

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 30-039-21732	<sup>5</sup> Pool Name Blanco-Mesaverde (Prorated Gas)		<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 318432	<sup>8</sup> Property Name San Juan 28-7 Unit		<sup>9</sup> Well Number 110

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

UL or lot no. K	Section 19	Township 27N	Range 07W	Lot Idn	Feet from the 1450	North/SouthLine South	Feet from the 1450	East/West line West	County Rio Arriba
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<sup>11</sup> 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
<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


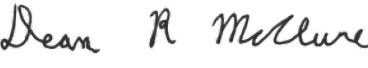
III. Oil and Gas Transporters

<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 10/23/1978	<sup>22</sup> Ready Date 10/2/2022	<sup>23</sup> TD TVD 7474'	<sup>24</sup> PBTD TVD 7465'	<sup>25</sup> Perforations 4742'- 5483'	<sup>26</sup> DHC, MC 1544
<sup>27</sup> Hole Size		<sup>28</sup> Casing & Tubing Size		<sup>29</sup> Depth Set	
13 3/4"		9 5/8", 36#, K-55		221'	
8 3/4" & 7 7/8"		4 1/2", 10.5,11.6#, K-55		7474'	
"		", #,		'	
		2 3/8", 4.7#, J-55		7393'	

V. Well Test Data

<sup>31</sup> Date New Oil NA	<sup>32</sup> Gas Delivery Date 10/2/2022	<sup>33</sup> Test Date 10/2/2022	<sup>34</sup> Test Length 24hr	<sup>35</sup> Tbg. Pressure SI-177psi	<sup>36</sup> Csg. Pressure SI-381psi
<sup>37</sup> Choke Size 30/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 159 bwpd	<sup>40</sup> Gas 6 mcf/d		<sup>41</sup> Test Method N/A
<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: Petroleum Engineer		
E-mail Address: mwalker@hilcorp.com			Approval Date: 12/06/2022		
Date: 12/6/2022		Phone: (346) 237-2177			

Well Name: SAN JUAN 28-7 UNIT	Well Location: T27N / R7W / SEC 19 / NESW / 36.55521 / -107.62015	County or Parish/State: RIO ARRIBA / NM
Well Number: 110	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078840	Unit or CA Name: SAN JUAN 28-7 UNIT--DK, SAN JUAN 28-7 UNIT--MV	Unit or CA Number: NMNM78413A, NMNM78413C
US Well Number: 3003921732	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2698803

Type of Submission: Subsequent Report

Date Sundry Submitted: 10/19/2022

Date Operation Actually Began: 09/28/2022

Type of Action: Recompletion

Time Sundry Submitted: 12:45

**Actual Procedure:** The following well has opened up additional pay within the Mesaverde formation. The well is producing as a Mesaverde/Dakota DHC under 1544. Please see the attached operations.

SR Attachments

Actual Procedure

3003921320000\_SAN\_JUAN\_28\_7\_UNIT\_110\_SR\_WRITEUP\_20221019124448.pdf

Well Name: SAN JUAN 28-7 UNIT	Well Location: T27N / R7W / SEC 19 / NESW / 36.55521 / -107.62015	County or Parish/State: RIO ARRIBA / NM
Well Number: 110	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078840	Unit or CA Name: SAN JUAN 28-7 UNIT--DK, SAN JUAN 28-7 UNIT--MV	Unit or CA Number: NMNM78413A, NMNM78413C
US Well Number: 3003921732	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: OCT 19, 2022 12:44 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST.

City: HOUSTONState: 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: 10/19/2022

Signature: Kenneth Rennick

SAN JUAN 28-7 UNIT 110  
30-039-21732  
NMSF078840  
SR: PAYADD

9/28/2022: MIRU FRAC CREW. CK WELL PRESSURES (SITP: 1000 PSI SICP: 0 PSI SIBHP: 0 PSI). PT FLUID LINES & N2 LINES, GOOD TST. MENEFEE STIMULATION: (4888' TO 5106') FRAC AT 40 BPM W/ 65 Q N2 FOAM. TOTAL LOAD: 660 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 648 BBLS TOTAL 20/40 SAND: 92,578 LBS TOTAL N2: 1,141,000 SCF AVERAGE RATE: 33.4 BPM MAX RATE: 41.2 BPM AVERAGE PRESSURE: 5231 PSI MAX PRESSURE: 7435 PSI MAX SAND CONC: 2.0 PPG DOWNHOLE. ISIP: 2551 PSI. RD FRAC CREW.

9/29/2022: MIRU. CK WELL PRESSURES (SICP-0, SITP-1050, SIBHP-0). REMOVE FRAC STACK. NU BOP & PT, GOOD TST. UNLAND TBG & RELEASE PKR. TOH & LD RTS TBG & 4 ½" AS 1X PKR. SDFN

9/30/2022: CK WELL PRESSURES (SICP-640, SITP-0, NA SIBHP-0.). TIH & TAG FILL @ 4955' (235' SAND ONTOP OF CIBP). RU PWR SWVL & CO F/4955' T/CIBP @ 5190'. MO CIBP. CONT TIH & TAG FILL @ 7398' (60' FILL). TOH W/4860'. SDFN.

10/1/2022: CK WELL PRESSURES (SICP-500, SITP-0, NA SIBHP-0.). TIH & CO T/7398'. RU PWR SWVL. EST CIRC. CO PLUG REMNANTS & SAND F/7398' T/7458'. CIRC HOLE CLEAN. TOOH. MU PLUNGER LIFT BHA. TIH W/239 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 7375'. ND BOP. NU WH. PMP 5 BBL, DROP BALL & PT TBG T/500 W/AIR. GOOD. PMP OFF CK W/1000 PSI. CIRC CI T/SURF. RDRR @ 21:30 HRS.

\*THIS WELL IS NOW PRODUCING AS A MV/DK COMMINGLE UNDER DHC - 1544\*

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: **REVISED PAYADD**

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 K 1450' FSL & 1450' FWL**

At top prod. Interval reported below

At total depth

14. Date Spudded  
**10/23/1978**15. Date T.D. Reached  
**11/11/1978**16. Date Completed **10/1/2022**  
☐ D & A ☒ Ready to Prod.18. Total Depth:  
**7474'**19. Plug Back T.D.:  
**7465'**20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
<b>13.75"</b>	<b>9.625"/K-55</b>	<b>36</b>		<b>221'</b>		<b>224 CF</b>			
<b>8.75"/7.875"</b>	<b>4.5"/K-55</b>	<b>10.5/11.6</b>		<b>7474'</b>		<b>1393 CF</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>2.875"</b>	<b>7375'</b>							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>MESAVERDE</b>	<b>4742'</b>	<b>4801'</b>	<b>HOLE IN CSG</b>			<b>OPEN</b>
B) <b>MESAVERDE (MENEFE)</b>	<b>4888'</b>	<b>5106'</b>	<b>1 SPF</b>	<b>0.34"</b>	<b>23</b>	<b>OPEN</b>
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>4888' - 5106'</b>	FRAC AT 40 BPM W/ 65 Q N2 FOAM. TOTAL LOAD: 660 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 648 BBLS TOTAL 20/40 SAND: 92,578 LBS TOTAL N2: 1,141,000 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>10/2/2022</b>	<b>10/2/2022</b>			<b>0</b>	<b>6</b>	<b>159</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>30/64</b>	<b>SI-177</b>	<b>SI-381</b>		<b>0</b>	<b>6</b>	<b>159</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):

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
<b>Ojo Alamo</b>	<b>2039</b>	<b>2170</b>	White, cr-gr ss	<b>Ojo Alamo</b>	<b>2039</b>
<b>Kirtland</b>	<b>2170</b>	<b>2447</b>	Gry sh interbedded w/tight, gry, fine-gr ss.	<b>Kirtland</b>	<b>2170</b>
<b>Fruitland</b>	<b>2447</b>	<b>2863</b>	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	<b>Fruitland</b>	<b>2447</b>
<b>Pictured Cliffs</b>	<b>2863</b>	<b>2951</b>	Bn-Gry, fine grn, tight ss.	<b>Pictured Cliffs</b>	<b>2863</b>
<b>Lewis</b>	<b>2951</b>	<b>3785</b>	Shale w/ siltstone stringers	<b>Lewis</b>	<b>2951</b>
<b>Chacra</b>	<b>3785</b>	<b>4570</b>	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	<b>Chacra</b>	<b>3785</b>
<b>Menefee</b>	<b>4570</b>	<b>5164</b>	Med-dark gry, fine gr ss, carb sh & coal	<b>Menefee</b>	<b>4570</b>
<b>Point Lookout</b>	<b>5164</b>	<b>5664</b>	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	<b>Point Lookout</b>	<b>5164</b>
<b>Mancos</b>	<b>5664</b>	<b>6255</b>	Dark gry carb sh.	<b>Mancos</b>	<b>5664</b>
<b>Gallup</b>	<b>6255</b>	<b>7110</b>	Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh.	<b>Gallup</b>	<b>6255</b>
<b>Greenhorn</b>	<b>7110</b>	<b>7170</b>	Highly calc gry sh w/ thin Imst.	<b>Greenhorn</b>	<b>7110</b>
<b>Graneros</b>	<b>7170</b>	<b>7328</b>	Dk gry shale, fossil & carb w/ pyrite incl.	<b>Graneros</b>	<b>7170</b>
<b>Dakota</b>	<b>7328</b>	<b>7236'</b>	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	<b>Dakota</b>	<b>7328</b>
<b>Morrison</b>			Interbed gm, brn & red waxy sh & fine to coard grn ss	<b>Morrison</b>	<b>0</b>

## 32. Additional remarks (include plugging procedure):

WELL IS NOW PRODUCING AS A MV/DK COMMINGLE UNDER DHC 1544


MV PA- NMNM078413A

## 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 12/ 6/ 2022

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.

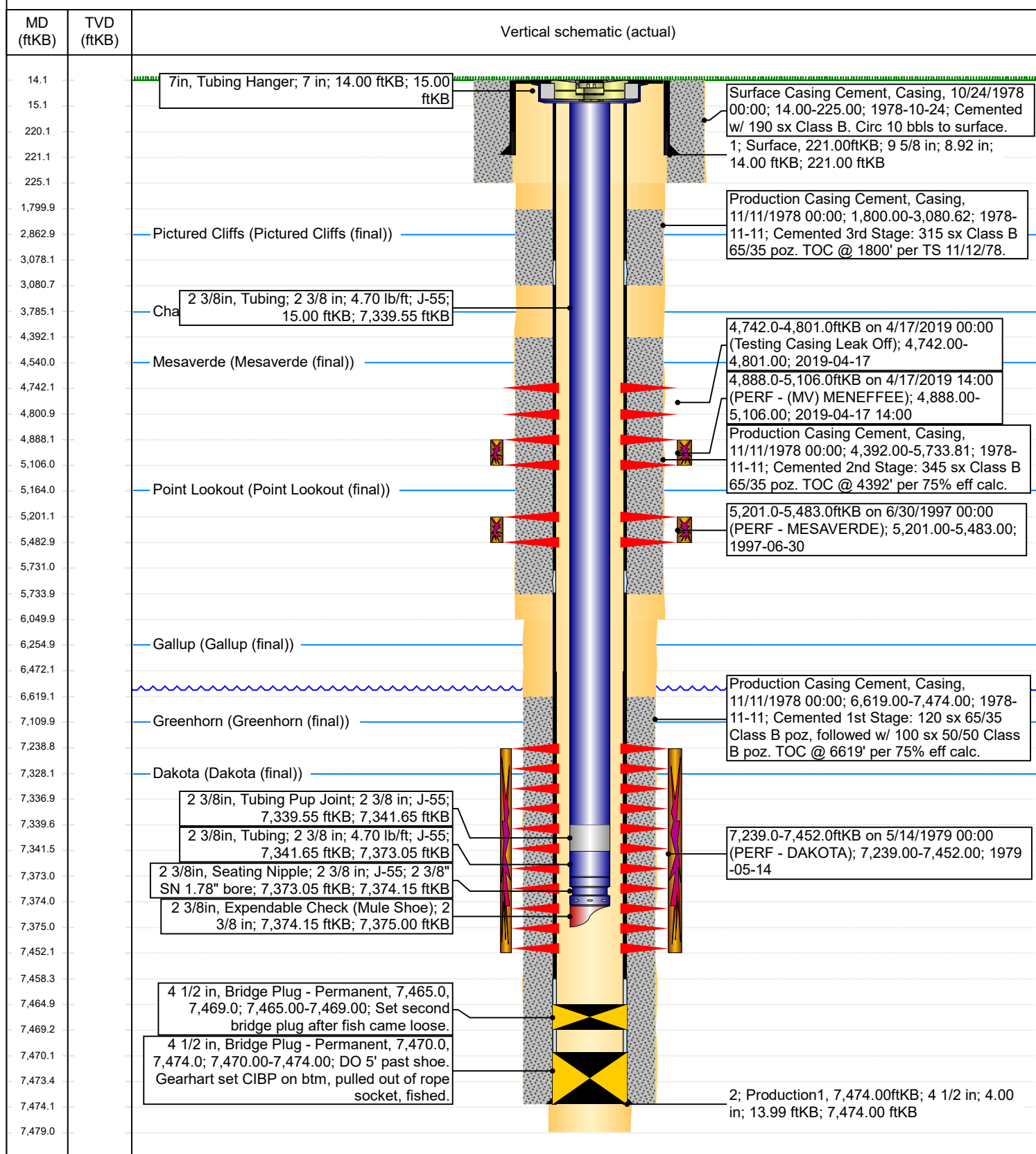


## Current Schematic - Version 3

Well Name: SAN JUAN 28-7 UNIT 110

API / UWI 3003921732	Surface Legal Location 019-027N-007W-K	Field Name MV/DK COM	Route 0902	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,568.00	Original KB/RT Elevation (ft) 6,582.00	KB-Ground Distance (ft) 14.00	KB-Casing Flange Distance (ft) 14.00	KB-Tubing Hanger Distance (ft) 14.00	

## Original Hole [Vertical]





**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 164458

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 164458
	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  
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Phone:(575) 748-1283 Fax:(575) 748-9720  
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Phone:(505) 334-6178 Fax:(505) 334-6170  
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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 164458

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 164458
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	12/6/2022