS TOTAL N2: 618,00 SCF AVERAGE RATE: 60 BPM MAX RATE: 60.9 BPM AVERAGE PRESSURE: 2,728 PSI MAX PRESSURE: 2,940 PSI MAX SAND CONC: 3.0 PPG DOWNHOLE. ISIP: 515 PSI 5 MIN: 252 PSI  
**SET COMPOSITE BRIDGE PLUG (SELECT) AT 5,490'. PERFORATE CLIFFHOUSE ZONE FROM (5,218' - 5,481') 24 SHOTS, 1 SPF, 0.35" DIA** 5,118'-19', 5,135-36', 5,262', 5,283-84', 5,292', 5,355', 5,370-71', 5,384', 5,399', 5,407-10', 5,422', 5,458-59', 5,465', 5,469', 5,473', 5,481', . ALL SHOTS FIRED.  
 CLIFFHOUSE STIMULATION: (5,218' - 5,481') FRAC AT 60 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 652 BBLs SLICKWATER: 640 BBLs TOTAL ACID: 12 BBLs TOTAL 100 MESH SAND: 30,298 LBS TOTAL 30/50 AZ: 70,737 LBS TOTAL N2: 981,000 SCF AVERAGE RATE: 60.2 BPM MAX RATE: 61.2 BPM AVERAGE PRESSURE: 2,609 PSI MAX PRESSURE: 3,171 PSI MAX SAND CONC: 4.0 PPG DOWNHOLE. ISIP: 506 PSI 5 MIN: 326 PSI

RIH W/WIRELINE AND **SET COMPOSITE BRIDGE PLUG AT 5,100'**. BLEED OFF 4-1/2" CASING.  
 SHUT IN, SECURE WELL AND LOCATION.  
 RIG DOWN FRAC AND WIRELINE EQUIPMENT.

Report Number 8	Report Start Date 5/2/2025	Report End Date 5/2/2025
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Operation

CREW TRVL T/30-6 UNIT #406R.  
 PJSM W/AOL F/RIG MOVE.  
 LOAD OUT TRUCKS. MOB RIG & EQUIP T/SAN JUAN 31-6 UNIT #35 (17 MILE MOVE).



## Well Operations Summary L48

**Well Name: SAN JUAN 31-6 UNIT #35**

**API: 3003922109**

**Field: DK**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: RIGLESS 1**

Operation

MIRU RIG & EQUIP.

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

N/D FRAC STACK. REMOVE 4-1/2" FALSE BOTTOM TBG HANGER. INSTALL 2-3/8" TBG HANGE & TWCV.

N/U BOP. R/U TESTER. PRTS BOP T/250 PSI LOW, & 2500 PSI HIGH, OK. R/U WORK FLOOR & TBG HANDLING EQUIP.

M/U 3-7/8" 5 BLADE JUNK MILL, TALLY & TIH ON 2-3/8" 4.7#, J-55 TBG F/TRAILER. NOTE: UNLOAD HOLE W/AIR @ 3000'. TAG CBP#1 (KILL PLUG) @ 5100'.

R/U PWR SWIVEL. R/U SECOND 3" LINE.

SWI. WINTERIZE EQUIP. SECURE LOC. SDFN

CREW TRVL T/YARD.

Report Number 9	Report Start Date 5/3/2025	Report End Date 5/3/2025
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Operation

CREW TRVL T/LOC.

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

UNLOAD HOLE W/AIR. ESTABLISH CIRC W/AIR MIST USING 1350 CFM, 12 BPH FW, 1 GPH SOAP & 1 GPH CI. **DRILL OUT 4-1/2" CBP #1 @ 5100'** (KILL PLUG), F/5100' T/5102' (90 MIN DRLG TIME). NOTE: GOOD PRESSURE SPIKE 60 PSI UNDER PLUG, MAKING WATER & MODERATE SAND.

SINGLE IN W/SWIVEL. TAG FILL (PLUG PARTS & SAND) @ 5477'. ESTABLISH CIRC W/AIR MIST. **CLEAN OUT T/4-1/2" CBP #2 @ 5490'**.

DRILL OUT CBP #2 F/5490' T/5492' (DRLG TIME 30 MIN). SINGLE IN W/SWIVEL. TAG 4-1/2" CBP #3 @ 5740', NO FILL.

ESTABLISH CIRC W/1350 CFM, 12 BPH FW, 2 GPH SOAP & 2 GPH CI. **DRILL OUT 4-1/2" CBP #3 F/5740'** T/5742' (30 MIN DRLG TIME). LIGHT SAND IN RETURNS, NO PRESSURE SPIKE. SINGLE IN W/SWIVEL. TAG @ 6230' = 34' FILL.

ESTABLISH CIRC W/AIR MIST. CLEAN OUT F/6230' T/CIBP @ 6264'. **DRILL 4-1/2" CIBP F/6264'** T/6266' (DRLG TIME 40 MIN). SINGLE IN W/2 JNTS W/SWIVEL. HANG SWIVEL IN DERRICK. TIH F/TRAILER. TAG @ 6917'.

R/U TBG SWVL. ESTABLISH CIRC W/12 BPH FW, 2 GPH SOAP & 2 GPH CI. GOOD CIRCULATION W/CLEAN RETURNS. R/D TBG SWIVEL.

TOH W/3-7/8" JUNK MILL T/5100' (ABOVE PERFS).

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 10	Report Start Date 5/4/2025	Report End Date 5/4/2025
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Operation

CREW TRVL T/LOC.

PJSM. SICP-800, SITP-NA, SIICP-0, SIBHP-0. BDW 20 MINUTES.

FINISH TOH W/3-7/8" JUNK MILL F/5100', (NOTE: KILL CSG W/30 BBLs TO GET BHA OUT OF BOP'S).

ALLOW WELL T/UNLOAD & BLOW DOWN. REKILL CSG W/30 BBLs FW.

M/U 2-3/8" PRODUCTION BHA, DRIFT & TIH ON 2-3/8" 4.7#, J-55 TBG F/DERRICK. M/U TBG HANGER.

LAND TBG AS FOLLOWS:

- 1 - TBG HANGER
- 1 - JNT 2-3/8" 4.7#, J-55, EU TBG
- 1 - PUP JNT, 2-3/8"
- 186 - JNTS 2-3/8" 4.7#, J-55, EU TBG
- 1 - 2' MARKER JNT, 2-3/8"
- 1 - JNT 2-3/8" 4.7#, J-55, EU TBG
- 1 - SN (1.78" ID)
- 1 - TBG TEST PLUG (2-3/8" COUPLING)
- SN @ 6897.99, **EOT @ 6899.54'**

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

PUMP 3 BBL FW PAD DN TBG. PRTS TBG T/500 PSI W/AIR, OK. PUMP OFF TBG PLUG W/900 PSI & CIRC CI T/SURFACE.

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

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 11	Report Start Date 5/7/2025	Report End Date 5/8/2025
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Operation

MOVE IN IDEAL COMPLETIONS EQUIPMENT. R/U SEPARATION EQUIPMENT. FLOWBACK WELL TO FLARE. MONITOR O2 CONTENT. SELLABLE GAS ACHIEVED. FLOW GAS TO SALES LINE FOR 4 HOURS. SIW. TURN WELL OVER TO PRODUCTION. RDMO IDEAL COMPLETIONS EQUIPMENT.



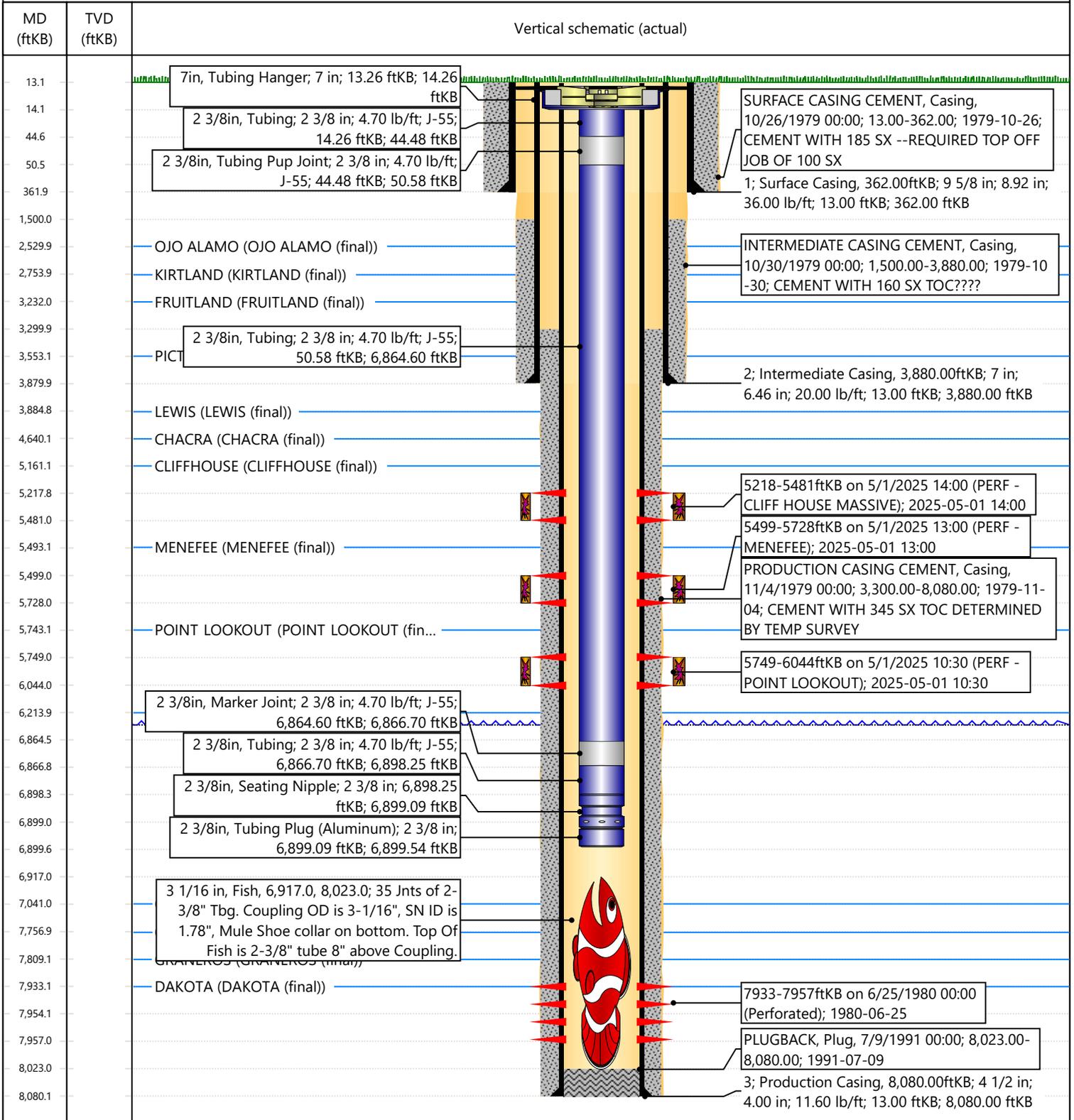
Current Schematic - Version 3

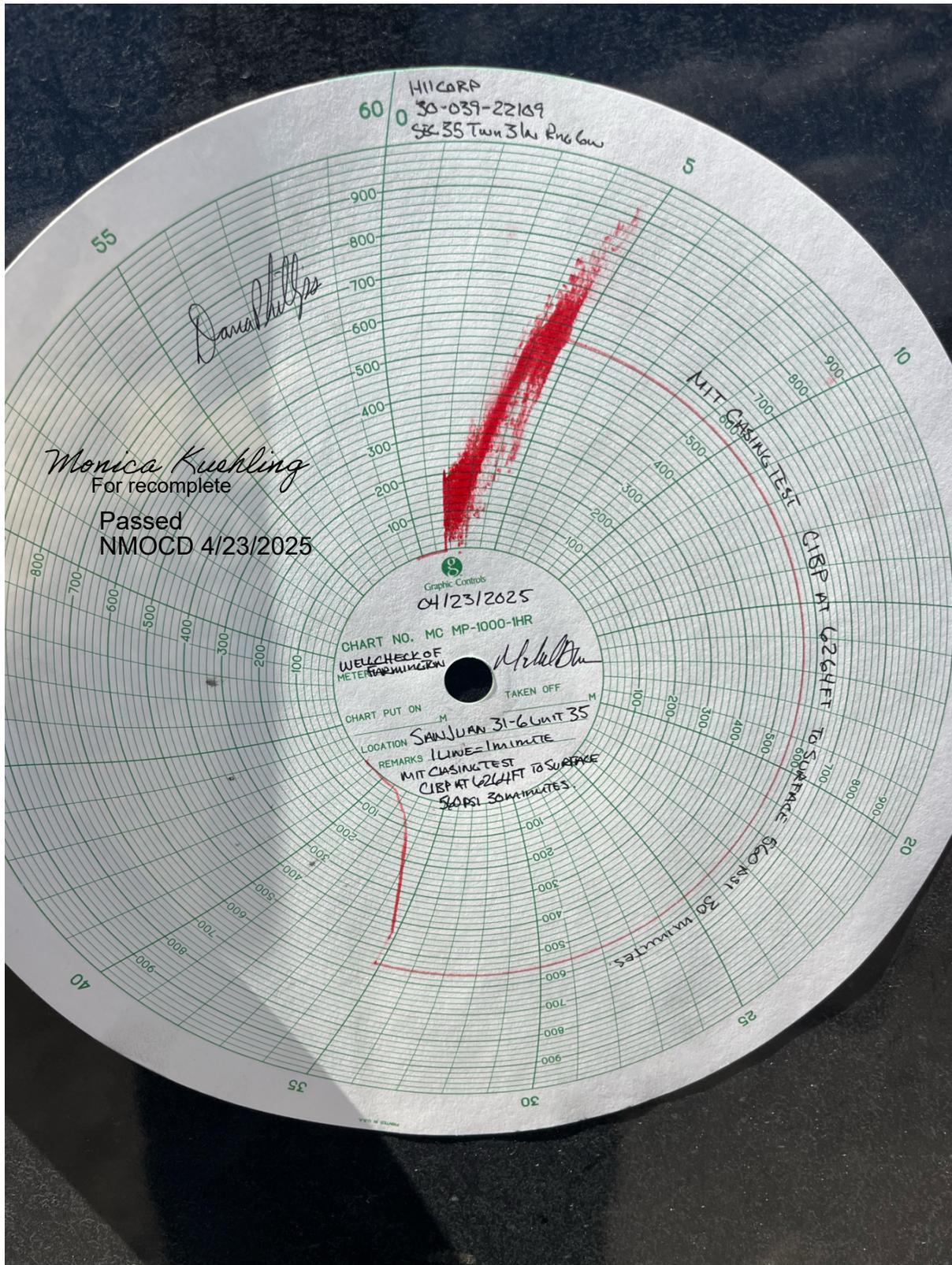
Well Name: SAN JUAN 31-6 UNIT #35

API / UWI 3003922109	Surface Legal Location 035-031N-006W-A	Field Name DK	Route 1105	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,478.00	Original KB/RT Elevation (ft) 6,491.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Tubing Strings					
Run Date 5/4/2025 13:30	Set Depth (ftKB) 6,899.54	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 10/25/1979 00:00

Original Hole, <WellboreIDC> [Vertical]





Sent on: Monday, April 28, 2025 11:04:30 AM

To: [Kuehling, Monica, EMNRD](#); [Mandi Walker](#); [Rennick, Kenneth G](#); [Kade, Matthew H](#); [Rikala, Ward, EMNRD](#)

CC: [Amanda Atencio](#)

Subject: RE: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) - Request to Perforate

Monica,

Noted and apologies for confusion that resulted. Perforation interval is between 5215' – 6032' within the original NOI 5161' – 6214'. NOI was approximated from an offset log and adjusted with the new CBL. Direction on lowest perf not to exceed 6140' is understood.

Thanks & next request will include.

Bruce Darlington  
713-203-2029

---

**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>

**Sent:** Monday, April 28, 2025 10:49 AM

**To:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>

**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>

**Subject:** RE: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) - Request to Perforate

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Bruce

In the future please state where you are planning to perforate top and bottom when requesting approval

I need 150 feet from planned top perf of good cement and 100 feet of good cement from planned bottom perforation. Your approval was to 6214 so the log needed to be ran at minimum of 6314 – if you decide to go back to bottom perf in approval a log will need to cover 100 feet below 6214 – thus off of this log the deepest you can perforate is 6140.

The only time any of the above will change is when the perforating interval is right above existing perforations

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

---

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

**Sent:** Monday, April 28, 2025 9:35 AM

**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>

Cc: Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>  
Subject: RE: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) - Request to Perforate

Good morning,

A bridge plug was set above the fish to load the well and act as a false bottom during recomplete. Deepest perforation is now expected to be 6032' vs NOI depth of 6214'. Plan is to drill out after frac and commingle the Dakota. The bridgeplug is not intended to P&A the Dakota.

Hope that helps,

Bruce Darlington  
713-203-2029

---

**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Monday, April 28, 2025 10:09 AM  
**To:** Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) - Request to Perforate

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Why did their log only go to 6240

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**From:** Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>  
**Sent:** Monday, April 28, 2025 6:42 AM  
**To:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>  
**Subject:** Re: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) - Request to Perforate

Good morning Monica, I just wanted to reach out and check on this request.

Thank you,

*Mandi  
Walker*

*SJE Operations/Regulatory Technician Sr.*

*Office: 346.237.2177 / Cell: 505.402.1212*

[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)



**From:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Sent:** Thursday, April 24, 2025 2:55 PM  
**To:** Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; [ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov) <[ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov)>  
**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>  
**Subject:** Re: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) - Request to Perforate

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The BLM finds the proposed perforations appropriate.

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:** Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>  
**Sent:** Thursday, April 24, 2025 1:00 PM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; [ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov) <[ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov)>  
**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>  
**Subject:** [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) - Request to Perforate

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

Good afternoon everyone,

Attached is the CBL that was ran during the recomplete wellbore prep for the subject well. The MIT was witnessed via Facetime yesterday (chart is pending signatures). Hilcorp is requesting permission to move forward with our recomplete as

[https://ocdimage.emnrd.nm.gov/Imaging/FileStore/santafe/wf/20240401/30039221090000\\_04\\_01\\_2024\\_10\\_30\\_08.pdf](https://ocdimage.emnrd.nm.gov/Imaging/FileStore/santafe/wf/20240401/30039221090000_04_01_2024_10_30_08.pdf)

Thank you,

*Mandi  
Walker*

*SJE Operations/Regulatory Technician Sr.*

*Office: 346.237.2177 / Cell: 505.402.1212*

*1111 Travis Street / 12.215*

*Houston, TX 77002*

[\*mwalker@hilcorp.com\*](mailto:mwalker@hilcorp.com)



---

**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Tuesday, April 22, 2025 12:17 PM  
**To:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; [ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov) <[ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov)>  
**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) Request to leave fish downhole

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NMOCD approves leaving fish in the hole at 6917 – like BLM include this email with subsequent – also note on your subsequent that when well is plugged cement will need to be ran to Dakota perforations covering Graneros and Gallup tops

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
*Released to Imaging: 5/30/2025 7:00:30 AM*  
Cell Phone: 505-320-0243

---

**From:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>  
**Sent:** Tuesday, April 22, 2025 11:13 AM  
**To:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; [ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov)  
**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) Request to leave fish downhole

Thanks for your quick response & request for communication preference is noted. Update: The 7<sup>th</sup> run was zero recovery.

---

**From:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Sent:** Tuesday, April 22, 2025 11:15 AM  
**To:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; [ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov)  
**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>  
**Subject:** Re: [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) Request to leave fish downhole

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

The BLM finds leaving the remaining tubing appropriate. Please include this email conversation with the subsequent report of work completed.

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

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**From:** Bruce Darlington <[Bruce.Darlington@hilcorp.com](mailto:Bruce.Darlington@hilcorp.com)>  
**Sent:** Tuesday, April 22, 2025 10:08 AM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; [ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov) <[ward.rikla@emnrd.nm.gov](mailto:ward.rikla@emnrd.nm.gov)>  
**Cc:** Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>  
**Subject:** [EXTERNAL] San Juan 31-6 Unit 35 (3003922109) Request to leave fish downhole

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

While preparing to recomplete the subject well to Mesa Verde, tubing was found parted at 2,276'. A picture of tubing recovered is attached and summary of seven fishing runs over last 4 days is below along with current wellbore diagram:

Thursday 4/16 – removed 2276', tagged top of fish 2,414' (tubing dropped 138'), fish out 7 joints (216')

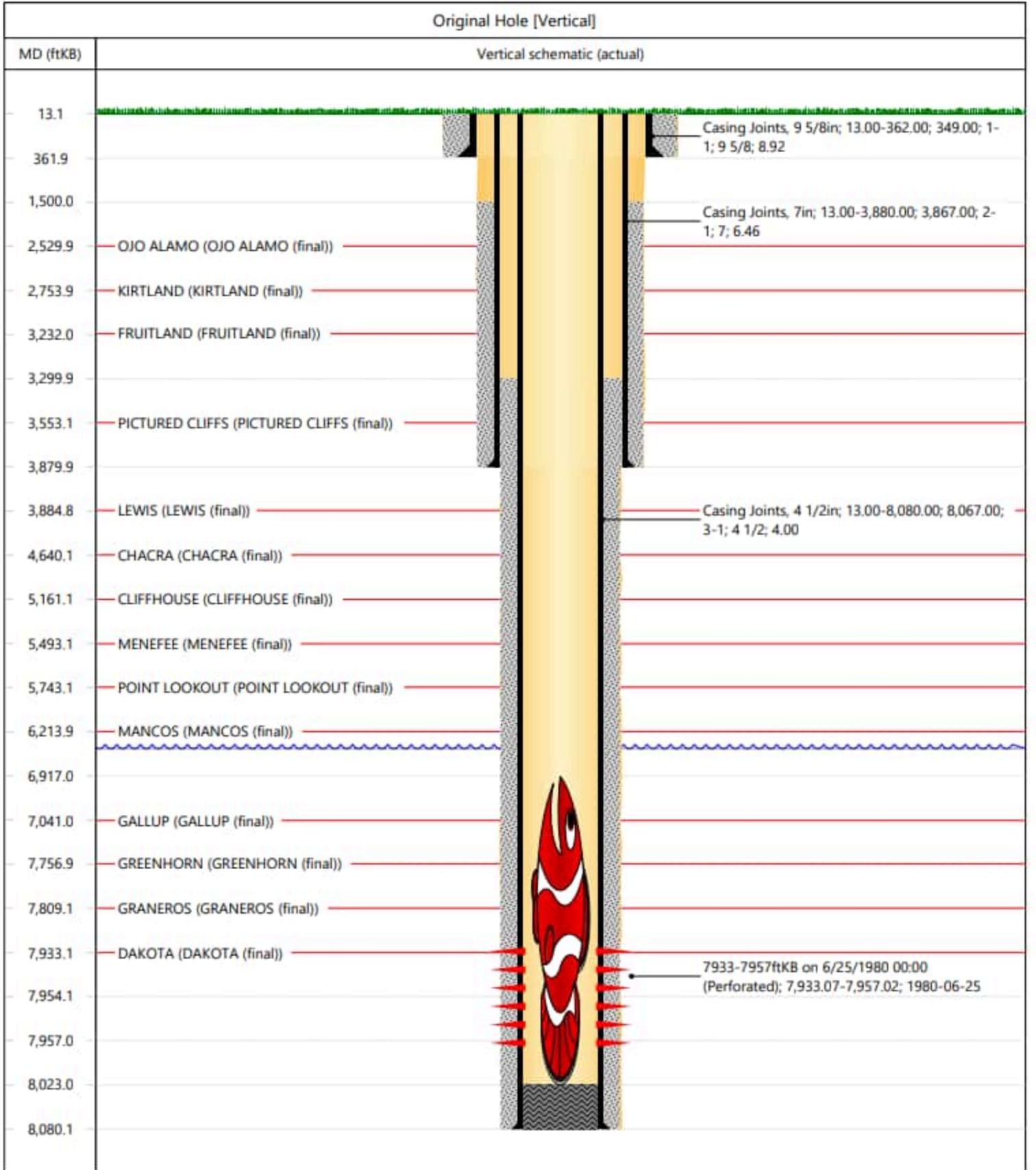
Friday 4/17 – made 3 overshot runs recovering 4,133' of buckled pipe

Monday 4/21 – made 3 runs recovering 155' of buckled/broken pipe.

Tuesday 4/22 – 7<sup>th</sup> run in process, top of fish is at 6,917',

Well Name: SAN JUAN 31-6 UNIT #35

API / LWI 3003922109	Surface Legal Location 035-031N-006W-A	Field Name DK	Route 1105	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,478.00	Original KB/RT Elevation (ft) 6,491.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)



Recovery has slowed & top of fish is below NOI sent 2/27/2024 for recompleat from 5,161'-6,214'. Your permission is requested to leave the remaining tubing.

A CBL and MITT will be performed before requesting to perforate per DHC 5375 issued 4/25/2024.

Thank you for your consideration on this.

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

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

General Information  
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 463656

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 463656
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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

CONDITIONS

Action 463656

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 463656
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**CONDITIONS**

Created By	Condition	Condition Date
plmartinez	None	5/30/2025