

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

**Well Name:** SAN JUAN 27-5 UNIT

**Well Location:** T27N / R5W / SEC 14 /  
SENE / 36.576 / -107.32185

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 103

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF079492A

**Unit or CA Name:** SAN JUAN 27-5  
UNIT--DK

**Unit or CA Number:**  
NMNM78409A

**US Well Number:** 3003920032

**Well Status:** Producing Gas Well

**Operator:** HILCORP ENERGY  
COMPANY

## Notice of Intent

**Sundry ID:** 2687996

**Type of Submission:** Notice of Intent

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 08/18/2022

**Time Sundry Submitted:** 08:25

**Date proposed operation will begin:** 09/01/2022

**Procedure Description:** Hilcorp Energy is requesting approval to repair the bradenhead for the subject well per the attached procedure.

## Surface Disturbance

**Is any additional surface disturbance proposed?:** No

## NOI Attachments

### Procedure Description

San\_Juan\_27\_5\_Unit\_103\_NOI\_Procedure\_\_\_Schematic\_20220818082439.pdf

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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: PRISCILLA SHORTY

Signed on: AUG 18, 2022 08:25 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Technician

Street Address: 382 Road 3100

City: Aztec

State: NM

Phone: (505) 324-5188

Email address: pshorty@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: 08/18/2022

Signature: Kenneth Rennick



**HILCORP ENERGY COMPANY**  
**SAN JUAN 27-5 UNIT 103**  
**BH Repair Sundry**

**JOB PROCEDURES**

1. PT test ports on WH (if test ports are available) to determine if the wellhead seals have integrity. If WH seals fail, pump filling into test ports to attempt to packoff WH seals and conduct another BH test and send results to NMOCD/BLM. If BH test passes after pumping packoff material into wellhead, conduct no further work. If BH test fails after pumping packoff material into wellhead, move to step 2. If initial PT on WH seals pass or tests ports are not on the wellhead, move to step 2.
2. Contact **NMOCD/BLM 24 hours** before rigging up on the well.
3. MIRU workover rig and associated equipment; test BOP.
4. Release Baker Model "R3" packer and TOOH w/ **2-3/8"** tubing set at **7882'** scanning and laying down bad joints.
5. RIH w/ **3-7/8"** string mill and **3-7/8"** bit to top of **Dakota** perforations at **7698'**. TOOH and LD string mill and bit.
6. PU RIH w/ packer. Pressure test wellhead.
  - a. If wellhead fails, identify problem and notify NMOCD/BLM. Perform necessary wellhead repairs. Retest.
  - b. If wellhead test passes, move on to Step 7.
7. TIH w/ and set 4-1/2" RBP at **+/-7648'** to isolate the **Dakota**.
8. Load hole with water and PT casing to 560psi for 30 min. Open BH valve as needed during test to comply with standards.
  - a. If casing pressure test passes, notify NMOCD/BLM of casing integrity. RDMO.
  - b. If casing pressure test fails, TIH w/ packer and set above plug to ensure a good test. PT backside (casing) to 560psi to confirm casing integrity issue. If casing PT fails, PU packer and set at **+/-3000** and begin to hole hunt. When failure is located send results to NMOCD/BLM with remediation plans going forward.
9. RDMO workover rig.



**HILCORP ENERGY COMPANY**  
**SAN JUAN 27-5 UNIT 103**  
**BH Repair Sundry**

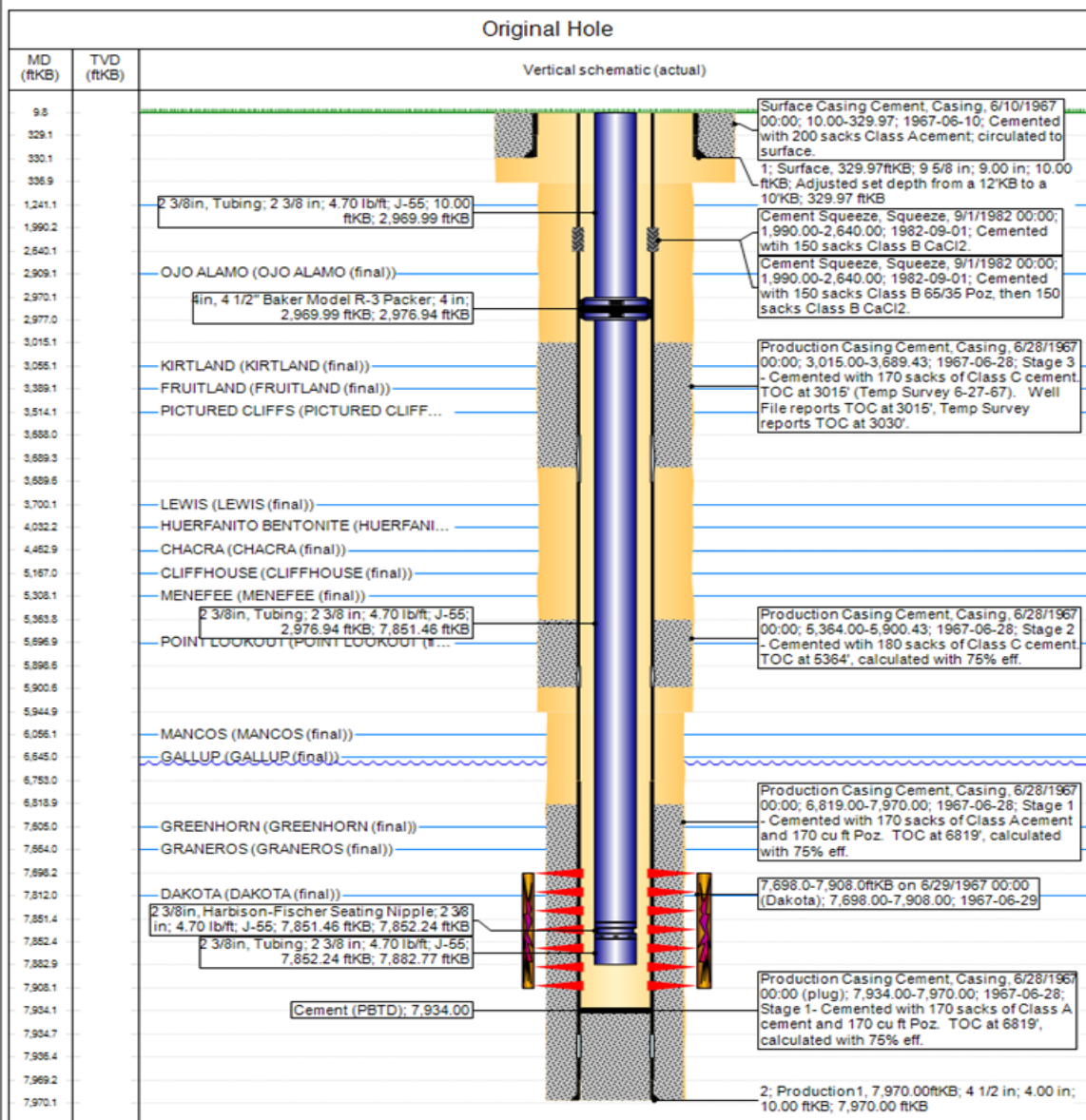
**SAN JUAN 27-5 UNIT 103 - CURRENT WELLBORE SCHEMATIC**



**Current Schematic - Version 3**

Well Name: **SAN JUAN 27-5 UNIT #103**

API / UWI 3003920032	Surface Legal Location 014-027N-005W-H	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1410	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,666.00	Original KBRT Elevation (ft) 6,676.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



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Report Printed: 7/19/2022

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
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 135341

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 135341
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	If wellhead test passes and casing test passes (assumed using rig pump) - a charted test will be required from 7648 to surface with a witness from this office.	8/30/2022