

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171	
		³ Reason for Filing Code/ Effective Date RC	
⁴ API Number 30-045-10856	⁵ Pool Name Blanco Mesaverde		⁶ Pool Code 72319
⁷ Property Code 325079	⁸ Property Name Gross		⁹ Well Number 1

II. ¹⁰ Surface Location

UI or lot no. N	Section 07	Township 31N	Range 12W	Lot Idn	Feet from the 845	North/South Line South	Feet from the 1650	East/West Line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County Choose an item.
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

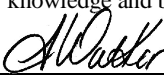
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	O
373888	Harvest Four Corners, LLC	G

IV. Well Completion Data

²¹ Spud Date 4/15/1960	²² Ready Date 8/17/2023	²³ TD 6860'	²⁴ PBTD NEW 5650'	²⁵ Perforations 4330' – 4750'	²⁶ DHC, MC N/A
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
13 3/4"		9 5/8", 36#, H-40	210'		150 sx
7 7/8"		5 1/2", 17#, J-55	6859'		400 sx
		2 3/8", 4.7#, J-55	4720'		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date 8/17/2023	³³ Test Date	³⁴ Test Length 3 hrs	³⁵ Tbg. Pressure SI 25	³⁶ Csg. Pressure SI 380
³⁷ Choke Size 15/64"	³⁸ Oil 0	³⁹ Water 0	⁴⁰ Gas 82		⁴¹ Test Method

⁴² 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. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Amanda Walker		Approved by: Sarah McGrath	
Title: Operations Regulatory Tech Sr.		Title: Petroleum Specialist - A	
E-mail Address: mwalker@hilcorp.com		Approval Date: 09/06/2023	
Date: 9/6/2023	Phone: 346.237.2177		

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

Subsequent Report

Sundry ID: 2748584

Type of Submission: Subsequent Report

Date Sundry Submitted: 08/30/2023

Date Operation Actually Began: 06/18/2023

Type of Action: Recompletion

Time Sundry Submitted: 05:56

Actual Procedure: The following well has been recompleted into the Mesaverde and is now producing as a STANDALONE. The DK was plugged back. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

Gross_1_RC_SR_Writeup_20230830055605.pdf

Gross 1
30-045-10856
NMSF078243
SR Recomplete

6/18/2023: MIRU. CK PRESSURES (SITP: 60 PSI SICP: 90 PSI SIBH: 0 PSI). ND WH. NU BOP. DID NOT TAG FILL. SDFN.

6/19/2023: CK PRESSURES (SITP: 90 PSI SICP: 140 PSI SIBH: 0 PSI). SCAN TBG OOH. RIH W/SCRAPER T/6755'. SDFN

6/20/2023: CK PRESSURES (SITP: 0 PSI SICP: 120 PSI SIBH: 0 PSI). TIH & SET CIBP @ 6690'. PMP 150 BBLS OF BIOCID E H₂O, COULD NOT LOAD HOLE. RIH W/PKR, PT CIBP, GOOD TST. START HOLE HUNTING. SDFN.

6/21/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). CONT HOLE HUNTING. SDFN

6/22/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). CONT HOLE HUNTING. SDFN

6/23/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). ISOLATE CSG LEAK 5811'-5842', 6312'-6375' AND 6509'-6676'. SDFN

6/26/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). TIH & LATCH RBP. SET PKR @ 5057'. PT CSG T/580 PSI F/30 MINS. PT CSG F/5057' T/SURF, PRESSURE INCREASED DUE TO HEAT. RELEASE RBP & TOO H. SDFN. APPROVAL GIVEN TO ABANDON DAKOTA PERFORATIONS DUE TO CSG LEAKS (SEE ATTACHED).

6/27/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). TIH W/MULE SHOE COLLAR T/6676'. SDFN

6/28/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). MIX & PUMP 100 SXS CLASS G CMT 1.59 YIELD 15.3#, 20.2 BBLS SLURRY. DISPLACE W/7 BBLS OF H₂O. TOO H 15 STANDS T/5737', FLUSH W/2 BBLS. TOO H W/15 MORE STANDS T/4791', FLUSH WITH 2 BBLS. CMT JOB WITNESSED BY CASEY ARNETT W/BLM. WOC. TIH & TAG CMT @ 5695'. SDFN

6/29/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). RUN CBL. RU WELL CK & ATTEMPT MIT F/5695' T/SURF. TST FAILED. SDFN. APPROVAL GIVEN TO PMP CMT ON TOP OF RETAINER @ 5675' (SEE ATTACHED).

6/30/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). TIH W/CMT RETAINER & SET @ 5675'. ATTEMPT TO INJECT, NO SUCCESS. TOO H. RIH & DUMP BAIL 25' CMT ON CMT RETAINER 5675'-5650'. SDFN

7/1/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). TIH W/TBG. PT CSG T/620 PSI F/30 MINS, NO LEAK OFF. SDFN

7/3/2023: CONDUCT MIT, 545 PSI F/30 MINS. TEST WITNESSED AND PASSED BY JOHN DURHAM/NMOCD.

7/6/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). TOO H W/TBG. TIH & SET CIBP @ 4814'. PT CSG T/3400 F/30 MINS, GOOD TST. SDFN

7/7/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). ND BOP. NU NIGHT CAP. WAIT ON FRAC

8/14/2023: CK PRESSURES (SITP: N/A SICP: 0 PSI SIBHP: 0 PSI). MIRU FRAC CREW. RIH AND PERFORATE 1ST STAGE POINT LOOKOUT (4599'- 4750') INTERVAL W/32 SHOTS, 0.35" DIA @ 1 SPF, AS FOLLOWS: 4750-4751- 2 SHOTS, 4646-4747- 2 SHOTS, 4721-4723- 3 SHOTS, 4662-4664- 3 SHOTS, 4655- 4657- 3 SHOTS, 4639- 4642- 4 SHOTS, 4628- 4630- 3 SHOTS, 4620-4623- 4 SHOTS, 4610- 4613- 4 SHOTS, 4599-

Gross 1
30-045-10856
NMSF078243
SR Recomplete

4602- 4 SHOTS. POINT LOOKOUT STIMULATION: (4599' TO 4750') STAGE 1 FRAC AT 65 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 898 BBLS TOTAL ACID: 500 GAL TOTAL SLICKWATER: 886 BBLS TOTAL 20/40 SAND: 101,912 LBS TOTAL N2: 1,114,000 SCF. RIH W/ PLUG AND GUN TANDEM. SET ISO PLUG @ 4575'. PERF 2ND STAGE MENELEE (4330' – 4557') INTERVAL W/32 SHOTS, 0.35" DIA @ 1 SPF AS FOLLOWS: 4554-4557- 4 SHOTS, 4539-4542- 4 SHOTS, 4497-4500- 4 SHOTS, 4452-4455- 4 SHOTS, 4439- 4442- 4 SHOTS, 4427- 4430- 4 SHOTS, 4327- 4330- 4 SHOTS. MENELEE STIMULATION: (4330' TO 4557') STAGE 2 FRAC AT 60 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 874 BBLS TOTAL ACID: 500 GAL TOTAL SLICKWATER: 862 BBLS TOTAL 20/40 SAND: 146,960 LBS TOTAL N2: 1,219,000 SCF. RD FRAC CREW.

8/15/2023: CK PRESSURES (SICP-3500, SITP 0, SIBHP-0). ND FRAC Y. NU BOP & FT, GOOD TST. TIH & TAG FILL @ 4565'. RU PWR SWVL & EST CIRC. CO TO TOP OF PLUG 1. DO PLUG @ 4575'. CIRC CLEAN. SDFN

8/16/2023: CK PRESSURES (SITP- 0 PSI. SICP- 450 PSI. SIBHP 0 PSI). TIH & TAG FILL @ 4698'. EST CIRC CO TO TOP OF PLUG 2. DO PLUG @ 4814'. CIRC CLEAN. CONT CO F/5595' T/NEW PBTD @ 5650'. TIH W/148 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 4720'. SN @ 4719'. PBTD @ 5650'. ND BOP. NU WH. SDFN

8/17/2023: CK PRESSURES (SITP- 0 PSI. SICP- 450 PSI. SIBHP 0 PSI). PMP 5 BBLS AHEAD W/5 GAL CORROSION INHIBITOR, DROPPED BALL, PT TBG STRING T/500 PSI. GOOD TST. POPPED OFF CK @ 8500 PSI. UNLOAD WELL. RDRR. HAND OVER TO OPERATIONS.

THIS WELL IS NOW PRODUCING AS A STANDALONE MESAVERDE. THE DK HAS BEEN PLUGGED BACK

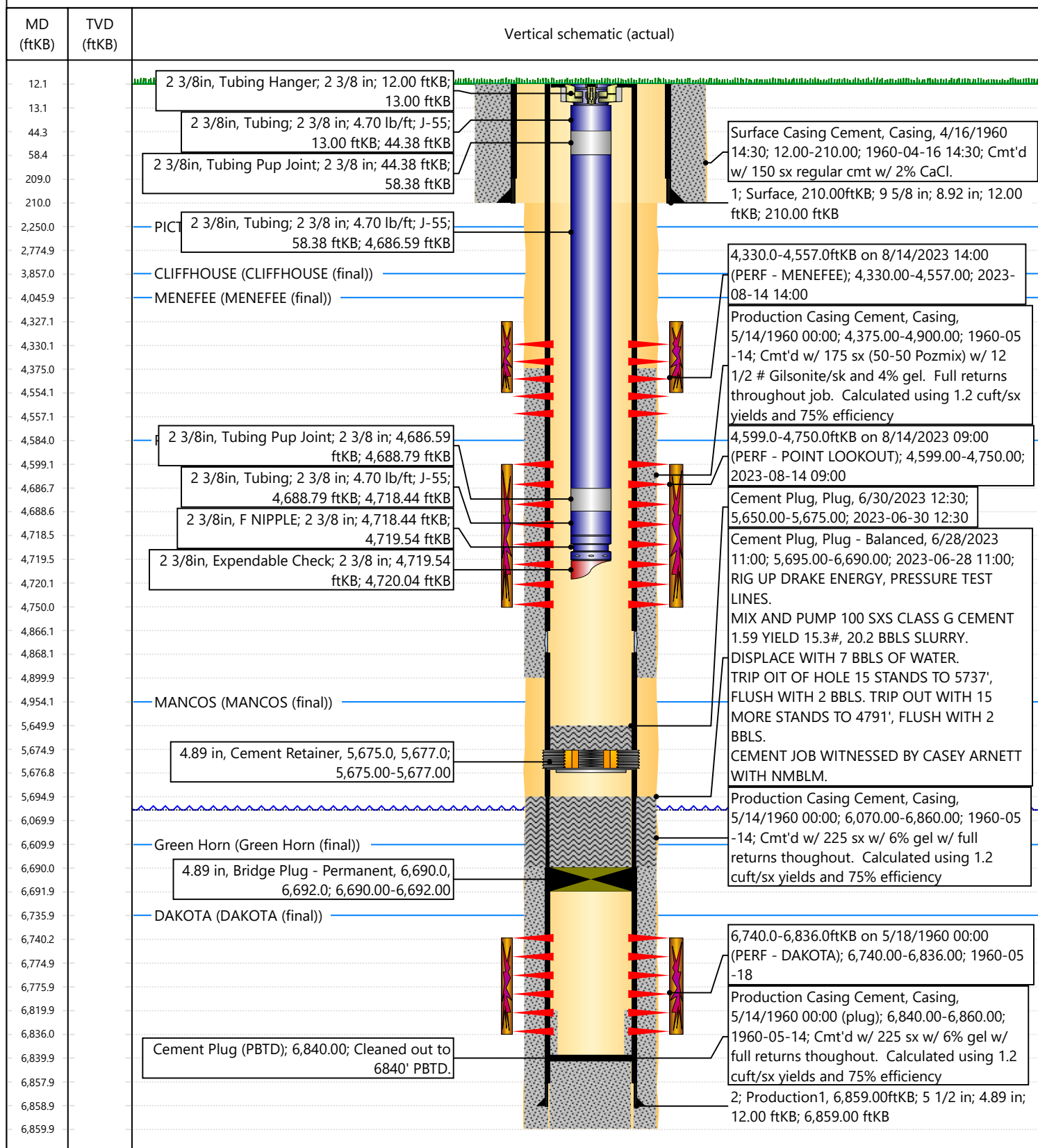


Current Schematic - Version 3

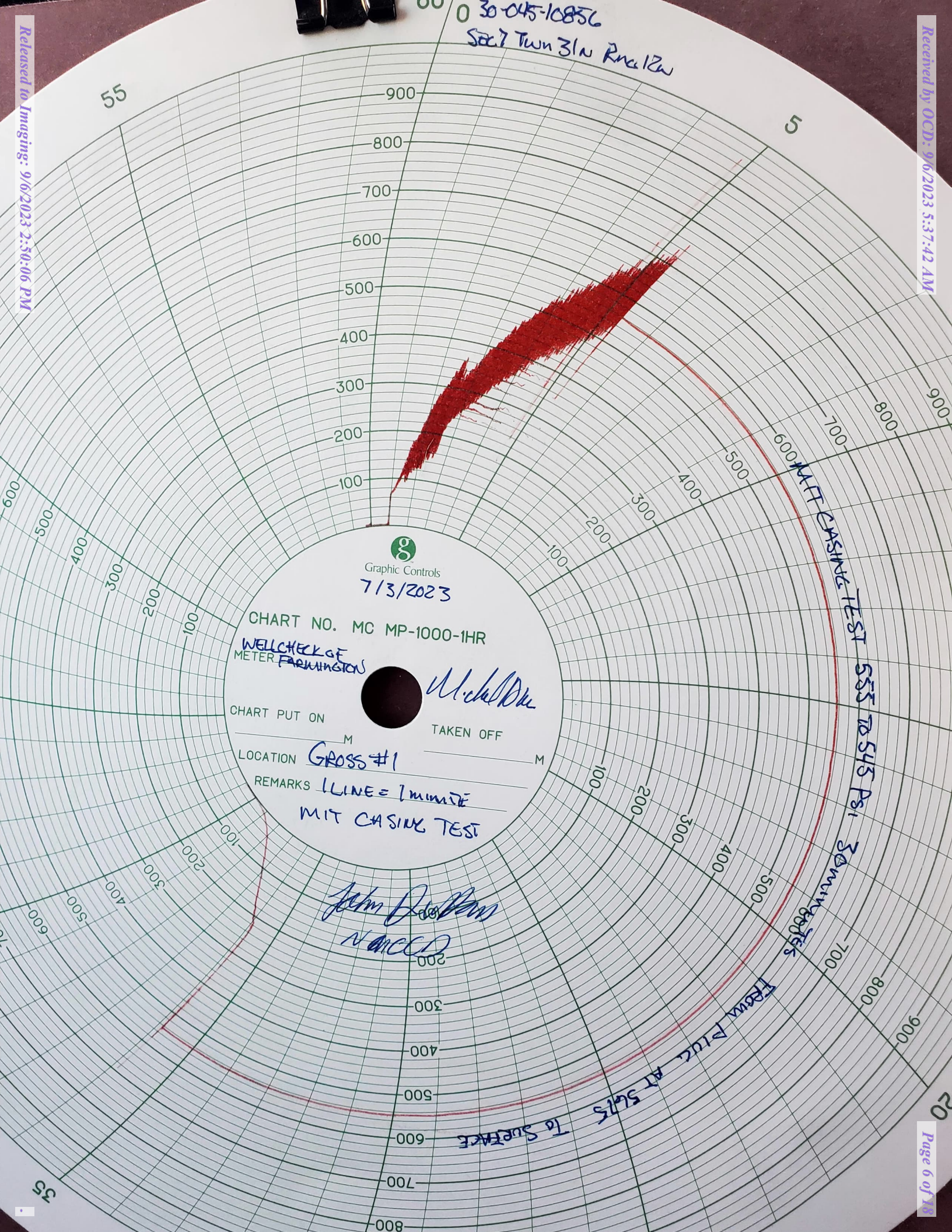
Well Name: GROSS #1

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	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [Vertical]



30-045-10856
Sec 7 Twn 31n Rng 12w



Graphic Controls
7/3/2023

CHART NO. MC MP-1000-1HR

WELL CHECK OF
METER FARMINGTON

CHART PUT ON

TAKEN OFF

LOCATION GROSS #1

REMARKS 1 LINE = 1 minute
MIT CASING TEST

John D. [unclear]
N. [unclear]

From PUC AT 545
To SURFACE

MIT CASING TEST
555 TO 545 PSI
30 minutes

Mandi Walker

From: Kuehling, Monica, EMNRD
Sent: Wednesday, July 5, 2023 11:57 AM
To: Rennick, Kenneth G; Amanda Atencio; Kade, Matthew H
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

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

NMOCD approval is given to recomplete in MV formation through perforations from 4000 to 4764 feet.

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District

From: Rennick, Kenneth G
Sent: Wednesday, July 5, 2023 10:14 AM
To: Amanda Atencio ; Kuehling, Monica, EMNRD ; Kade, Matthew H
Cc: Mandi Walker
Subject: Re: [EXTERNAL] Gross 01 (API: 3004510856)

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

From: Amanda Atencio
Sent: Wednesday, July 5, 2023 9:37 AM
To: Kuehling, Monica, EMNRD ; Rennick, Kenneth G; Kade, Matthew H
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

Hello Monica, Kenny, and Matthew

Attached is the CBL that was ran during the recompleat wellbore prep for the Gross 01. A witnessed MIT was performed and was approved by OCD rep John Durham on 07/03/23. Hilcorp is requesting permission to move forward with the recompleat by perforating from 4000' – 4764'.

Note: BLM and OCD verbal approval was received to proceed with casing leak remediation by setting a cement retainer at 5675' with dump bail of 25' of cement on top of the retainer. This work was completed on Friday 6/30/23 (approval given by Kenny Rennick/BLM & Monica Kuehling/OCD).

Thank you,

Amanda Atencio

Operations Engineer – SJN
Hilcorp Energy Company

From: Amanda Atencio
Sent: Friday, June 30, 2023 8:29 AM
To: Kuehling, Monica, EMNRD ; Rennick, Kenneth G; Kade, Matthew H
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

We tagged cement at 5695'.

From: Kuehling, Monica, EMNRD
Sent: Friday, June 30, 2023 8:23 AM
To: Amanda Atencio ; Rennick, Kenneth G ; Kade, Matthew H
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

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

Amanda

Since there is no pressure test on this well – what depth was the tag on the cement?

Monica

From: Amanda Atencio
Sent: Thursday, June 29, 2023 4:29 PM
To: Kuehling, Monica, EMNRD ; Rennick, Kenneth G ; Kade, Matthew H
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

Monica – as a reminder, OCD/BLM approval was received to P&A this well to 5811’.

From: Kuehling, Monica, EMNRD
Sent: Thursday, June 29, 2023 5:23 PM
To: Amanda Atencio ; Rennick, Kenneth G ; Kade, Matthew H
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

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

A cement retainer at 5675 is approved to squeeze hole underneath – however it will need to be removed once cement is ran and drilled out - an MIT is required from 6690 to surface prior to any recompletion work – cement retainer at 5675 cannot remain in the wellbore

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District

From: Amanda Atencio
Sent: Thursday, June 29, 2023 3:48 PM
To: Rennick, Kenneth G ; Kuehling, Monica, EMNRD ; Kade, Matthew H
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

Monica/Kenny,

After pumping the cement plug on the Gross 1, we attempted to MIT the casing and found that we still have a slow leak coming from the top of the plug. We would like to request permission to set a cement retainer at 5675’ and attempt to establish injection. If we are unable to establish injection, we request permission to dump bail 25’ of cement on top of the retainer to remediate the leak.

Please let us know if you need additional information.

Thank you,

Amanda Atencio

Operations Engineer – SJN
Hilcorp Energy Company

From: Rennick, Kenneth G
Sent: Monday, June 26, 2023 1:10 PM
To: Mandi Walker ; Amanda Atencio ; Kuehling, Monica, EMNRD ; Kade, Matthew H
Subject: Re: [EXTERNAL] Gross 01 (API: 3004510856)

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

Sundry 2737933 has been approved.

Thank you!

Kenny Rennick

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

From: Mandi Walker
Sent: Monday, June 26, 2023 11:52 AM
To: Amanda Atencio ; Rennick, Kenneth G ; Kuehling, Monica, EMNRD ; Kade, Matthew H
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

Kenny, I have filed the revised NOI (under plug back), the sundry id is 2737933.

Thanks!

Mandi

From: Amanda Atencio
Sent: Monday, June 26, 2023 12:34 PM
To: Rennick, Kenneth G ; Kuehling, Monica, EMNRD ; Kade, Matthew H
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Gross 01 (API: 3004510856)

Hello Kenny,

Please see the revised NOI attached.

Action Type: P&A Dakota perforations/Recomplete to the Mesa Verde formation.
New proposed PBSD: 5,811'.

Please let me know if you have any questions or need additional information.

Thank you!

Amanda Atencio

Operations Engineer – SJN
Hilcorp Energy Company

From: Rennick, Kenneth G
Sent: Monday, June 26, 2023 9:42 AM
To: Amanda Atencio ; Kuehling, Monica, EMNRD ; Kade, Matthew H
Cc: Mandi Walker
Subject: Re: [EXTERNAL] Gross 01 (API: 3004510856)

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

Hello Amanda,

I hope all is well!

Because of the interval length, the BLM will required a Notice of intent for this work. Action type, Plug Back.

Let me know if you need clarifications.

Kenny Rennick

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

From: Amanda Atencio
Sent: Monday, June 26, 2023 7:20 AM
To: Kuehling, Monica, EMNRD ; Rennick, Kenneth G ; Kade, Matthew H
Cc: Mandi Walker
Subject: [EXTERNAL] Gross 01 (API: 3004510856)

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

Good morning Monica, Kenny, & Matthew,

During recompleting operations on the Gross 01 – we identified casing leaks from 5811'-5842', 6312'-6375', and 6509'-6676'. As such, we would like to request permission to abandon the Dakota perforations and plug the well up to 5811' with cement, before continuing with the recompletion to the Mesaverde formation.

Please let us know if you need additional information.

Thank you,

Amanda Atencio

Operations Engineer – SJN
Hilcorp Energy Company

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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

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: AUG 30, 2023 05:56 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 08/30/2023

Signature: Matthew Kade

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)

(505) 599-3400

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface

N (SESW) 845' FSL & 1650' FWL

At top prod. Interval reported below

At total depth

14. Date Spudded

4/15/1960

15. Date T.D. Reached

5/25/1960

16. Date Completed

8/17/2023☐ D & A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

5900' GL

18. Total Depth:

6860'

19. Plug Back T.D.:

NEW 5650'

20. Depth Bridge Plug Set:

MD

6690'

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8", H-40	36#		210'		150 sx			
7 7/8"	5 1/2", J-55	17#		6859'		400 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"	4720'							



25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MENEFEE	4330'	4557'	1 SPF	0.35"	32	Open
B) POINT LOOKOUT	4599'	4750'	1 SPF	0.35"	32	Open
C)						
D)						



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

Depth Interval	Amount and Type of Material
MENEFEE (4330' TO 4557')	FRAC AT 60 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 874 BBLS TOTAL ACID: 500 GAL TOTAL SLICKWATER: 862 BBLS TOTAL 20/40 SAND: 146,960 LBS TOTAL N2: 1,219,000 SCF.
POINT LOOKOUT (4599' TO 4750')	FRAC AT 65 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 898 BBLS TOTAL ACID: 500 GAL TOTAL SLICKWATER: 886 BBLS TOTAL 20/40 SAND: 101,912 LBS TOTAL N2: 1,114,000 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
8/17/2023		3		0	82	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
15/64"	SI 25	SI 380		0	528	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI								

*(See instructions and spaces for additional data on page 2)

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
Pictured Cliffs	2250'	3857'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2250'
Cliffhouse	3857'	4046'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3857'
Menefee	4046'	4584'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4046'
Point Lookout	4584'	4945'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4584'
Mancos	4945'	6610'	Dark gry carb sh.	Mancos	4945'
Greenhorn	6610'	6736'	Highly calc gry sh w/ thin lmst.	Greenhorn	6610'
Dakota	6736'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6736'
Morrison			Interbed grn, brn & red waxy sh & fine to coard gm ss	Morrison	'

32. Additional remarks (include plugging procedure):


**Well is now producing as a Standalone MV. The DK has been plugged back.
MV: NMSF-078243**

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 Wakjer Title Operations/Regulatory Technician - Sr.

Signature  Date 8/30/2023

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.

(Continued on page 3)

(Form 3160-4, page 2)

Mandi Walker

From: blm-afmss-notifications@blm.gov
Sent: Wednesday, August 30, 2023 4:41 PM
To: Mandi Walker
Subject: [EXTERNAL] Well Name: GROSS, Well Number: 1, Notification of Well Completion Acceptance

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: **GROSS**
- Well Number: **1**
- US Well Number: **3004510856**
- Well Completion Report Id: **WCR2023083089167**

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

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

ACKNOWLEDGMENTS

Action 262167

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 262167
	Action Type: [C-104] Completion Packet (C-104C)

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.

District I
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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 262167

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 262167
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	9/6/2023