

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 RC	
<sup>4</sup> API Number 30-039-29639	<sup>5</sup> Pool Name Blanco Pictured Cliffs (Gas)		<sup>6</sup> Pool Code 72359
<sup>7</sup> Property Code 318713	<sup>8</sup> Property Name San Juan 29-7 Unit		<sup>9</sup> Well Number 38B

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

UL or lot no. J	Section 12	Township 29N	Range 07W	Lot Idn	Feet from the 1700	North/SouthLine South	Feet from the 2215	East/West line East	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 3/3/2006	<sup>22</sup> Ready Date 6/30/2022	<sup>23</sup> TD MD 7670'	<sup>24</sup> PBTD MD 7665'	<sup>25</sup> Perforations 3200' - 3262'	<sup>26</sup> DHC, MC 5176
<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		230'	
8 3/4"		7", 20#, J-55		3499'	
6 1/4"		4 1/2", 10.5#, J-55		7668'	
		2 3/8", 4.7#, J-55		7527'	

V. Well Test Data

<sup>31</sup> Date New Oil NA	<sup>32</sup> Gas Delivery Date 6/30/2022	<sup>33</sup> Test Date 6/30/2022	<sup>34</sup> Test Length 24hr	<sup>35</sup> Tbg. Pressure SI-101psi	<sup>36</sup> Csg. Pressure SI-100psi
<sup>37</sup> Choke Size 48/64"	<sup>38</sup> Oil 0	<sup>39</sup> Water 130 bwpd	<sup>40</sup> Gas 73 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: John Garcia		
Title: Operations Regulatory Tech Sr.			Title: Petroleum Engineer		
E-mail Address: mwalker@hilcorp.com			Approval Date: 9/28/2022		
Date: 9/8/2022		Phone: (346) 237-2177			

Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-039-29639
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>FEDERAL: NMSF078945</b>
7. Lease Name or Unit Agreement Name San Juan 29-7 Unit
8. Well Number 38B
9. OGRID Number 372171
10. Pool name or Wildcat PC/MV/DK

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator HILCORP ENERGY COMPANY	
3. Address of Operator 382 Road 3100, Aztec, NM 87410	
4. Well Location Unit Letter <u>J</u> : <u>1700</u> feet from the <u>South</u> line and <u>2215</u> feet from the <u>East</u> line Section <u>12</u> Township <u>29N</u> Range <u>07W</u> NMPM County <u>Rio Arriba</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6318 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> Recomplete	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

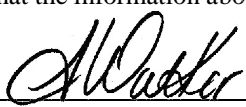
The following well has been recompleted into the PC and downhole tri-pping as of 9/6/2022.

\*\*Currently there is a delay of the completion paperwork with BLM due to an outstanding Com Agreement approval\*\*

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Operations/Regulatory Technician – Sr. DATE 9/28/2022

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: (346) 237-2177

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

San Juan 29-7 Unit 38B  
30-039-29639  
NMSF078945  
SR Recomplete

6/8/2022: MIRU. CK WELL PRESSURES (SITP: 51 PSI SICP: 51 PSI SIICP : 0 PSI SIBP: 0 PSI). ND WH. NU BOP & FT, TST GOOD. RU PREMIER NDT & SCAN OOH W/2 3/8" TBG. TIH W/STRING MILL & TIH T/2700'. SIW. SDFN.

6/9/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 60 PSI SIIP: 0 PSI SIBP: 0 PSI). PU STRING MILL & TIH T/4200'. TOH. TIH W/CIBP & SET @ 4140'. LD TBG & SETTING TOOL. ND WH. NU FRAC VALVE. ROLLED CSG. RU WEL LCHECK. MIT PRESSURE TST CSG T/560 PSI F/30 MINS, GOOD TST. WITNESSED BY JOHN DURHAM W/NMOC D ONSITE TO WITNESS. PT CSG T/FRAC PRESSURE @ 4000 PSI, TST GOOD. RD WELL CHECK. RDRR. WAIT ON FRAC.

6/21/2022: RU BASIN WL. PERF PICTURED CLIFFS W/48 SHOTS, 0.33 DIA, 4 SPF AS FOLLOWS: 3200', 3205', 3210', 3215', 3220', 3225', 3230', 3235', 3247', 3252', 3257', 3262'. ALL SHOTS FIRED. POH. R/D WRLN.

6/27/2022: MIRU FRAC CREW. CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). RU FRAC & N2 EQUIP. PT FLUID LINES T/5000 PSI, GOOD TST. PICTURED CLIFFS STIMULATION: (3200' TO 3262') FRAC @ 55 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 594 BBLS TOTAL ACID: 12 BBLS TOTAL GEL H2O: 582 BBLS TOTAL 20/40 SAND: 150,156 LBS TOTAL N2: 930,000 SCF AVG RATE: 48.7 BPM MAX RATE: 55.8 BPM AVG PRESSURE: 2293 PSI MAX PRESSURE: 3448 PSI MAX SAND CONC: 4 PPG DOWNHOLE. ISIP: 1483 PSI 5 MIN: 1355 PSI 10 MIN: 1289 PSI 15 MIN: 1260 FG: 0.89 PSI/FT. SIW. RD FRAC EQUIPMENT.

6/28/2022: MIRU COMPLETION RIG. CK WELL PRESSURES (SITP: 0 PSI SICP: 170 PSI SIBP: 0 PSI SIIP: 0 PSI). ND FRAC STACK. NU BOP & FT, TST GOOD. PU MULE SHOE & TIH T/3025'. SDFN.

6/29/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBP: 0 PSI SIIP: 0 PSI). CONT TIH & TAGGED FILL @ 3743', 407' OF SAND FILL. RU AIR UNIT & EST CIRC. CO F/3743' T/TOP OF CIBP @ 4140'. PULL T/LANDING DEPTH. INSTALL TBG HANGER & TIH W/103 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 3256' SN @ 3255'. ND BOP. NU WH. RDRR @ 18:30 HRS.

PER REVISED NOI, WELL WILL PRODUCE AS A STANDALONE PICTURED CLIFFS UNTIL SEPT 1<sup>ST</sup> AT WHICH TIME THE CIBP WILL BE DRILLED OUT AND THE WELL TRIMMINGLED.

9/1/2022: MIRU. CK WELL PRESSURES (SICP- 46 PSI, SITP- 46 PSI). ND WH. NU BOP & FT, GOOD TST. TOO H W/TBG. PU TAG JT & TIH. TAG CIBP @ 4140'. RU AIR UNIT & CO FILL @ 4070'. EST CIRC & CO FILL TO TOP OF PLUG. TOO H T/3153'. SDFN.

9/2/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 90 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH & TAG PLUG @ 4140' & DO. TAG FILL @ 7577', 87' FILL. START AIR UNIT & CO FILL T/7618'. DRY UP HOLE & TOO H. SDFWE.

9/6/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 60 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH W/BHA & 235 JTS 2 3/8", 4.7# J-55 PROD TBG. EOT @ 7527'. PMP 4 BBLS FW PAD DWN TBG. DROP BALL & PT TBG T/500 PSI W/AIR, OK. PMP OFF CK W/700 PSI & CIRC CI T/SURF. HAND OVER TO OPERATIONS. RDRR @ 18:30 HRS.



## Schematic - Current

Well Name: SAN JUAN 29-7 UNIT #38B

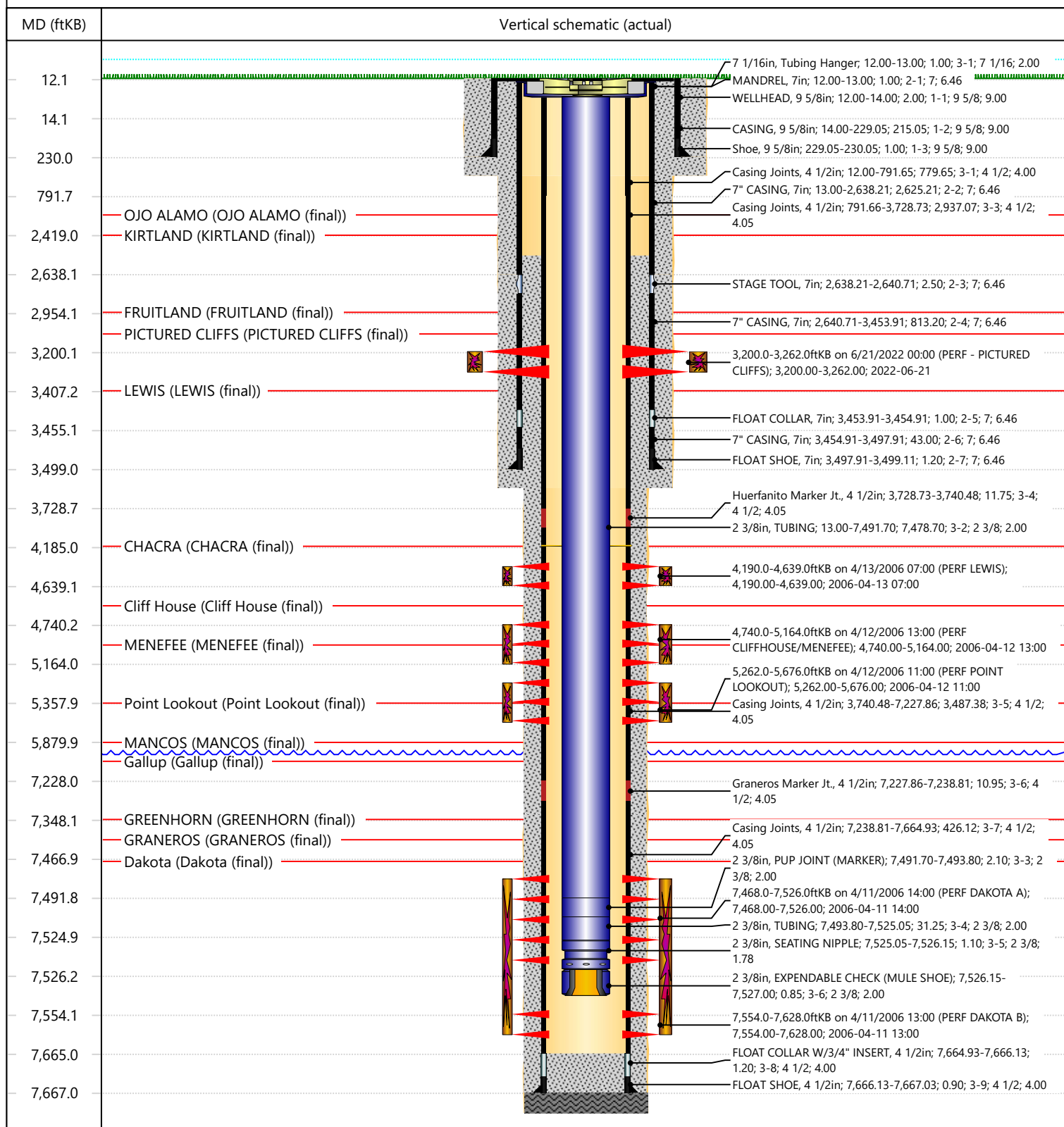
API / UWI 3003929639	Surface Legal Location 012-029N-007W-J	Field Name BLANCO MESAVERDE (PRORATED GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original KB/RT Elevation (ft) 6,332.00	KB-Ground Distance (ft) 12.00	Original Spud Date 3/4/2006 12:00	Rig Release Date 5/5/2006 12:30	PBTD (All) (ftKB) Original Hole - 0.0	Total Depth All (TVD) (ftKB)

## Most Recent Job

Job Category Capital Workover	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 6/8/2022	End Date
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TD: 7,670.0

Original Hole [VERTICAL]





Report

HILCORP  
030-059-29239  
Sbx 12 Twn 21N Rng 7W

45

50

55

60

5

10

15

20

40

*Graphic Controls*  
6/19/2022  
CHART NO. MC MP-1000-1HR  
WELL CHECK OF METER *FRANKLIN*  
CHART PUT ON *M* TAKEN OFF *M*  
LOCATION *SAN JUAN 29-7 UNIT 38B*  
REMARKS *1 LINE = 1 MINUTE*  
*MIT CHSING TEST*  
*575-538 PSI*

*John Davidson*  
*NMOP*

*MIT CHSING TEST*  
*575-538 PSI*  
*300 MINUTES*



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

**1700' FSL & 2215' FEL**

At top prod. Interval reported below

At total depth

14. Date Spudded

**3/3/2006**

15. Date T.D. Reached

**3/15/2006**

16. Date Completed

**6/29/2022**☐ D & A☒ Ready to Prod.

18. Total Depth:

**7670'**

19. Plug Back T.D.:

**7665'**

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 Cementer Depth	No. of Sk. & 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>230'</b>		<b>173</b>			
<b>8 3/4"</b>	<b>7"/J-55</b>	<b>20</b>		<b>3499'</b>		<b>540</b>			
<b>6 1/4"</b>	<b>4 1/2"/J-55</b>	<b>11.6</b>		<b>7668'</b>		<b>304</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>7527'</b>							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Pictured Cliffs</b>	<b>3200'</b>	<b>3262'</b>	<b>4 SPF</b>	<b>0.33</b>	<b>48</b>	<b>Open</b>
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>3200' - 3262'</b>	FRAC @ 55 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 594 BBLS TOTAL ACID: 12 BBLS TOTAL GEL H2O: 582 BBLS TOTAL 20/40 SAND: 150,156 LBS TOTAL N2: 930,000 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>6/30/2022</b>	<b>6/30/2022</b>	<b>24</b>	<b>→</b>	<b>0</b>	<b>73</b>	<b>130</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>48/64</b>	<b>SI-101</b>	<b>SI-100</b>	<b>→</b>	<b>0</b>	<b>73</b>	<b>130</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
			<b>→</b>						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			<b>→</b>						

\*(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	2324	2419	White, cr-gr ss	Ojo Alamo	2324
Kirtland	2419	2954	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2419
Fruitland	2954	3197	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2954
Pictured Cliffs	3197	3407	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3197
Lewis	3407	4185	Shale w/ siltstone stingers	Lewis	3407
Chacra	4185	4734	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4185
Cliff House	4734	5021	Light gry, med-fine gr ss, carb sh & coal	Cliff House	4734
Menefee	5021	5358	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5021
Point Lookout	5358	5880	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5358
Mancos	5880	6608	Dark gry carb sh.	Mancos	5880
Gallup	6608	7348	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6608
Greenhorn	7348	7406	Highly calc gry sh w/ thin lmst.	Greenhorn	7348
Graneros	7406	7467	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7406
Dakota	7467	7236'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7467
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

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

Well is currently producing as a Dakota/ Mesaverde/ Pictured Cliffs Transition Zone.


PC is not currently in the PA

## 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 09/07/2022

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.

**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 146745

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 146745
	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  
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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 146745

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 146745
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	Submit BLM Completion report once BLM approves it.	9/28/2022