

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 30-045-11007	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)		⁶ Pool Code 72319
⁷ Property Code 319376	⁸ Property Name Mitchell		⁹ Well Number 1

II. ¹⁰ Surface Location

UL or lot no. N	Section 05	Township 31N	Range 12W	Lot Idn	Feet from the 790	North/SouthLine SOUTH	Feet from the 1850	East/West line WEST	County San Juan
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township N	Range W	Lot Idn	Feet from the	North/SouthLine SOUTH	Feet from the	East/West line WEST	County Rio Arriba
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
151618	Enterprise	G

IV. Well Completion Data

²¹ Spud Date 9/30/1961	²² Ready Date 5/29/2022	²³ TD MD 7021'	²⁴ PBTD MD 6996'	²⁵ Perforations 4698'- 4798'	²⁶ DHC, MC DHC 5001
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
15"		9 5/8", 32.3#, H-40		192'	
7 7/8"		5 1/2", 14-15.5#, J-55		7020'	
"		", #,		'	
		2 3/8", 4.7#, J-55		6889'	

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 5/29/2022	³³ Test Date 5/29/2022	³⁴ Test Length 24hr	³⁵ Tbg. Pressure SI-292psi	³⁶ Csg. Pressure SI-302psi
³⁷ Choke Size 48/64"	³⁸ Oil 0	³⁹ Water 16 bwpd	⁴⁰ Gas 106 mcf/d		⁴¹ Test Method N/A
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: John Garcia		
Title: Operations Regulatory Tech Sr.			Title: Petroleum Engineer		
E-mail Address: mwalker@hilcorp.com			Approval Date: 7/22/2022		
Date: 06/24/2022		Phone: (346) 237-2177			

Well Name: MITCHELL	Well Location: T31N / R12W / SEC 5 / SESW / 36.922867 / -108.120712	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM019413	Unit or CA Name: MITCHELL	Unit or CA Number: NMNM73711
US Well Number: 3004511007	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2677046

Type of Submission: Subsequent Report	Type of Action: Recompletion
Date Sundry Submitted: 06/15/2022	Time Sundry Submitted: 11:37
Date Operation Actually Began: 04/11/2022	

Actual Procedure: The following project has been recompleted into the Blanco Mesaverde and downhole commingled with the existing Basin Dakota under DHC 5001. Please see the attached recompletion operations.

SR Attachments

Actual Procedure

MITCHELL_1_SR_RC_WRITEUP_20220615113613.pdf

Well Name: MITCHELL	Well Location: T31N / R12W / SEC 5 / SESW / 36.922867 / -108.120712	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM019413	Unit or CA Name: MITCHELL	Unit or CA Number: NMNM73711
US Well Number: 3004511007	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: JUN 15, 2022 11:37 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: Accepted	Disposition Date: 06/23/2022
Signature: Kenneth Rennick	

MITCHELL 1
30-045-11007
NMNM019413
SR MV RC

4/11/2022: MIRU. CK WELL PRESSURES (SITP: 80 PSI SICP: 110 PSI SIBH: 0 PSI). ND WH. NU BOPE & TST, GOOD TST. PULL & LD TBG HANGER. TAG 68' FILL @ 6928'. RU TUBOSCOPE & SCAN TBG OOH. PU 4 3/4" CSG SCRAPER & TIH. SDFN.

4/12/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 167 PSI SIBH: 0 PSI). FINISH TIH T/6845'. TOO H. SHUT DWN DUE TO WIND. SDFN.

4/13/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 150 PSI SIBH: 0 PSI). TOO H W/SCRAPER. PU CIBP & SET @ 6802'. LOAD HOLE W/154 BBLS 2% KCL H2O CIRC CLEAN. PT CIBP & CSG T/600 PSI, GOOD TST. TOO H W/SETTING TOOL. RU BASIN WL & RUN CBL F/6802' T/SURF. SDFN.

4/13/2022: EMAIL COMMUNICATION SENT TO MONICA KUEHLING & KATE PICKFORD @ NMOC D AND KENNY RENNICK @ BLM UPDATE PERF RANGE BASED ON CBL. APPROVAL GIVEN BY ALL AGENCIES ON 4/14/2022 TO UPDATE PERF RANGE TO 4600' – 4810'.

4/14/2022: CK WELL PRESSURES (SITP: 0 PSI SIICP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). RU WELL CHECK & MIT CSG, 555 PSI FOR 30/MINS. TST WITNESSED BY LENNY MOORE W/NMOC D. TST GOOD. CHANG OUT WH. NU TBG HEAD, PT, GOOD TST. NU BOPE, PT, GOOD TST. PU CBP & SET @ 4860'. TOO H. SDFN.

4/18/2022: CK WELL PRESSURES (SITP: 0 PSI SIICP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). RU BASIN WL. PERFORATE POINT LOOKOUT, 1SPF, 0.42 DIA, 23 SHOTS AS FOLLOWS: 4698, 4700, 4702, 4704, 4706, 4708, 4710, 4728, 4730, 4732, 4734, 4736, 4738, 4740, 4742, 4744, 4786, 4788, 4790, 4792, 4794, 4796, 4798. PU PLK & SET @ 4856'. ND BOPE. PU CSG T/400 PSI, MAINTAIN 200 PSI ON CSG.

4/19/2022: CK WELL PRESSURES (SITP: 0 PSI SIICP: 0 PSI SICP: 0 PSI SIBH: 0 PSI). NU BOPE, TST, GOOD TST. TOO H W/2 7/8" FRAC STRING. PU PKR & TIH W/2 7/8" JTS. SET PKR. EOT @ 4630' CBP @ 4860'. PU ON CSG T/500 PSI, GOOD TST. RU EXPERT DOWNHOLE & BREAK OUT RUPTURE DISC. RDRR @ 18:00 HRS. WAIT ON FRAC.

5/24/2022: MIRU FRAC CREW. CK WELL PRESSURES (SITP: 0 PSI SICP: 281 PSI SIBHP: 0 PSI). POINT LOOKOUT STIMULATION (4698' – 4798') INITIAL SHUT IN PRESSURE: 1759 PSI 5 MIN SIP- 1223 PSI 10 MIN SIP- 1080 FG AT SHUT IN: .842 PSI/FT FRAC ZONE WITH 238,267 GALLONS OF 70 Q FOAM AT 60 BPM. PROPPANT: 300,280 LBS. OF PREMIUM 20/40 SAND. TOTAL N2: 2,302,165 SCF. FLUSH: 36 BBLS. MAX. RATE: 60 BPM. AVG. RATE: 60 BPM. MAX. PSI: 7087 PSI. AVG. PSI: 5350 PSI. MAX. SAND CONC: 2.8 PPG DOWNHOLE. FLUID TO RECOVER: 1743 CLEAN BBLS. RDR FRAC CREW.

5/25/2022: CK WELL PRESSURES (SITP- 110 PSI SICP: 50 PSI SIBHP: 0 PSI). TO WINDY TO RAISE DERRICK. SDFN.

5/26/2022: FINISH MIRU. CK WELL PRESSURES (SITP- 550 PSI, SICP- 650 PSI, SIBHP- 0 PSI). ND FRAC STACK. NU BOPE & TST, GOOD TST. RELEASE PKR. KILL WELL W/35 BBLS 2% KCL H2O DWN TBG STRING. TOO H W/FRAC STRING. MU JUNK ASSEMBLY. TIH T/4698 (PLUG @ 4860'). SDFN.

5/27/2022: CK WELL PRESSURES (SITP- 0 PSI. SICP- 220 PSI. SIBHP- 0 PSI). CONT TIH. TAGGED @ 4757'. RU PWR SWVL & EST CIRC, DO CBP @ 4860'. CONT CO. START DRILLING ON CIBP @ 6802'. PULL MILL T/6474'. SDFN.

5/28/2022: CK WELL PRESSURES (SITP- 0 PSI. SICP- 400 PSI. SIBHP- 0 PSI). TIH & TAG CIBP @ 6802' CONT DO OPERATIONS. TAG @ 6934' CO F/6934 T/6996' PBTD. DRY UP HOLE. TIH W/216 JTS 2 3/8" 4.7# J-55 TBG. EOT @ 6889', SN @ 6886'. ND BOP. NU TBG HEAD. PMP 5 BBLS H2O DROP BALL, PSI UP T/500, PMP OFF CK @ 1100 PSI. RDRR @ 21:30. HAND OVER TO OPERATIONS.



Schematic - Current

Well Name: MITCHELL #1

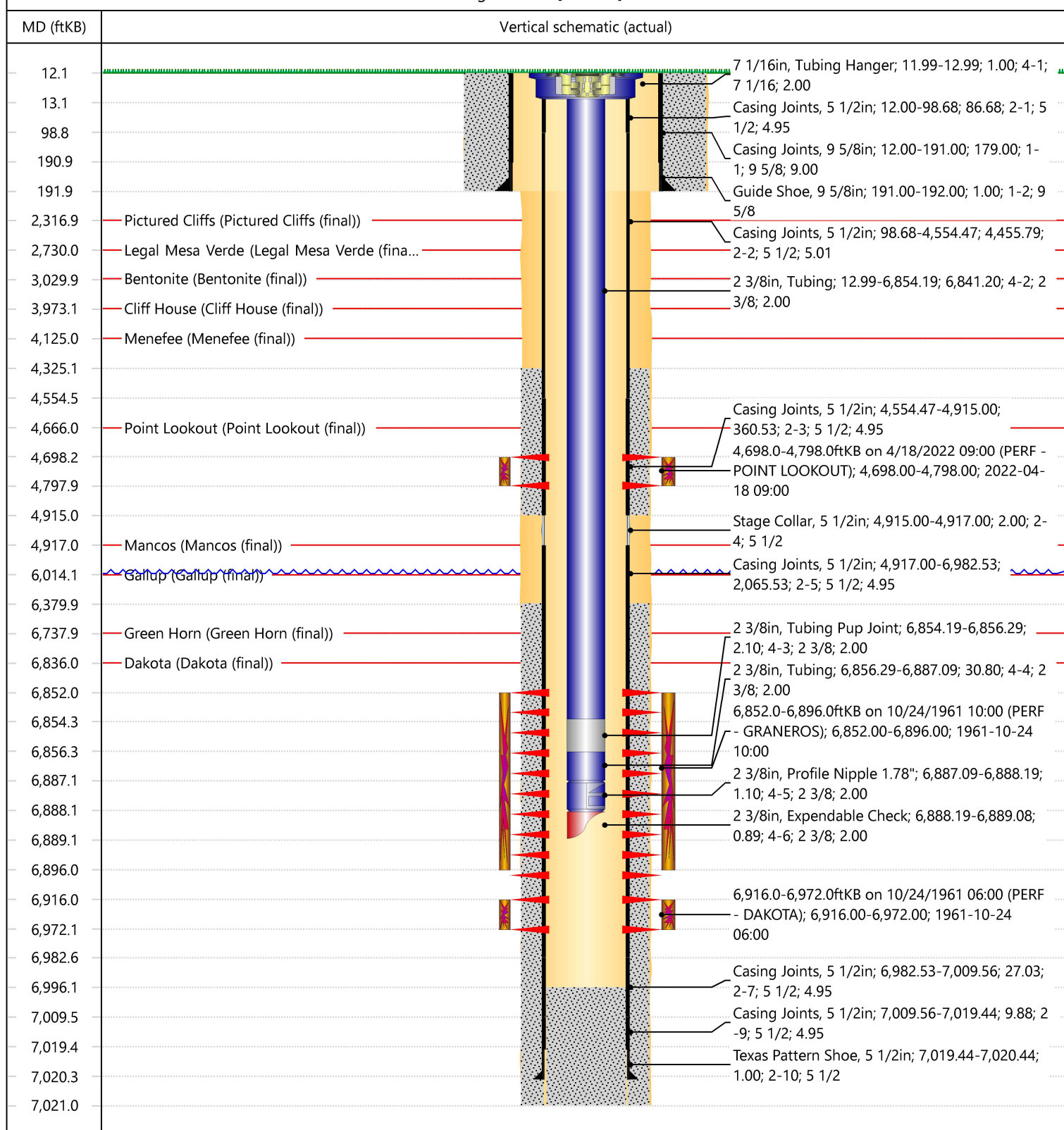
API / UWI 3004511007	Surface Legal Location N-5-31N-12W	Field Name BASIN	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB/RT Elevation (ft) 5,959.00	KB-Ground Distance (ft) 12.00	Original Spud Date 9/30/1961 21:30	Rig Release Date	PBTD (All) (ftKB) Original Hole - 6,996.0	Total Depth All (TVD) (ftKB)

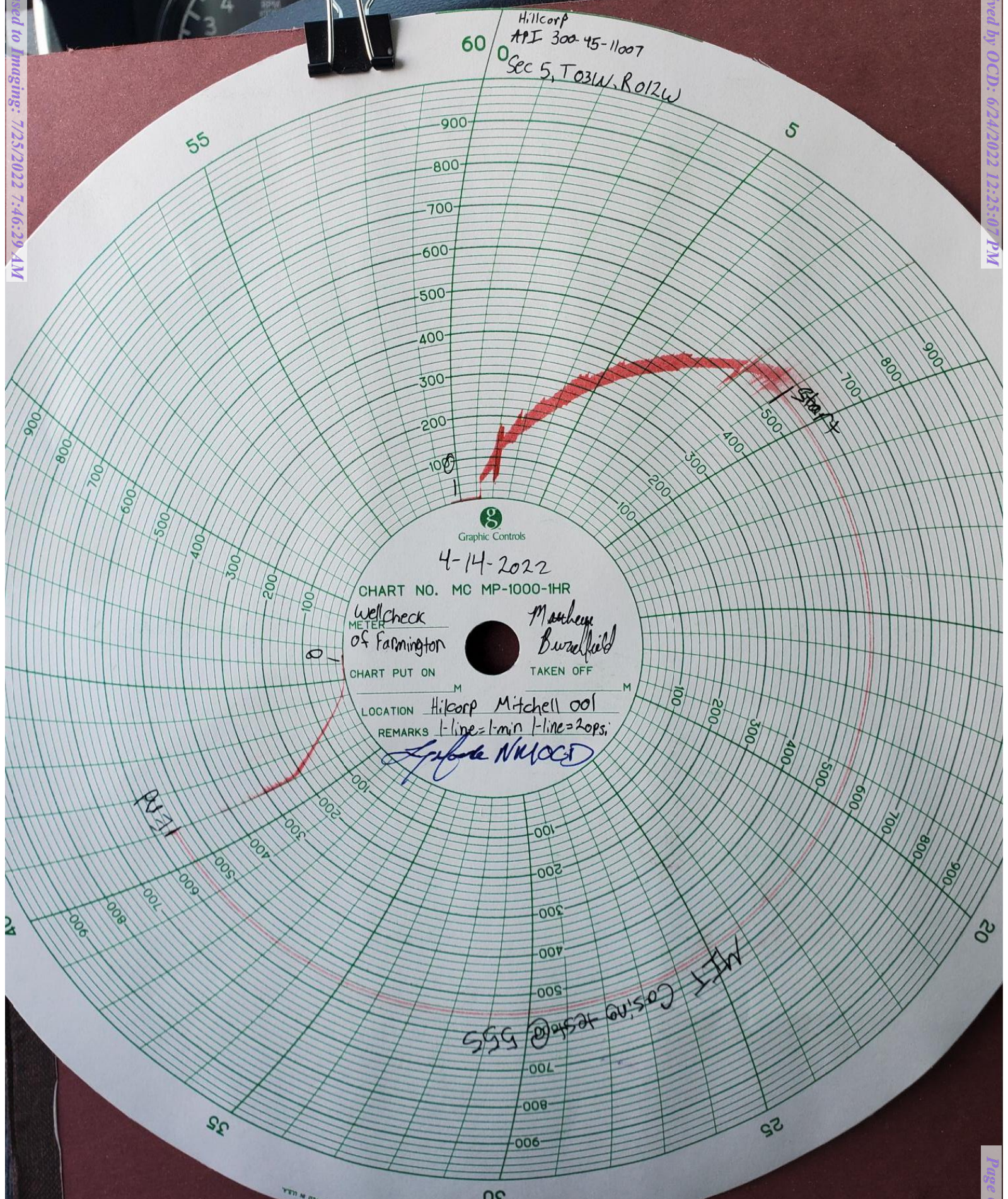
Most Recent Job

Job Category Capital Workover	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 4/11/2022	End Date 5/28/2022
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TD: 7,021.0

Original Hole [Vertical]





Hillcorp
API 300-45-11007
Sec 5, T03W, R012W

Graphic Controls
4-14-2022
CHART NO. MC MP-1000-1HR
Wellcheck of Farmington
Mather
Burrell
CHART PUT ON
TAKEN OFF
LOCATION Hillcorp Mitchell 001
REMARKS 1-line=1-min 1-line=2-ops
L. N. MOGD

MTT casing test @ 555

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NMNM019413

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.,

Other: **RECOMPLETION**

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)

(505) 599-3400

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

MITCHELL 1

9. API Well No.

30-045-11007

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

At surface

790' FSL & 1850' FWL

At top prod. Interval reported below

At total depth

10. Field and Pool or Exploratory

BLANCO MESAVERDE

11. Sec., T., R., M., on Block and
Survey or Area

N, SEC. 5, T31N, R12W

12. County or Parish

San Juan

13. State

New Mexico

14. Date Spudded

9/30/1961

15. Date T.D. Reached

11/16/1961

16. Date Completed

5/28/2022

☐ D & A

☒ Ready to Prod.

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

5947'

18. Total Depth:

7021'

19. Plug Back T.D.:

6996'

20. Depth Bridge Plug Set:

MD

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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
15"	9 5/8" H-40	32.3		192'		90 SX			
7 7/8"	5 1/2"	14-15.5		7020'		239 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"	6889'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) POINT LOOKOUT	4698'	4798'	1 SPF	0.42	23	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4698' - 4798'	FRAC ZONE WITH 238,267 GALLONS OF 70 Q FOAM AT 60 BPM. PROPPANT: 300,280 LBS. OF PREMIUM 20/40 SAND.

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
5/29/2022	5/29/2022	24	→	0	106	16			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
48/64	SI-292	SI-302	→	0	106	16			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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(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):				31. Formation (Log) Markers	
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.					

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	474	549	White, cr-gr ss	Ojo Alamo	474
Kirtland	549	1682	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	549
Fruitland	1682	2317	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1682
Pictured Cliffs	2317	3973	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2317
Cliff House	3973	4125	Light gry, med-fine gr ss, carb sh & coal	Cliff House	3973
Menefee	4125	4666	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4125
Point Lookout	4666	4917	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4666
Mancos	4917	6014	Dark gry carb sh.	Mancos	4917
Gallup	6014	6738	Lt. gry to brn calc carb micac gluae silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6014
Greenhorn	6738	6836	Highly calc gry sh w/ thin lmst.	Greenhorn	6738
Dakota	6836	7236'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6836

32. Additional remarks (include plugging procedure):

WELL IS NOW PRODCING AS A MV/DK UNDER DHC 5001

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 Walker

Title

Operations/Regulatory Technician - Sr.

Signature

Date

06/15/2022

Mandi Walker

From: blm-afmss-notifications@blm.gov
Sent: Thursday, June 23, 2022 12:58 PM
To: Mandi Walker
Subject: [EXTERNAL] Well Name: MITCHELL, Well Number: 1, Notification of Well Completion Acceptance

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

§ Operator Name: [HILCORP ENERGY COMPANY](#)
§ Well Name: [MITCHELL](#)
§ Well Number: [1](#)
§ US Well Number: [3004511007](#)
§ Well Completion Report Id: [WCR2022062384852](#)

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 120328

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 120328
	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
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 120328

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 120328
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	7/22/2022