

Well Name: GROSS	Well Location: T31N / R12W / SEC 7 / SESW / 36.908966 / -108.139725	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078243	Unit or CA Name: GROSS	Unit or CA Number: NMNM73672
US Well Number: 3004510856	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2737933

Type of Submission: Notice of Intent

Date Sundry Submitted: 06/26/2023

Date proposed operation will begin: 06/26/2023

Type of Action: Plug Back

Time Sundry Submitted: 11:51

Procedure Description: Please see the attached Revised MV Recomplete NOI, we are now requesting to plug back the DK.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Gross_1_MV_recomplete_Revised_NOI_06.26.23_20230626115047.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: JUN 26, 2023 11:51 AM
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: 06/26/2023
Signature: Kenneth Rennick	



**GROSS 1
MESA VERDE RECOMPLETION SUNDRY**

API #:	3004510856
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JOB PROCEDURES

- | | | |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | NMOCD | Contact OCD and BLM (where applicable) 24 hrs prior to MIRU or running MITs. Record and document all casing pressures <u>daily</u>, including BH, IC (if present) and PC. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental regulations. |
| <input checked="" type="checkbox"/> | BLM | |
1. MIRU workover rig and associated equipment; NU and test BOP.
 2. TOOH with **2 3/8"** tubing set at **6,776'**.
 3. Set a **5-1/2"** cast iron bridge plug at +/- **6,690'** to isolate the **Dakota** perforations.
 4. Load hole with water and attempt to establish circulation. Mix approx. 110 sxs cement in 1 stage to fill the inside of the 5-1/2" casing to **5811'** to isolate casing leaks in the Mancos formation. Wait on cement. TIH and tag cement. Circulate well clean with water. Pressure test casing to 600#. If casing does not test, then spot or tag subsequent plug as necessary. TOOH with tubing.
 5. Load hole with fluid, PT the csg to 600 psi and run a CBL on the 5-1/2" casing. Verify cement bond within the **Mesa Verde** and confirm TOC. Review CBL results with the regulatory agencies and perform cmt remediation, as required.
 6. Perform a witnessed MIT test on the csg with the appropriate regulatory agencies to 600 psi
 7. Set a **5-1/2"** cast iron bridge plug at +/- **5,153'** to provide a **base for the frac**.
 8. Perforate the **Mesa Verde**. (Top perforation @ 3,857', Bottom perforation @ 5,053')
 9. RIH w/ BHA (frac string, packer, burst disc sub), set packer @ ~3,757'.
 10. ND BOPs, NU frac stack. PT frac stack to 9,000#. PT frac string to 9,000#, PT backside to 300# (to insure packer is set).
NOTE: frac string is 2-7/8" 6.5# P110 with BTS-8 connections. PT is to max anticipated treating pressure (~60% of burst)
 11. Break disc with slickline
 12. Frac the **Mesa Verde** in 1-2 stages down the frac string.
 13. Flowback well for 1-3 days as required
 14. MIRU workover rig. Nipple down frac stack, nipple up BOPs and test.
 15. Release packer and POOH w/ frac string
 16. TIH w/ mill and clean down to the top of the **base of frac plug** at **5,153'**.
 17. Drill out **base of frac plug** and cleanout to plug back at **5811'**. POOH.
 18. TIH and land production tubing. ND BOPs and NU tree. Pump off expendable check.



HILCORP ENERGY COMPANY
GROSS 1
MESA VERDE RECOMPLETION SUNDRY

GROSS 1 - CURRENT WELLBORE SCHEMATIC

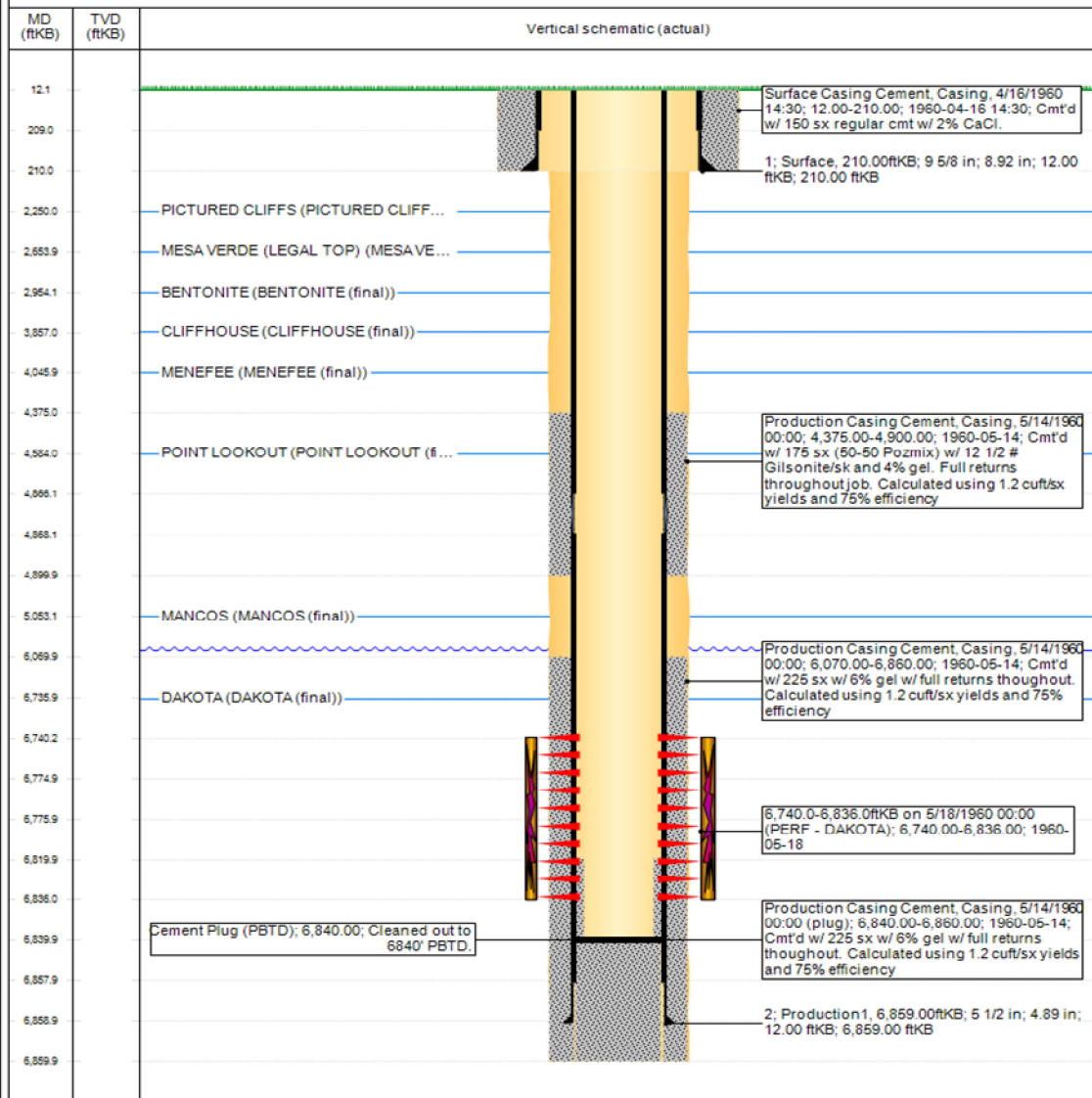


Current Schematic - Version 3

Well Name: GROSS #1

API / UWI 3004510856	Surface Legal Location N-7-31N-12W	Field Name BASIN	Route 0203	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,900.00	Original KB/RT Elevation (ft) 5,912.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [Vertical]



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**HILCORP ENERGY COMPANY
GROSS 1
MESA VERDE RECOMPLETION SUNDRY**

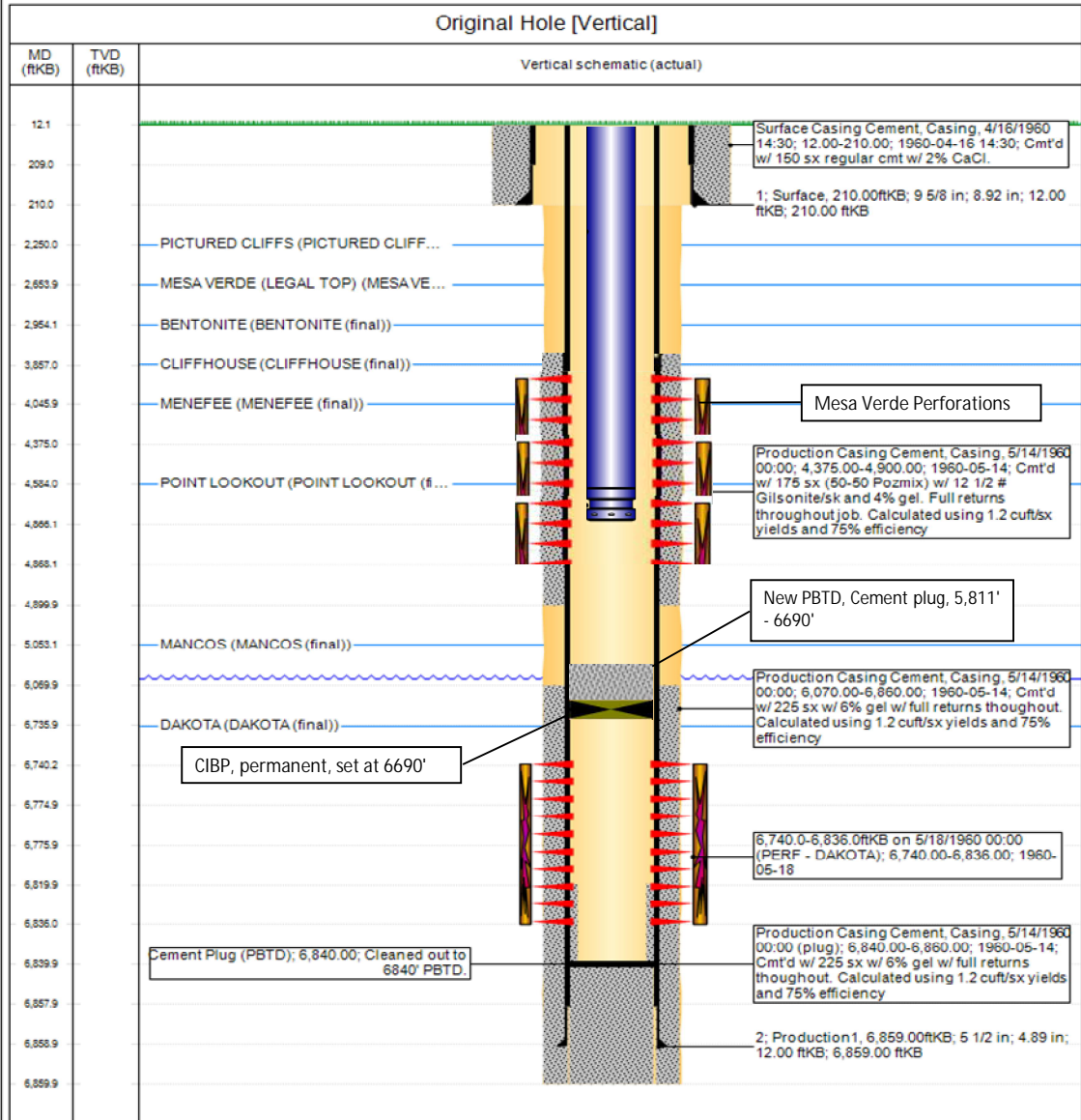
GROSS 1 - Proposed Schematic



Current Schematic - Version 3

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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 232778

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 232778
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 6/28/2023. BLM approved on 06/26/2023.	6/28/2023
john.harrison	Once CBL has been run, please share with NMOCD for review/evaluation.	6/28/2023