

Well Name: SAN JUAN 29-7 UNIT	Well Location: T29N / R7W / SEC 5 / NESW / 36.75174 / -107.596963	County or Parish/State: RIO ARRIBA / NM
Well Number: 79B	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078951	Unit or CA Name: SAN JUAN 29-7 UNIT--DK, SAN JUAN 29-7 UNIT--MV	Unit or CA Number: NMNM78417A, NMNM78417B
US Well Number: 3003926222	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2765301

Type of Submission: Notice of Intent	Type of Action: Workover Operations
Date Sundry Submitted: 12/11/2023	Time Sundry Submitted: 06:47
Date proposed operation will begin: 12/29/2023	

Procedure Description: Hilcorp Energy requests approval to repair the bradenhead on the subject well per the attached procedure and wellbore diagram.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

San\_Juan\_29\_7\_Unit\_79B\_Bradenhead\_repair\_NOI\_20231211064659.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: TAMMY JONES

Signed on: DEC 11, 2023 06:47 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Compliance Specialist

Street Address: 382 ROAD 3100

City: AZTECState: NM

Phone: (505) 324-5185

Email address: TAJONES@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: Approved

Disposition Date: 12/11/2023

Signature: Matthew Kade



**HILCORP ENERGY COMPANY**  
**San Juan 29-7 Unit 79B - Bradenhead Repair**

<b>Prepared by:</b>	Matthew Esz
<b>Preparation Date:</b>	12/8/2023

WELL INFORMATION			
<b>Well Name:</b>	San Juan 29-7 Unit 79B	<b>State:</b>	NM
<b>API #:</b>	3003926222	<b>County:</b>	Rio Arriba
<b>Area:</b>	10	<b>Latitude:</b>	36.820558
<b>Route:</b>	1000	<b>Longitude:</b>	-107.337267
<b>Spud Date:</b>	April 5, 2000	<b>Formations:</b>	MV

PROJECT DESCRIPTION	
We have identified the source of the pressure on the intermediate csg to be leaking seals in the wellhead between the production and intermediate strings. An attempt was made from surface to remediate the issue by pumping packing into the voids. This was unsuccessful, workover is required to pull the tubing hanger and string to access and remediate the leaking seals.	

CONTACTS			
Title	Name	Office Phone #	Cell Phone #
Engineer	Matthew Esz	NONE	770-843-9226
Area Foreman	Ryan Frost	#N/A	505-320-0953
Lead	#N/A	#N/A	#N/A
Artificial Lift Tech	#N/A	#N/A	#N/A
Operator	#N/A	#N/A	#N/A

<b>Artificial Lift Type:</b>	Pumping Unit
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ENGINEERING RECOMMENDATION	
Pull tbg out of hole. Set an RBP as a barrier to safely remove and remediate the wellhead leak. Repair the wellhead seals as necessary. RIH with tbg and set at same EOT. Test wellhead voids to ensure there is no communication.	

<b>Estimated Rig Days:</b>	3
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SPECIAL REQUIREMENTS	
none	



**HILCORP ENERGY COMPANY**  
**San Juan 29-7 Unit 79B - Bradenhead Repair**

**JOB PROCEDURES**

1. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations. Scope location for base beam. If unable to use base beam, test rig anchors prior to moving in rig.
2. MIRU workover rig. Check casing, tubing, intermediate, and bradenhead pressures daily and record them in WellView. **Report all pressures to engineering before moving forward with the remainder of the procedure.**
3. TOOH with pump and rods.
4. ND wellhead, NU BOP. TOOH with tbg and BHA.
5. RIH with RBP and 1 jnt of tbg, set RBP at 30'.
6. Remove and repair the wellhead. Verify the new wellhead/seals are holding pressure and there is no communication.
7. RIH and retrieve RBP.
8. RIH w/ production tubing. BHA design and EOT will not change.

TUBING DESCRIPTION		PRODUCTION BHA DESCRIPTION (BOTTOM TO TOP)	
Tubing OD:	2-3/8	1	
Tubing Weight:	4.7		
Tubing Grade:	J-55	1	2-3/8 Pump Seat Nipple
KB Depth:	15'		
EOT at:	7337'	As needed	2-3/8 - 4.7 - J-55 Tubing Joints
Seat Nipple At:	7301'	As Needed	2-3/8 - 4.7 - J-55 Tubing Pup Joints
		As needed	2-3/8 - 4.7 - J-55 Tubing Joints

9. Ensure barriers are holding. ND BOP and BOP equipment.
10. Pressure test tubing slowly with an air package as follows: Pump 3 BBLs pad, drop steel ball, pressure tubing up to 560 psi, and bypass air. Monitor pressure for 15 minutes, then complete the operation by pumping off the expendable check (Note in WellView the pressure in which the check pumped off). Purge air as necessary
11. Notify the Operator & Artificial Lift Tech that well is ready to be turned back online. Verify cathodic is back online.
12. RDMO workover



**HILCORP ENERGY COMPANY**  
San Juan 29-7 Unit 79B - Bradenhead Repair

## San Juan 29-7 Unit 79B - Bradenhead Repair - CURRENT WELLBORE SCHEMATIC



Hilcorp Energy Company

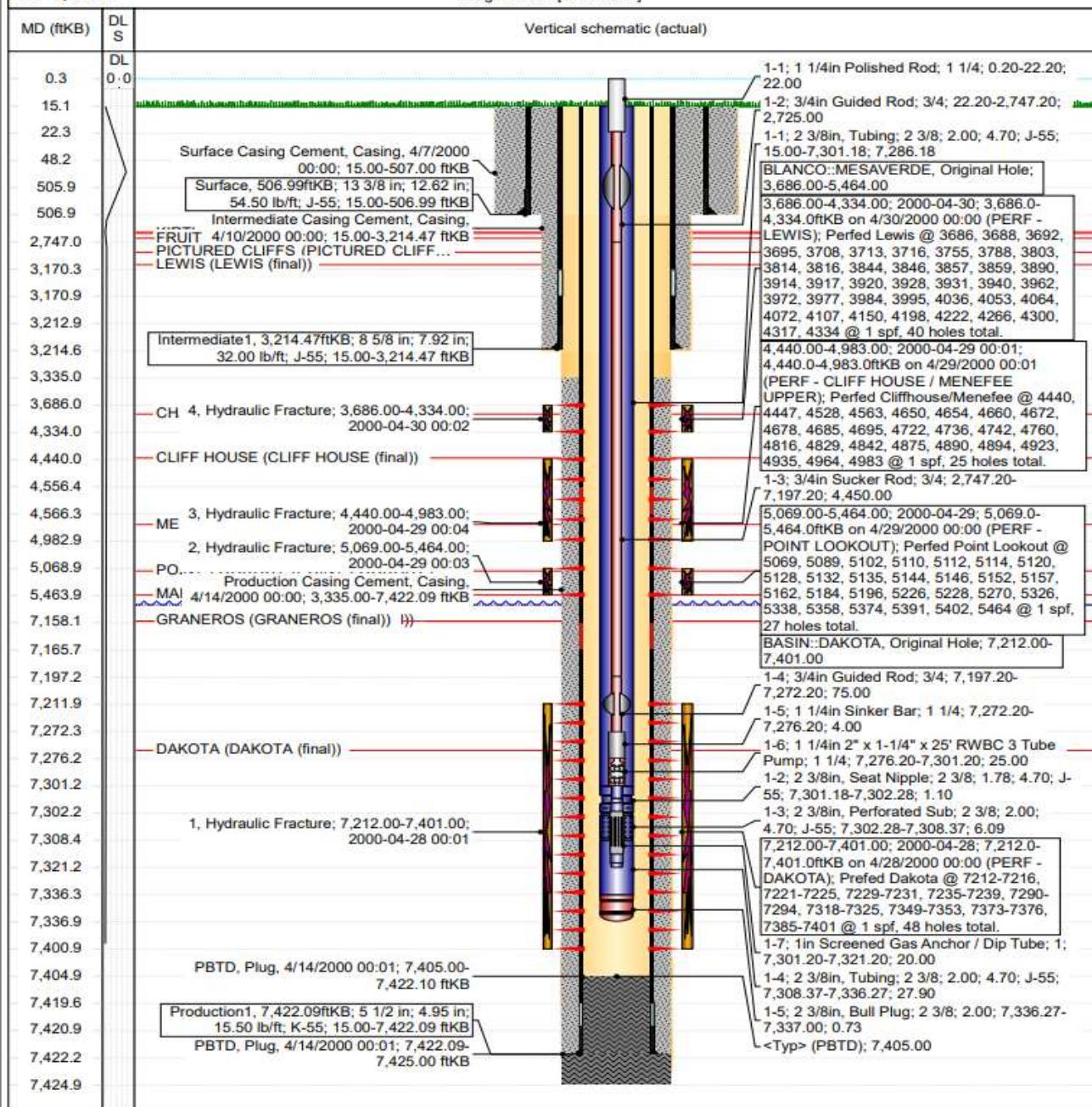
WBD

Well Name: SAN JUAN 29-7 UNIT #79B

API / UWI 3003926222	Lahee	Area AREA 10	Field Name BASIN DAKOTA (PRIORATED GAS)	Route 1000	License No.	State/Province NEW MEXICO
Ground Elevation (ft) 6,103.00	Casing Flange Elevation (ft)	RKB to GL (ft) 15.00	KB-Casing Flange Distance (ft)	Original Spud Date 4/5/2000 20:30	Rig Release Date 10/24/2001 13:00	

TD: 7,425.0

Original Hole [VERTICAL]

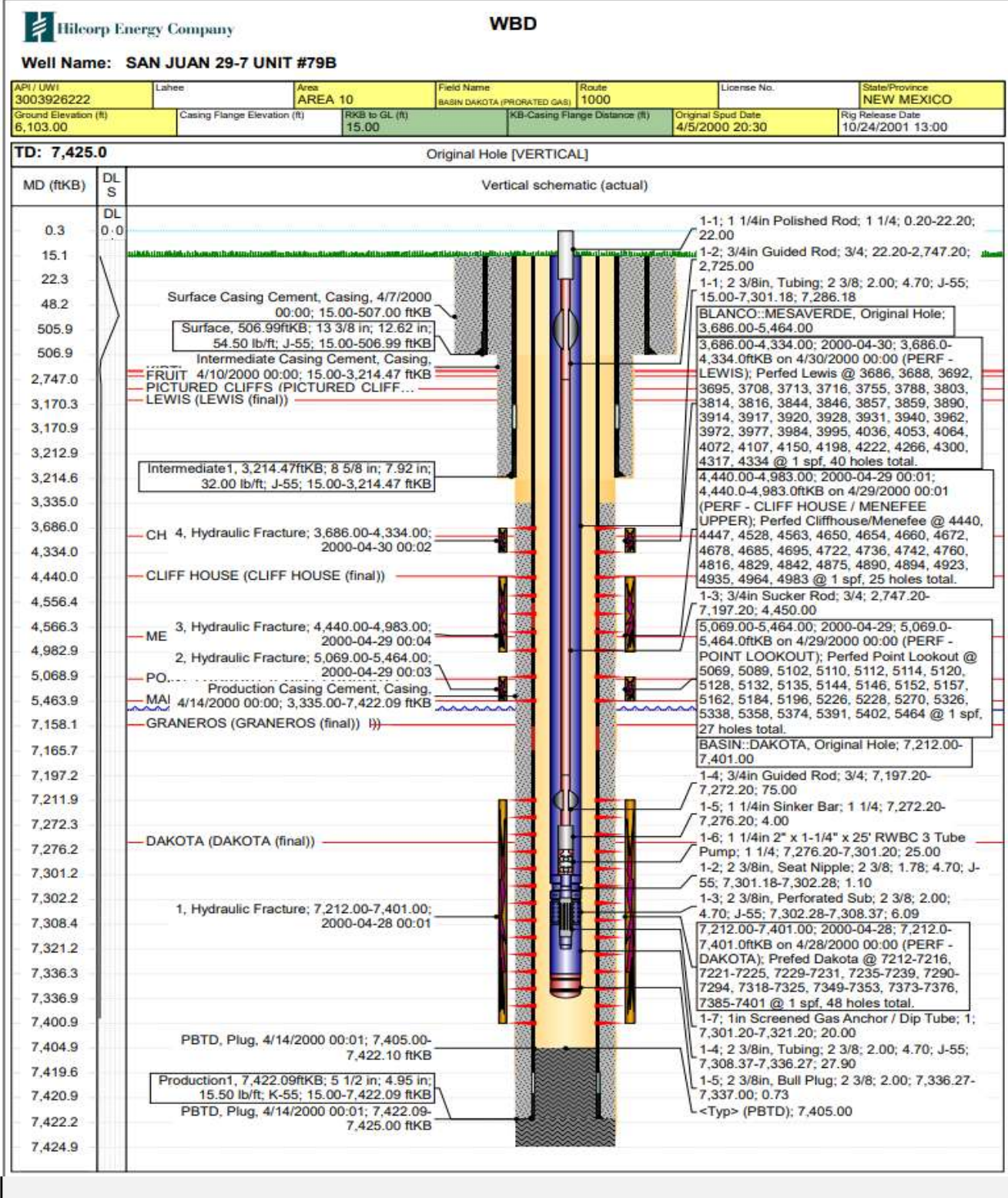






# **HILCORP ENERGY COMPANY** **San Juan 29-7 Unit 79B - Bradenhead Repair**

**San Juan 29-7 Unit 79B - Bradenhead Repair - PROPOSED SCHEMATIC**



**Tammy Jones**

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**From:** Tammy Jones  
**Sent:** Friday, November 17, 2023 11:33 AM  
**To:** Kuehling, Monica, EMNRD; Farmington Regulatory Techs  
**Subject:** RE: [EXTERNAL] San Juan 29 7 Unit 79B 30-039-26222

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Monica – this has been sent to the Area Engineer.

Thanks,

*Tammy Jones* | **HILCORP ENERGY COMPANY** | San Juan Regulatory | 505.324.5185 | [tajones@hilcorp.com](mailto:tajones@hilcorp.com)

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**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Friday, November 17, 2023 10:20 AM  
**To:** Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>  
**Subject:** [EXTERNAL] San Juan 29 7 Unit 79B 30-039-26222

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

Hello

A bradenhead test was witnessed by NMOCD Inspector John Durham on July 31, 2023.

Initial pressures

	Bradenhead	Intermediate	Production casing
2023	0	61	61

Direct communication between production casing and intermediate were observed. Intermediate flowed for full 30-minute test. Production casing pressure dropped while intermediate open.

Previous tests

2020	0	0	65
2017	0	0	95

Gas analysis and wellbore schematic have been received. Gas analysis shows same gas on intermediate and production casing.

In order to comply with rule 19.15.16.11, prevent waste and protect fresh water, Hilcorp Energy Company is directed to find source of gas on intermediate and fix or plug within 90 days of the date of this email.

If you have any questions, please let me know.

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)



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**District IV**  
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 292983

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 292983
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to moving on -	12/20/2023