

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 30-045-32504	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)	
⁶ Pool Code 72319		
⁷ Property Code 318896	⁸ Property Name Hartman	⁹ Well Number 3

II. ¹⁰ Surface Location

UI or lot no. A	Section 26	Township 30N	Range 11W	Lot Idn 1	Feet from the 790	North/South Line North	Feet from the 890	East/West Line East	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

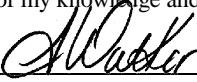
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	O
151618	Enterprise	G

IV. Well Completion Data

²¹ Spud Date 3/4/2005	²² Ready Date 4/23/2023	²³ TD 7275'	²⁴ PBTD 7228'	²⁵ Perforations 4562' – 4934'	²⁶ DHC, MC DHC-5275
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
12 1/4"		8 5/8", 24#, J-55		371'	
7 7/8"		5 1/2", 15..5#, J-55		7270'	
		2 3/8", 4.7#, J-55		6926'	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date 4/23/2023	³³ Test Date 4/23/2023	³⁴ Test Length 4 hrs	³⁵ Tbg. Pressure SI - 60	³⁶ Csg. Pressure SI - 340
³⁷ Choke Size 18/64	³⁸ Oil 0 bopd	³⁹ Water 0 bwpd	⁴⁰ Gas 62 mcfd		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: Sarah McGrath	
Title: Operations Regulatory Tech Sr.		Title: Petroleum Specialist - A	
E-mail Address: mwalker@hilcorp.com		Approval Date: 05/17/2023	
Date: 5/5/2023	Phone: 346-237-2177		

Well Name: HARTMAN	Well Location: T30N / R11W / SEC 26 / NENE / 36.788172 / -107.954599	County or Parish/State: SAN JUAN / NM
Well Number: 3	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080113	Unit or CA Name: HARTMAN A	Unit or CA Number: NMNM73844
US Well Number: 3004532504	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2729407

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/05/2023

Date Operation Actually Began: 01/25/2023

Type of Action: Recompletion

Time Sundry Submitted: 11:37

Actual Procedure: The following well has been recompleted into the Mesaverde as of 4/23/2023 and is now producing as a DHC with the existing MV/DK. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

Hartman_3_SR_Writeup_20230505113737.pdf

Well Name: HARTMAN	Well Location: T30N / R11W / SEC 26 / NENE / 36.788172 / -107.954599	County or Parish/State: SAN JUAN / NM
Well Number: 3	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080113	Unit or CA Name: HARTMAN A	Unit or CA Number: NMNM73844
US Well Number: 3004532504	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: MAY 05, 2023 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: 05/05/2023
Signature: Kenneth Rennick

Hartman 3
30-045-32504
NMSF080113
SR Recomplete

1/25/2023: MIRU. CK WELL PRESSURES (SITP: 165PSI SICP: 165 PSI SIBHP: 0 PSI). ND WH. NU BOP & FT, GOOD. SCAN OOH W/TBG. MU SCRAPER & TIH, EOT @ 5100'. SDFN.

1/26/2023: CK WELL PRESSURES (SITP: 0PSI SICP: 160 PSI SIBHP: 0 PSI). CONT TIH T/6800'. TOH W/SCRAPER. TIH & **SET CIBP @ 6773'**. TOO H W/TBG. SDFN.

1/27/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI). CONT TOO H W/TBG. ND BOP. NU WH. SD WO CBL/MIT.

3/10/2023: CK WELL PRESSURES (SITP: N/A SICP: 0 PSI SIBHP: 0 PSI). RIH & RUN USIT/CBL. CONDUCT MIT @ 560 PSI FOR 30 MINS. TST PASSED, WITNESSED BY LENNY MOORE/NMOCD. **SET CBP @ 5160'**. RD WL.

3/16/2023: EMAIL SENT TO MONICA/NMOCD AND KENNY/BLM PROVIDING CBL, REQUEST TO CONT W/RECOMPLETION OPERATIONS WITH PERF RANGE @ 4200' – 5100'. APPROVAL GIVEN FOR PERF RANGE OF 4250' – 5100'.

3/21/2023: CK WELL PRESSURES (SITP: N/A SICP: 0 PSI SIBHP: 0 PSI). ND WH. NU FRAC STACK. PT CSG T/4000 PSI, HELD FOR 13 MINS.

3/23/2023: CK WELL PRESSURES (SITP: N/A SICP: VAC SIBHP: 0 PSI). ND FRAC STACK. NU BOP & FT, GOOD TST. PU PKR TIH W/TBG, HOLE HUNT. 0-4200', GOOD. 4200' – 5160', FAIL. SDFN.

3/24/2023: CK WELL PRESSURES (SITP: VAC SICP: VAC SIBHP: 0 PSI). CONT HOLE HUNTING. LEAK ISOLATED BETWEEN 4719' & 4912', WITHIN POINT LOOKOUT PERFORATIONS. LD TBG T/4015', SET PKR. PT CSG F/4015' – SURF T/4000 PSI, GOOD. LD TBG AND PKR. CONDUCT BOP PT, GOOD TST. RDRR WO FRAC. **EMAIL SENT TO MONICA/NMOCD & KENNY/BLM TO INFORM OF LEAK DISCOVERED DURING FRAC STACK HIGH PRESSURE TEST. LEAK OFF WAS ISOLATED TO INTERVAL OF 4719' – 4912'. REQUEST PERMISSION TO INCLUDE LEAK OFF AS PART OF PERFORATIONS. APPROVAL GIVEN BY MONICA/NMOCD AND KENNY/BLM.**

4/18/2023: MIRU FRAC CREW. **PERF POINT LOOKOUT (4738' – 4934') INTERVAL W/24 SHOTS, 3 SPF, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE 3 SPF 120 DEGREE PHASING AT 4738', 4754', 4762', 4770', 4817', 4872', 4926', 4934'. ALL SHOTS FIRED. POINT LOOKOUT STIMULATION: (4738' TO 4934') FRAC AT 70 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 739 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 727 BBLS TOTAL 20/40 SAND: 107,128 LBS TOTAL N2: 780,000 SCF. RIH & SET CBP @ 4710'. PERF MENELEE (4562' – 4692') INTERVAL W/24 SHOTS, 3 SPF, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE 3 SPF 120 DEGREE PHASING AT 4562', 4574', 4592', 4604', 4618', 4626', 4686', 4692'. ALL SHOTS FIRED. MENELEE STIMULATION: (4562' TO 4692') FRAC AT 70 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 744 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 732 BBLS TOTAL 20/40 SAND: 102,353 LBS TOTAL N2: 1,100,000 SCF. RIH W/LN & SET CBP @ 4000'. RD WO CLEANOUT.**

4/19/2023: MIRU. CK WELL PRESSURES (SITP: N/A SICP: 700 PSI SIBHP: 0 PSI). ND FRAC STACK. NU BOP & PT, GOOD TST. PU MILL. TAG PLUG @ 4000'. LD 2 JTS, EOT @ 3944'. SDFN.

4/20/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). EST CIRC. **DO CBP @ 4000'** T/4002'. CIRC WELL CLEAN. CONT TIH, TAG 13' FILL @ 4697'. EST CIRC. CO T/CBP @ 4710'. **DO CBP @ 4710'**. CIRC WELL CLEAN. TOO H T/4257'. SDFN.

Hartman 3
30-045-32504
NMSF080113
SR Recomplete

4/21/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 900 PSI SIBHP: 0 PSI). TIH & TAG FILL @ 5035'/ EST CIRC CO. **DO CBP @ 5160'**. CIRC WELL CLEAN. TOH T/4387'. SDFN.

4/22/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 760 PSI SIBHP: 0 PSI). TIH TAG FILL @ 6769'. RU PWR SWVL. EST CIRC. **DO CIBP @ 6773'**. CONT TIH & CO T/7108' (PBDT). LD SWVL. TOOH EOT @ 4473'. SDFN.

4/23/2023: CK WELL PRESSURES (SITP: 60 PSI SICP: 340 PSI SIBHP: 0 PSI). TIH W/214 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 6926'. SN @ 6924'. PBDT @ 7108'. ND BOP. NU WH. PMP 10 BBLS DWN TBG. DROP PMP OFF BALL. PT TBG W/AIR T/500 PSI, GOOD. PMP OFF EXPENDABLE CK @ 895 PSI. UNLOADED WELL. RDRR HAND OVER TO OPERATIONS.



Schematic - Current

Well Name: HARTMAN #3

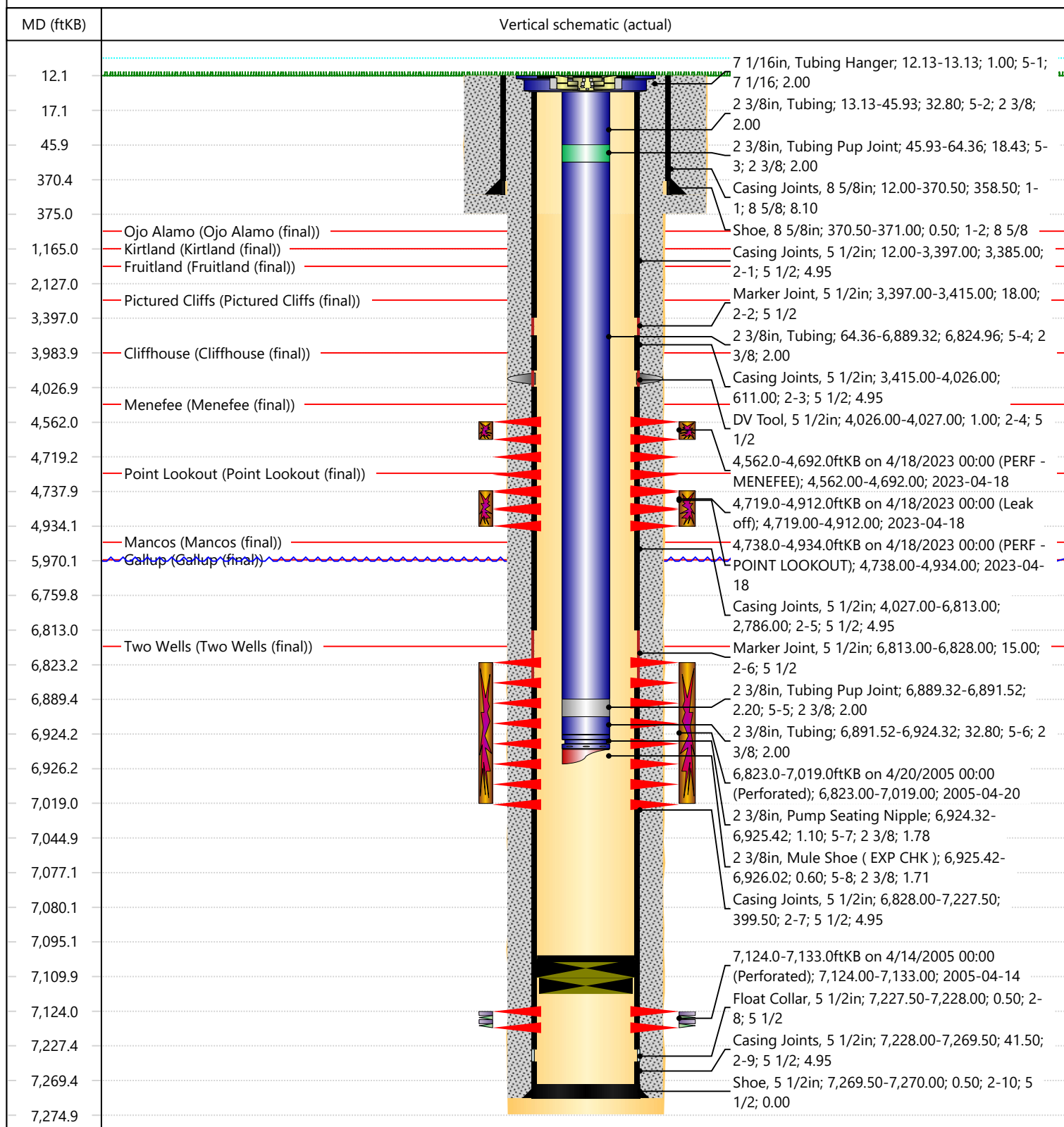
API / UWI 3004532504	Surface Legal Location T30N-R11W-S26	Field Name Basin Dakota	License No.	State/Province New Mexico	Well Configuration Type Vertical
Original KB/RT Elevation (ft) 6,031.00	KB-Ground Distance (ft) 12.00	Original Spud Date 3/4/2005 00:00	Rig Release Date 3/23/2005 00:00	PBTD (All) (ftKB) Original Hole - 7,108.0	Total Depth All (TVD) (ftKB)

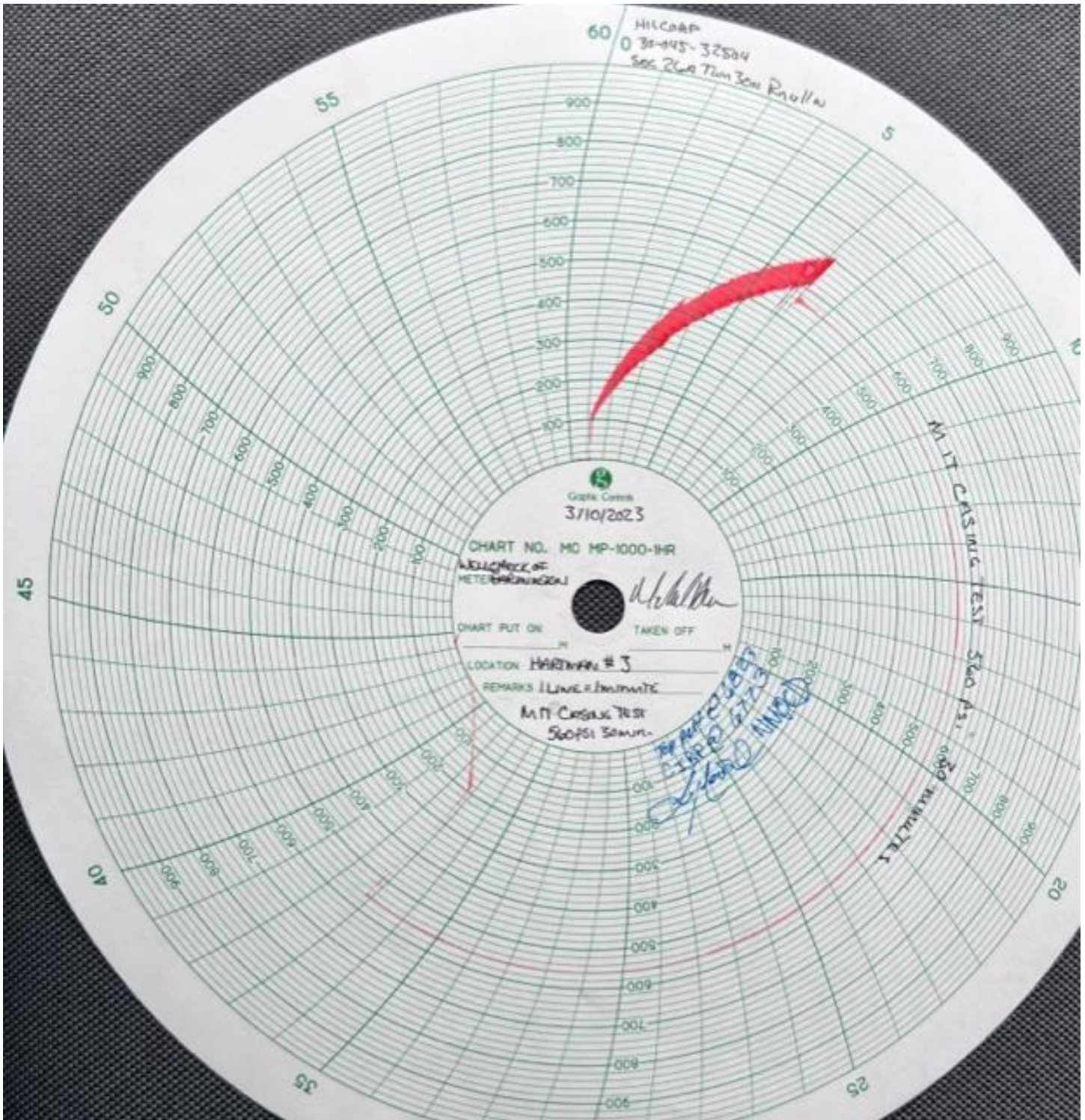
Most Recent Job

Job Category Capital Workover	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 1/25/2023	End Date 4/24/2023
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TD: 7,275.0

Original Hole [Vertical]





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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. NMSF080113	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr.,										6. If Indian, Allottee or Tribe Name	
Other: Recompletion										7. Unit or CA Agreement Name and No.	
2. Name of Operator Hilcorp Energy Company										8. Lease Name and Well No. Hartman 3	
3. Address 382 Road 3100, Aztec, NM 87410						3a. Phone No. (include area code) (505) 599-3400				9. API Well No. 30-045-32504	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface A (NENE) 790' FNL & 890' FEL At top prod. Interval reported below At total depth										10. Field and Pool or Exploratory Mesaverde	
										11. Sec., T., R., M., on Block and Survey or Area Sec. 26, 30N, 11W	
										12. County or Parish San Juan	13. State New Mexico
14. Date Spudded 3/4/2005				15. Date T.D. Reached 3/21/2005		16. Date Completed 4/23/2023 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6019' GL			
18. Total Depth: 7275'				19. Plug Back T.D.: 7228'			20. Depth Bridge Plug Set: MD TVD				
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL/ USIT							22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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		
12 1/4"	8 5/8" J-55	24		371'		224					
7 7/8"	5 1/2" J-55	15.5		7270'		1060					
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"	6926'										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Menefee		4562'	4692'	3 SPF		0.35	24	OPEN			
B) Point Lookout		4738'	4934'	3 SPF		0.35	24	OPEN			
C) Leakoff		4719'	4912'					OPEN			
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval			Amount and Type of Material								
MENEFEE (4562' - 4692')			FRAC AT 70 BPM W/ 70 Q N2 FOAM.								
POINT LOOKOUT (4738' - 4934')			FRAC AT 70 BPM W/ 70 Q N2 FOAM.								
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		
4/23/2023	4/23/2023	4	➡	0	62	0			Flowing		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
18/64th	SI 60	SI 340	➡	0	371	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. 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):

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
Ojo Alamo	1030	1165	White, cr-gr ss	Ojo Alamo	1030
Kirtland	1165	1962	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1165
Fruitland	1962	2437	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	1962
Pictured Cliffs	2437	3984	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2437
Cliff House	3984	4213	Light gry, med-fine gr ss, carb sh & coal	Cliff House	3984
Menefee	4213	4735	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4213
Point Lookout	4735	5114	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4735
Mancos	5114	6819	Dark gry carb sh.	Mancos	5114
Dakota	6819		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6819

32. Additional remarks (include plugging procedure):

This well is now producing as a Mesaverde/Dakota commingle under DHC 5275


MV# NMNM083986

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 5/5/2023

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.

Mandi Walker

From: blm-afmss-notifications@blm.gov
Sent: Friday, May 5, 2023 4:27 PM
To: Mandi Walker
Subject: [EXTERNAL] Well Name: HARTMAN, Well Number: 3, 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: **HARTMAN**
§ Well Number: **3**
§ US Well Number: **3004532504**
§ Well Completion Report Id: **WCR2023050588052**

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 214352

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 214352
	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 214352

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 214352
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	5/17/2023