

Well Name: SAN JUAN 32-7 UNIT	Well Location: T32N / R7W / SEC 35 / NWNE / 36.941528 / -107.531921	County or Parish/State: SAN JUAN / NM
Well Number: 69	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078543	Unit or CA Name: SAN JUAN 32-7 UNIT--DK	Unit or CA Number: NMNM78423C
US Well Number: 3004524777	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2664507

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/30/2022

Date proposed operation will begin: 04/01/2022

Type of Action: Recompletion

Time Sundry Submitted: 09:19

Procedure Description: Hilcorp Energy Company requests to REVISE the Recomplete NOI to update the procedure to include squeezing off the Mancos after the DFIT test is complete.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

30045247770000_SJ_32_7_Unit_69_MV_RC_Mancos_DFIT_with_sqz_20220330091505.pdf

Received by OCD: 3/31/2022 8:08:28 AM

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Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: AMANDA WALKER	Signed on: MAR 30, 2022 09:19 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

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: 03/31/2022
Signature: Kenneth Rennick	



HILCORP ENERGY COMPANY
SAN JUAN 32-7 UNIT 69
MESA VERDE RECOMPLETION SUNDRY

Prepared by:	Scott Anderson
Preparation Date:	February 8, 2022

WELL INFORMATION			
Well Name:	SAN JUAN 32-7 UNIT 69	State:	NM
API #:	3004524777	County:	SAN JUAN
Area:	5	Location:	860' FNL & 1570' FEL - Unit B - Section 35 - T 032N - R 007W
Route:	506	Latitude:	36.9415283 N
Spud Date:	2/2/1981	Longitude:	-107.53189 W

PROJECT DESCRIPTION
Isolate the Dakota formation, perforate the Mesa Verde formation and frac stimulate in 1-2 stages. cleanout isolations and commingle the Mesa Verde production with existing Dakota production. Strip facilities and repair eqmt as necessary

CONTACTS			
Title	Name	Office Phone #	Cell Phone #
Engineer	Scott Anderson		248-761-3965
Area Foreman	Cameron Garrett		947-5683
Lead	Pat Hudman		320-1225
Artificial Lift Tech	Burl Applegate		320-2570
Operator	John Shaw		419-9135



HILCORP ENERGY COMPANY
SAN JUAN 32-7 UNIT 69
MESA VERDE RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU workover rig and associated equipment; NU and test BOP.
2. TOOH with **2 3/8"** tubing set at **8,143'**.
3. RIH with tapered mill and ream through tight spot at **4,030'**. TOOH.
4. Set a **4-1/2"** bridge plug at +/- **8,161'** to isolate the **Dakota**.
5. Load hole with KCl fluid and run a CBL on the 4-1/2" casing. Verify cement bond across the **Mesa Verde and Mancos** formations; confirm cement top and bottom behind the 4-1/2" casing. Review CBL results with engineering/NMOCD/BLM and perform cmt remediation, if required.
6. ND BOPs, NU frac stack. Pressure test the csg and bridge plug to DFIT pressure
7. RU wireline and perforate Mancos formation (**between 6,427-7,569'**)
8. RIH w/ RBP and tandem pressure gauges, position above **Mancos** top perf (do not set)
9. RU pump truck and perform DFIT (pump into Mancos w/ KCl fluid at approximately 4-6 bpm. Max volume = 40 bbls) on **Mancos** perforations. Shut down pump.
10. Set RBP and pressure gauges above the **Mancos** perforations.
11. SI well and monitor wellhead pressure. RDMO pump truck and wireline
12. MIRU workover rig, NDNU BOP, RIH w/retrieving tool and pull RBP, gauges. Unload and flow test the Mancos.
13. RIH w/ workstring, RU cementers and squeeze the **Mancos** perforations with cement
14. Drill out cement squeeze and pressure test the squeeze.
15. Set a second **4-1/2"** bridge plug at +/- **6,427'** to provide a base for the frac. Load the 7" x 4.5" annulus with packer fluid. If a casing frac is pursued, install 5K tubing head and pressure test casing to anticipated frac pressure, but do not exceed 80% of casing burst pressure. ***Burst pressure of 4-1/2" x 10.5# casing is 4,790 psig. 80% of burst is 3832 psig.**
16. Perforate the **Mesa Verde**. (Top perforation @ **5,659'**, Bottom perforation @ **6,427'**)
17. Frac will be completed via existing casing or a frac string depending on TOC and casing integrity. If running a frac string set pkr at **-5,600'**.
18. N/D BOP, N/U frac stack (if necessary) and test frac stack to frac pressure. IF a frac string is needed, open well and PT frac string to **9000#** against the ceramic disc.
19. If necessary, RU slickline. RIH and break ceramic disc. RD slickline.
20. Frac the **Mesa Verde** in a single or multiple stages.
21. IF a frac string is used, RU flowback eqmt if necessary. Flowback well until tubing pressure drops to working level and sand subsides or well loads up. RD flowback eqmt.
22. MIRU workover rig. Nipple down frac stack, nipple up BOP and test.
23. If a frac string is used, release the pkr and POOH LD workstring.
24. RIH w/ mill and cleanout to top of packer at **8165'**. TOOH. Capture a Mesa Verde gas sample prior to removing Mesa Verde isolation
25. TIH and land production tubing. Get a commingled **Dakota/Mesa Verde** flow rate.



HILCORP ENERGY COMPANY
SAN JUAN 32-7 UNIT 69
MESA VERDE RECOMPLETION SUNDRY

SAN JUAN 32-7 UNIT 69 - CURRENT WELLBORE SCHEMATIC

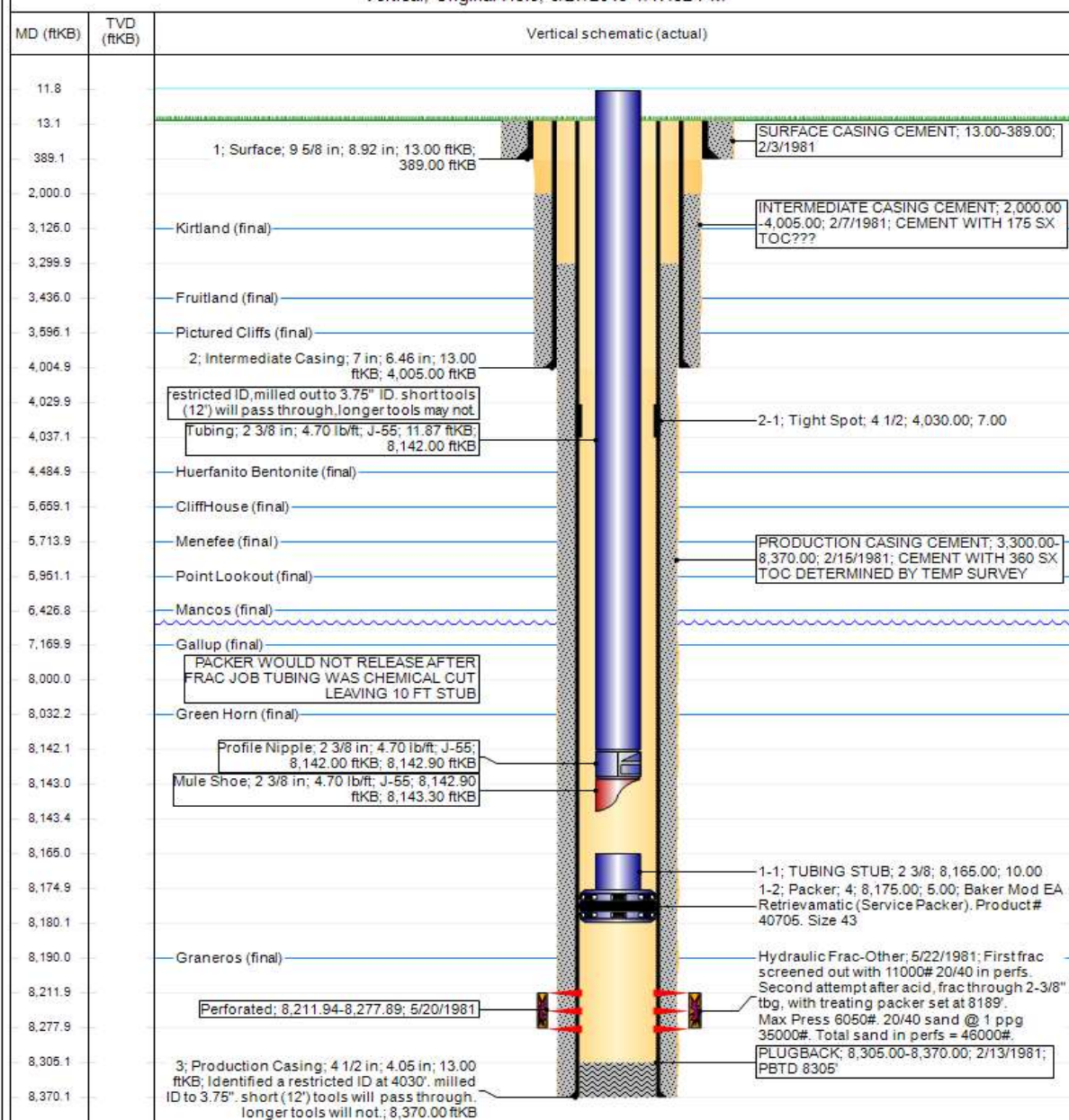


Current Schematic

Well Name: SAN JUAN 32-7 UNIT #69

API / UWI 3004524777	Surface Legal Location 035-032N-007W-B	Field Name DK	Route 0506	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,730.00	Original KBRT Elevation (ft) 6,743.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 6/27/2019 1:17:52 PM



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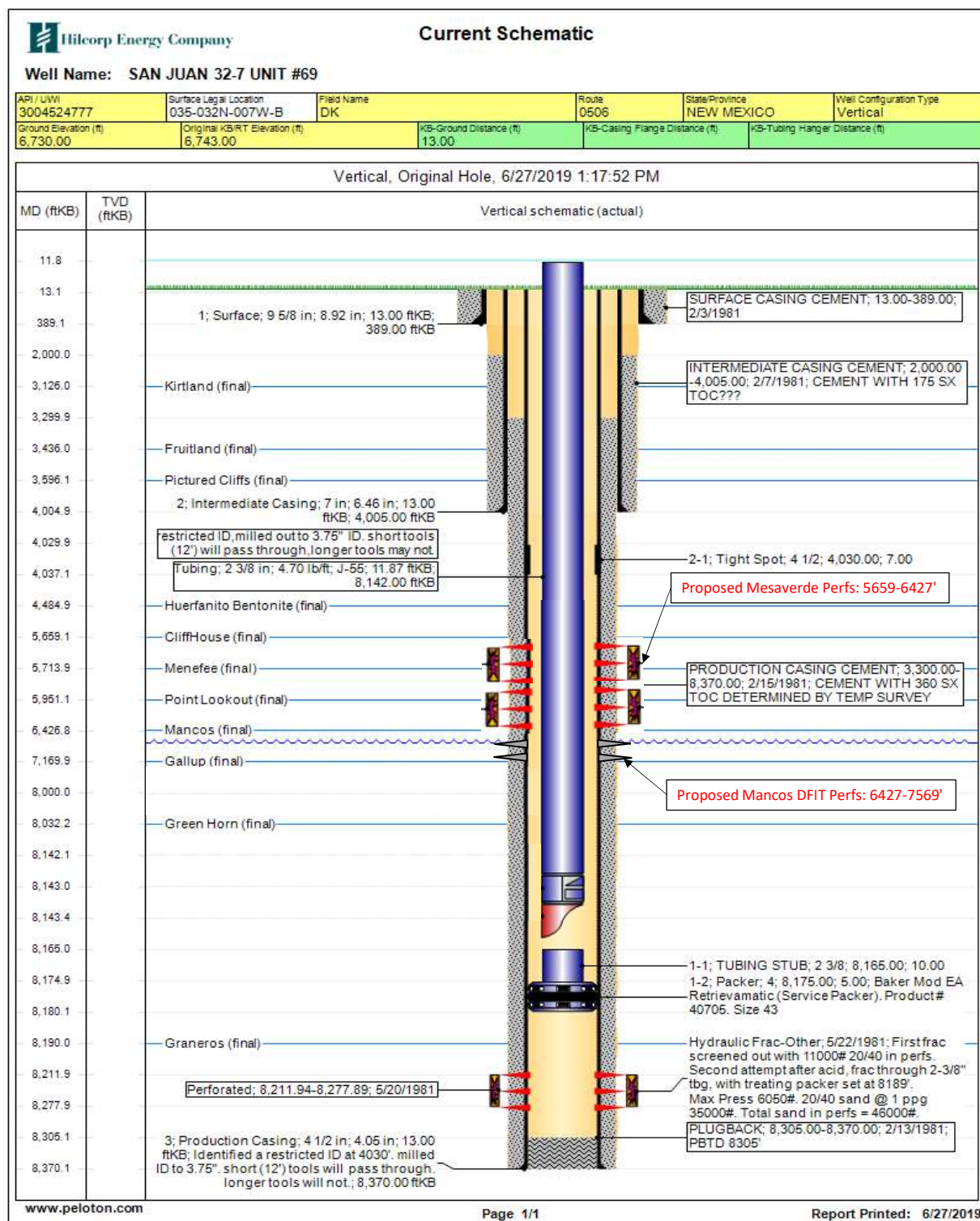
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Report Printed: 6/27/2019



HILCORP ENERGY COMPANY
SAN JUAN 32-7 UNIT 69
MESA VERDE RECOMPLETION SUNDRY

SAN JUAN 32-7 UNIT 69 - PROPOSED WELLBORE SCHEMATIC



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 94650

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 94650
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	3/31/2022