

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

<sup>1</sup> Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		<sup>2</sup> OGRID Number 372171	
		<sup>3</sup> Reason for Filing Code/ Effective Date OAP	
<sup>4</sup> API Number 30-045-34196	<sup>5</sup> Pool Name Blanco Mesaverde		<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 318572	<sup>8</sup> Property Name Hubbell		<sup>9</sup> Well Number 3P

II. <sup>10</sup> Surface Location

UI or lot no. I	Section 18	Township 29N	Range 10W	Lot Idn 8	Feet from the 2175	North/South Line South	Feet from the 660	East/West Line East	County San Juan
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<sup>11</sup> 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.
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F		<sup>14</sup> Gas Connection Date		<sup>15</sup> C-129 Permit Number		<sup>16</sup> C-129 Effective Date		<sup>17</sup> C-129 Expiration Date

III. Oil and Gas Transporters


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

IV. Well Completion Data

<sup>21</sup> Spud Date 11/21/2007	<sup>22</sup> Ready Date 4/5/2024	<sup>23</sup> TD 6751'	<sup>24</sup> PBTD 6747'	<sup>25</sup> Perforations 4127' - 4731' Payadd Portion (4127' – 4381')	<sup>26</sup> DHC, MC 2643 AZ
<sup>27</sup> Hole Size		<sup>28</sup> Casing & Tubing Size		<sup>29</sup> Depth Set	
12 1/4"		9 5/8", 32.3#, H-40		290'	
8 3/4"		7, 20#, J-55		3988'	
6 1/4"		4 1/2", 10.5, J-55		6750'	
		2 3/8", 4.7#, J-55		6600'	

V. Well Test Data

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date 4/5/2024	<sup>33</sup> Test Date	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 199
<sup>37</sup> Choke Size 18/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 0	<sup>40</sup> Gas 205		<sup>41</sup> Test Method

<sup>42</sup> 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:	
Title: Operations Regulatory Tech Sr.		Title:	
E-mail Address: <a href="mailto:mwalker@hilcorp.com">mwalker@hilcorp.com</a>		Approval Date:	
Date: 4/10/2024	Phone: 346-237-2177		

Well Name: HUBBELL	Well Location: T29N / R10W / SEC 18 / NESE / 36.724845 / -107.918952	County or Parish/State: SAN JUAN / NM
Well Number: 3P	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078716A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004534196	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2784331

Type of Submission: Subsequent Report

Date Sundry Submitted: 04/10/2024

Date Operation Actually Began: 01/31/2024

Type of Action: Workover Operations

Time Sundry Submitted: 01:16

**Actual Procedure:** The following well has opened up additional perforations with in the Mesaverde formation. This well has been returned to production. Please see the attached payadd operations.

SR Attachments

Actual Procedure

Hubbell\_3P\_SR\_Writeup\_20240410131632.pdf

Well Name: HUBBELL	Well Location: T29N / R10W / SEC 18 / NESE / 36.724845 / -107.918952	County or Parish/State: SAN JUAN / NM
Well Number: 3P	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078716A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004534196	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: APR 10, 2024 01:16 PM
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: 04/11/2024
Signature: Kenneth Rennick	

Hubbell 3P  
30-045-34196  
NMSF078716A  
SR Recomplete

1/31/2024: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). MIRU. ND WH. NU BOP & PT, GOOD TST. TOO H W/TBG. TIH T/3050'. TAG CIBP @ 4438'. LD TBG T/4400'.

2/1/2024: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH & TAG FILL @ 4437'. EST CIRC W/AIR/FOAM. CO FILL TO TOP OF CIBP. CIRC CLEAN. TOO H W/TBG. PU & **SET RBP @ 6535'**. LOAD CSG W/30 BBL FW. TOO H W/TBG T/4416'.

2/2/2024: CK PRESSURES (SITP: 110 PSI SICP: 150 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH & **SET PKR @ 4776'**. LOAD TBG W/18 BBLs WATER. CONDUCT MIT F/6535' T/4776', CONDUCT BH TST. BOTH TST WITNESSED & PASSED BY JOHN DURHAM/NMOCD. RELEASE & TOO H W/**PKR @ 4776'**.

2/5/2024: CK PRESSURES (SICP 120 PSI TBG 0 PSI BH 0 PSI). TIH W/TBG & CO 15' FILL ON TOP OF RBP. LATCH & **UNSET RBP @ 6535'**. TIH & **SET CBP @ 4440'**. TIH & **SET PKR @ 4117'**. PT CSG T/550 PSI FOR 10 MINS, GOOD TST.

2/6/2024: CK PRESSURES (SICP 0 PSI SIBH 0 PSI). RIH & **PERF MENELEE (4127' – 4381') INTERVAL W/27 SHOTS, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE, 1 SPF** AT 4127', 4130', 4134', 4140', 4142', 4170', 4172', 4185', 4198', 4202', 4220', 4256', 4263', 4270', 4289', 4292', 4296', 4306', 4308', 4319', 4331', 4345', 4357', 4360', 4364', 4373', 4381'. ALL SHOTS FIRED. **SET PKR @ 3942'**. PT BACKSIDE T/550 PSI, GOOD TST.

2/7/2024: CK PRESSURES (SICP 0 PSI SITP 0 PSI SIBH 0 PSI). ND BOP. RU FRAC STACK. PMP DWN TBG 70 BBL H2O.

3/30/2024: CK PRESSURES (SITP: 900 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). RU FRAC CREW. PT LINES, GOOD TST. MENELEE STIMULATION: (4127' TO 4381') FRAC AT 50 BPM W/ 65Q N2 FOAM. TOTAL LOAD: 729 BBLs TOTAL SLICKWATER: 717 BBLs TOTAL ACID: 12 BBLs TOTAL 20/40 SAND: 96,118 LBS TOTAL N2: 1,060,000 SCF

3/31/2024: CK PRESSURES (SITP: 1900 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). TO WINDY TO RU.

4/1/2024: CK PRESSURES (SITP: 1650 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). INSTALL 2/WAY CK. ND FRAC STACK. NU BOP, PT, GOOD TST. PULL HANGER & **RELEASE PKR @ 3942'**. POH LD FRAC STRING.

4/2/2024: CK PRESSURES (SITP: 600 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). MU BHA FOR CO. TIH & TAG FILL @ 4282' (158' FILL ON TOP OF CIBP). BRING ON AIR, EST CIRC. CO DWN & **DO CIBP @ 4440'**. CONT TIH. TAG FILL @ 6643' (104' FILL). EST CIR & CO T/6645'. HANG BACK SWVL. PULL T/3603'.

4/3/2024: CK PRESSURES (SITP: 0 PSI SICP: 320 PSI SIICP: 0 PSI SIBHP: 0 PSI). SWAP OUT JUNK MILL. TIH & TAG FILL @ 6635'. BRING ON AIR UNIT. UNLOAD HOLE & CO T/6683'. CLEAN UP PLUG PARTS, DRIED UP TBG. TOO H W/TBG & MILL.

4/4/2024: CK PRESSURES (SITP: 320 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH W/210 JTS 2 3/8 4.7# J-55 PROD TBG. EOT @ 6600'. SN @ 6599'. RU AIR & PT TBG T/500 PSI. RDRR.

\*WELL RETURNED TO PRODUCTION AS A MV/DK COMMINGLE

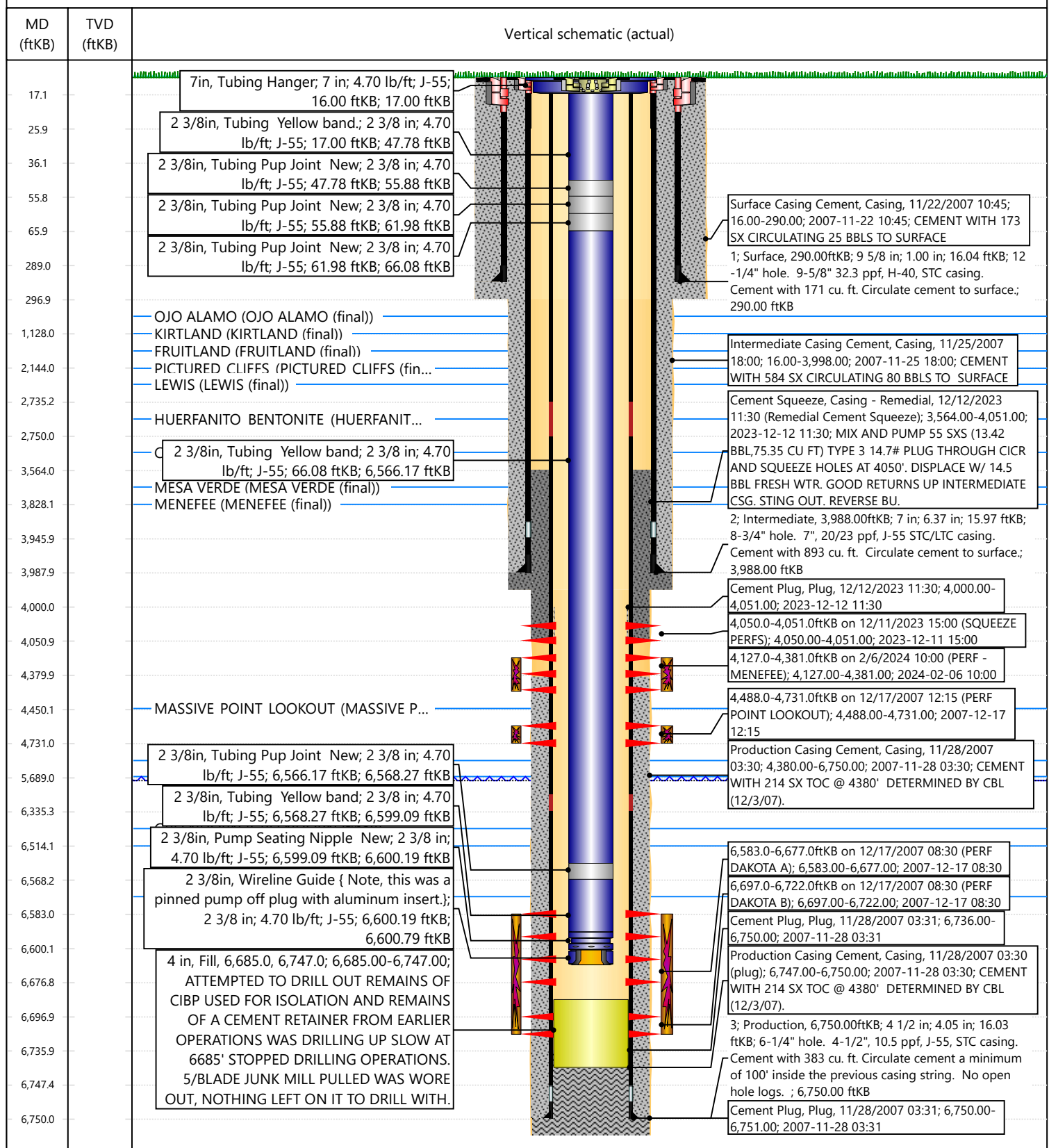


## Current Schematic - Version 3

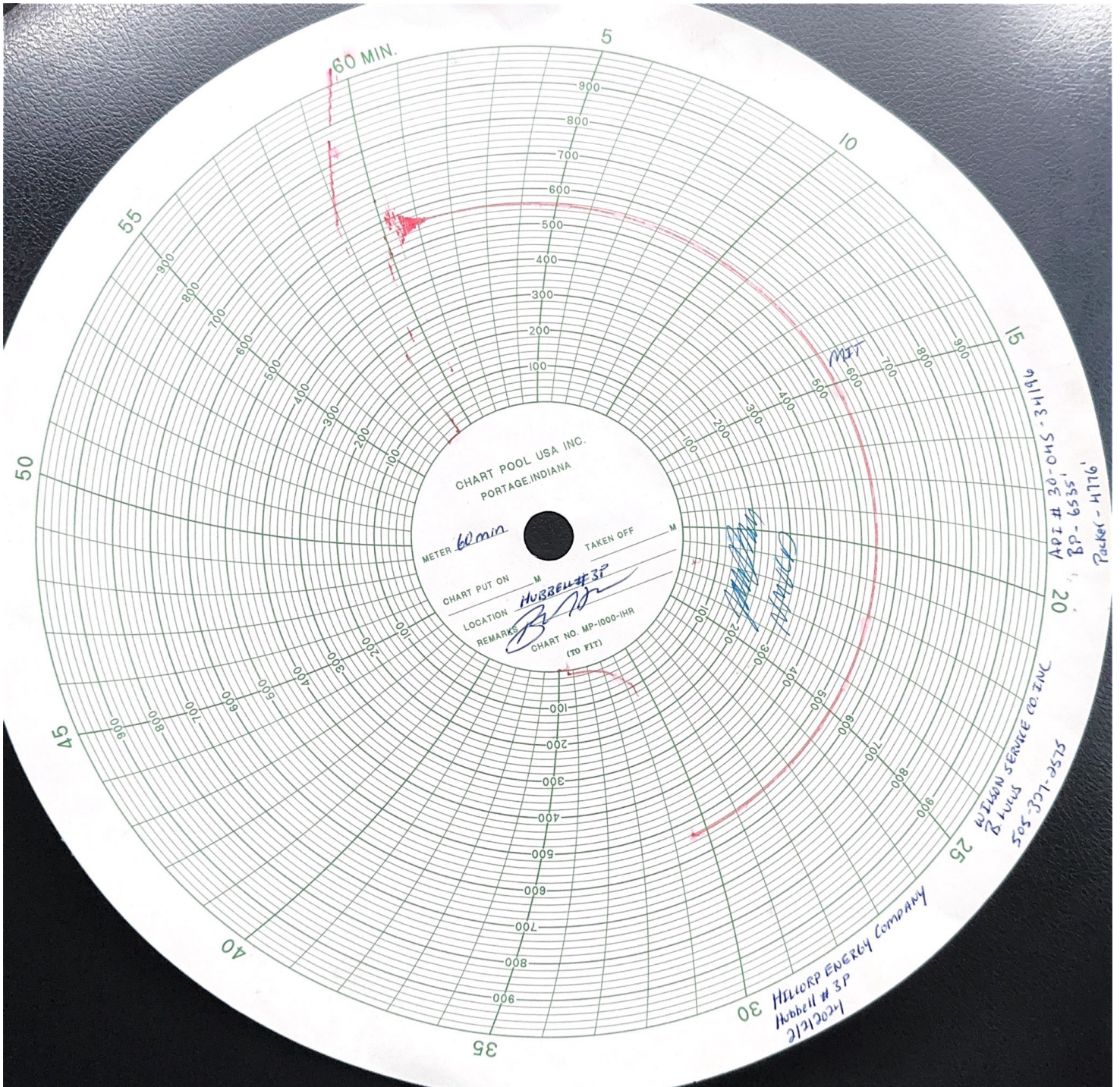
Well Name: HUBBELL #3P

API / UWI 3004534196	Surface Legal Location 018-029N-010W-I	Field Name MV/DK COM	Route 0704	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 5,816.00	Original KB/RT Elevation (ft) 5,832.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 16.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole [VERTICAL]











# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

## MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test 2 FEB-2024 Operator HILCORP API # 30-0 45-34196

Property Name HUBBEL Well # 390 Location: Unit I Sec 18 Twn 29 Rge 10

Land Type:

State X  
Federal X  
Private         
Indian       

Well Type:

Water Injection         
Salt Water Disposal         
Gas Injection         
Producing Oil/Gas X  
Pressure observation       

Temporarily Abandoned Well (Y/N):        TA Expires:       

Casing Pres. 0  
Bradenhead Pres. 0  
Tubing Pres. 0  
Int. Casing Pres. 0

Tbg. SI Pres.         
Tbg. Inj. Pres.       

Max. Inj. Pres.       

Pressured annulus up to 560 psi. for 30 mins. Test passed/failed

REMARKS: THE CASING WAS TESTED BETWEEN 6535 AND 4774  
1000 PSI SPRING, 40 MINUTE CLACK. THE CASING  
WAS PRESSURED UP TO 560 PSI, AND PRESSURED  
FELL TO 540 PSI AND HELD FOR THE LAST  
15 MINUTES

By [Signature]  
(Operator Representative)

Witness [Signature]  
(NMOCD)

(Position)

Revised 02-11-02

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: Open Additional Pay

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

**Unit I (NESE) 2175' FSL & 660' FEL**

At top prod. Interval reported below

At total depth

14. Date Spudded

**11/21/2007**

15. Date T.D. Reached

**11/27/2007**

16. Date Completed

**4/5/2024**☐ D & A☒ Ready to Prod.

18. Total Depth:

**6751'**

19. Plug Back T.D.:

**6747'**

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
<b>12 1/4"</b>	<b>9 5/8", H-40</b>	<b>32.3#</b>	<b>0</b>	<b>290'</b>		<b>173 sx</b>			
<b>8 3/4"</b>	<b>7", J-55</b>	<b>20#</b>	<b>0</b>	<b>3988'</b>		<b>584 sx</b>			
<b>6 1/4"</b>	<b>4 1/2", J-55</b>	<b>10.5#</b>	<b>0</b>	<b>6750'</b>		<b>214 sx</b>			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
<b>2 3/8"</b>	<b>6600'</b>							



25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Mesaverde (payadd 4127' - 4381')</b>	<b>4127</b>	<b>4731</b>	<b>1 SPF</b>	<b>0.35"</b>	<b>27</b>	<b>Open</b>
B)						
C)						
D)						



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

Depth Interval	Amount and Type of Material
<b>4127' - 4381'</b>	FRAC AT 50 BPM W/ 65Q N2 FOAM. TOTAL LOAD: 729 BBLS TOTAL SLICKWATER: 717 BBLS TOTAL ACID: 12 BBLS TOTAL 20/40 SAND: 96,118 LBS TOTAL N2: 1,060,000 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
<b>4/5/2024</b>		<b>24</b>		<b>0</b>	<b>205</b>	<b>0</b>			<b>Flowing</b>
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
<b>18/64"</b>	<b>0</b>	<b>199</b>		<b>0</b>	<b>205</b>	<b>0</b>			<b>Producing</b>

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	1020'	1128'	White, cr-gr ss Gry sh interbedded w/tight, gry, fine-gr ss.	Ojo Alamo	1020'
	Kirtland 1128'	1840'			1128'
Fruitland Pictured Cliffs Lewis Chacra Menefee	1840'	2144'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. Bn-Gry, fine grn, tight ss. Shale w/ siltstone stingers Gry fn grn silty, glauconitic sd stone w/ drk gry shale Med-dark gry, fine gr ss, carb sh & coal	Fruitland Pictured Cliffs Lewis Chacra Menefee	1840'
	2144'	2312'			2144'
	2312'	3113'			2312'
	3113'	3828'			3113'
	3828'	4450'			3828'
Point Lookout Mancos	4450'	4844'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation Dark gry carb sh.	Point Lookout Mancos	4450'
	4844'	5689'			4844'
Gallup Greenhorn Graneros	5689'	6458'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh. Highly calc gry sh w/ thin lmst. Dk gry shale, fossil & carb w/ pyrite incl.	Gallup Greenhorn Graneros	5689'
	6458'	6514'			6458'
	6514'	6576'			6514'
Dakota Morrison	6576'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks Interbed grn, brn & red waxy sh & fine to coard grn ss	Dakota Morrison	6576'
					'

32. Additional remarks (include plugging procedure):

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

4/10/2024

My Monitor for WCRID: 91504

Operator Name	Well Name	Well Number	US Well Number
MILCORP ENERGY COMPANY	HUBBELL	3P	3004534196
SHL	County	State	Lease Number(s)
ALLOTTEE NESE SEC: 18 T1W1N: 23N R1G: 10W	SAN JUAN	NM	NMSF078716A
Well Type	Well Status	Agreement Name	Agreement Number(s)
CONVENTIONAL GAS WELL	PGW		
Allottee/Tribe	Well Pad Name	Well Pad Number	APD ID
			07LXB4166AFEF

[Well Completion Print Report](#)[3160-4 Report](#)

WCRID Monitor		Process Model						
View all process activities in chronological order.								
ID	Status	Activity	Completed By	Participant	Created Date	Deadline	Completed Date	
101	Completed	Submit Well Completion Report	AMANDA WALKER	AMANDA WALKER	2024/4/10 7:23:00 AM		2024/4/10 7:31:00 AM	
103	Completed	Initial Review	KENNETH G RENNICK	Adjudicator	2024/4/10 7:31:00 AM		2024/4/11 5:21:00 AM	
105	Completed	Engineer Review	KENNETH G RENNICK	Engineer	2024/4/11 5:21:00 AM		2024/4/11 5:25:00 AM	

**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 332911

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 332911
	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.



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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 332911

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 332911
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	4/29/2024