

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 30-039-20032	<sup>5</sup> Pool Name Blanco Mesaverde	
<sup>7</sup> Property Code 318920	<sup>6</sup> Pool Code 72319	
<sup>8</sup> Property Name San Juan 27-5 Unit		<sup>9</sup> Well Number 103

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

UI or lot no. H	Section 14	Township 27N	Range 05W	Lot Idn	Feet from the 1850	North/South Line North	Feet from the 1190	East/West Line East	County Rio Arriba
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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
373888	Harvest Four Corners, LLC	G

IV. Well Completion Data

<sup>21</sup> Spud Date 6/10/1967	<sup>22</sup> Ready Date 8/30/2023	<sup>23</sup> TD 7970'	<sup>24</sup> PBTD 7935'	<sup>25</sup> Perforations 5169'-5796'	<sup>26</sup> DHC, MC DHC-5306
<sup>27</sup> Hole Size		<sup>28</sup> Casing & Tubing Size		<sup>29</sup> Depth Set	
13 3/4"		9 5/8", 32.3#, H-40		332'	
7 7/8"		4 1/2", 11.6#, 10.5#, J-55		7970'	
		2 3/8", 4.7#, J-55		7796'	

V. Well Test Data

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date 8/30/2023	<sup>33</sup> Test Date 8/30/2023	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 560 psi	<sup>36</sup> Csg. Pressure 570 psi
<sup>37</sup> Choke Size 22/64"	<sup>38</sup> Oil 0 bbl	<sup>39</sup> Water 0 bbl	<sup>40</sup> Gas 560 mcf		<sup>41</sup> Test Method Flowing
<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: Cherylene Weston			OIL CONSERVATION DIVISION		
Printed name: Cherylene Weston			Approved by: Sarah McGrath		
Title: Operations Regulatory Tech Sr.			Title: Petroleum Specialist - A		
E-mail Address: cweston@hilcorp.com			Approval Date: 09/20/2023		
Date: 9/6/2023		Phone: 713-289-2615			

<b>Well Name:</b> SAN JUAN 27-5 UNIT	<b>Well Location:</b> T27N / R5W / SEC 14 / SENE / 36.576 / -107.32185	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 103	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF079492A	<b>Unit or CA Name:</b> SAN JUAN 27-5 UNIT--DK	<b>Unit or CA Number:</b> NMNM78409A
<b>US Well Number:</b> 3003920032	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

### Subsequent Report

**Sundry ID:** 2749184

**Type of Submission:** Subsequent Report

**Type of Action:** Recompletion

**Date Sundry Submitted:** 09/01/2023

**Time Sundry Submitted:** 11:00

**Date Operation Actually Began:** 07/31/2023

**Actual Procedure:** Hilcorp Energy recompleted the subject well into the Mesaverde. Please see attached reports.

### SR Attachments

#### Actual Procedure

SJ\_27\_5\_Unit\_103\_RC\_Subsequent\_Sundry\_20230901110001.pdf

**Well Name:** SAN JUAN 27-5 UNIT

**Well Location:** T27N / R5W / SEC 14 /  
SENE / 36.576 / -107.32185

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 103

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF079492A

**Unit or CA Name:** SAN JUAN 27-5  
UNIT--DK

**Unit or CA Number:**  
NMNM78409A

**US Well Number:** 3003920032

**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:** CHERYLENE WESTON

**Signed on:** SEP 01, 2023 11:00 AM

**Name:** HILCORP ENERGY COMPANY

**Title:** Operations/Regulatory Tech - Sr

**Street Address:** 1111 TRAVIS STREET

**City:** HOUSTON

**State:** TX

**Phone:** (713) 289-2615

**Email address:** CWESTON@HILCORP.COM

### Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

### BLM Point of Contact

**BLM POC Name:** MATTHEW H KADE

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647736

**BLM POC Email Address:** MKADE@BLM.GOV

**Disposition:** Accepted

**Disposition Date:** 09/05/2023

**Signature:** Matthew Kade

San Juan 27-5 Unit 103

API: 3003920032

Recomplete Subsequent Sundry

7/31/2023 MIRU. BH-0 PSI, CSG-0 PSI. PT CSG 550 PSI, GOOD. ND WH. ND TBG HEAD. MU 4-1/2" SPEAR. UNABLE TO SCREW LIFTING EYES INTO SLIP PLATE TO PULL CASING SLIPS. REPAIR SLIP PLATE. LIGHTNING MOVED INTO AREA. RELEASE SPEAR. NU TBG HEAD. SISW. SDFN.

8/1/2023 PJSM. BH-0 PSI, CSG-0 PSI. LOAD 9-5/8" X 4-1/2" ANNUL W/20 BBLS. SPEAR 4-1/2" CSG TO 120K PULL, NO MOVEMENT. MIRU HYDRIVAC TRUCK. DIG OUT CELLAR. NU TBG HEAD. NU BOP. RU FLOOR. SET 4-1/2" RBP @ 1,500'. TEST RBP, GOOD. DUMP 10 GAL (15') SAND ON RBP. RU POWER SWVL & 4-1/2" INTERNAL CUTTER, CUT 4-1/2" CSG @ 12'. RD POWER SWVL. RD FLOOR. ND BOP. SISW. SDFN.

8/2/2023 PJSM. BH- 0 PSI, CSG- 0 PSI. ND TBG HEAD. CUT OFF 9-5/8" CSG HEAD. EXT 4-1/2" CASING, INSTALL NEW 9-5/8" CSG HEAD & SET SLIPS. NU 3K TBG HEAD. PT VOID/SEALS, GOOD TEST. NU BOP. PT CSG TO 600 PSI, GOOD TEST. TIH TO RBP. PU SWVL, CO FILL TO RBP. CIRC CLEAN. REL RBP. TOOH. SISW. SDFN.

8/3/2023 PJSM. BH- 0 PSI, CSG- 0 PSI. RU WL. RIH, SET CBP @ 5,860'. SHOOT SQZ PERFS @ 5,068' & 4,868'. RD WL. TIH, SET 4-1/2" PKR @ 4,904'. EST CIRC. PUMP 100 BBLS THROUGH SQZ PERFS 2 BPM @ 500 PSI. REL PKR, LD TBG ABOVE PERF. SISW. SDFN.

8/4/2023 PJSM. BH-0 PSI, CSG-0 PSI. RIH, SET PKR @ 5,032'. VERIFY CIRC THROUGH SQUEEZE PERFS. TOOH, LD PKR. TIH, SET CR @ 4,962'. RU DRAKE ENERGY SVCS. PUMP 75 SACKS TYPE III SQUEEZE FROM 4,868' - 5,068'. STING OUT OF CR, REV CIRC. RD CEMENTER. TOOH. SISW. SDFN.

8/7/2023 PJSM. BH- 0 PSI, CSG- 0 PSI. TIH W/TBG & BIT, TAG TOC @ 4,942'. RU POWER SWIVEL. DO CEMENT & CR 4,942' TO 5,075'. TOOH. LD BIT. SISW. SDFN.

8/8/2023 PJSM. BH-0 PSI, CSG-0 PSI. RU BASIN WL. RUN CBL FROM 5,500' TO 4,500'. W/O APPROVAL/PLAN FORWARD. RIH, SHOOT SQUEEZE PERFS @ 4,710' & 4,810'. RD WL. TIH, SET PKR @ 4,778'. EST CIRC, PUMP 100 BBLS THROUGH SQUEEZE HOLES. REL PKR. PT CSG 4,840' - 5,860' (CBP) GOOD TEST. LD TBG ABOVE PERFS. SDFN.

8/9/2023 PJSM. BH- 0 PSI, CSG- 0 PSI, TBG- 0 PSI. SET PKR, VERIFY CIRC THROUGH SQUEEZE PERFS. TOOH, LD PKR. TIH, SET CR @ 4,746'. RU DRAKE. MIX/PUMP 42 SACKS TYPE III SQUEEZE. DISPL & STING OUT OF CR. REV OUT 2 BBLS OF CMT. TOOH. TIH W/BIT TO 2,000'. SISW. SDFN.

8/10/2023 PJSM. BH- 0 PSI, CSG- 0 PSI. TIH, TAG TOC @ 4,662'. PU POWER SWVL. DO CEMENT & CR. CIRC CLEAN. PT CASING - GOOD. PU TBG TO 5,300'. TOOH, LD BIT. RU BASIN WL. RUN CBL FROM 4,500' TO 5,500'. RIH W/3.85 GR, TAGGED @ 5,684'. RD WL. SISW. SDFN. OBTAINED BLM/KENNY RENNICK & NMOCD/MONICA KUEHLING VERBAL APPROVALS TO CHANGE MV PERF RANGE TO 5169-5796'.

8/11/2023 PJSM. BH-0 PSI, CSG-0 PSI. TIH, TAG 122' FILL @ 5,738'. RU POWER SWVL, CO FILL TO CBP @ 5,860'. RU BASIN WL. RIH, PERF POINT LOOKOUT/MENEFEE W/0.33", 1 SPF, 3-1/8" SELECT FIRE @: 5,400', 5,411', 5,423', 5,433', 5,459', 5,473', 5,497', 5,513', 5,542', 5,558', 5,602', 5,611', 5,628', 5,645', 5,654', 5,680', 5,690', 5,707', 5,716', 5,729', 5,737', 5,748', 5,766', 5,771', 5,779', 5,785', 5,796' (27 HOLES). SET FRAC PLUG @ 5,380'. PKR @ 5,060'. RD WL. SISW. SDFN.

8/14/2023 PJSM. BH-0 PSI, CSG-0 PSI. RIH, LAND FRAC STRING IN 12K COMPRESSION. WAIT FOR STORM TO PASS. RD FLOOR. ND BOP. NU FRAC STACK. PT VOID/SEALS - GOOD. PT FRAC STRING TO 9,000 PSI, GOOD. SISW. SDFN.

8/15/2023 PJSM. SITP-0 PSI. SICP-0 PSI. SIBHP-0 PSI. MIRU EXPERT SL. 1ST RUN: 1.75" O.D. SPEAR TO 5,055' SLM. BREAK DISC WITH 4 HITS. TBG WENT ON VACUUM. 2ND RUN: 2.00" GR TO 5,110' SLM. NO OBSTRUCTIONS. RDMO EXPERT. RD.

8/22/2023 MIRU FRAC CREW. FRAC STAGE 1: BDW W/WATER & 500 GAL 15% HCL. FOAM FRAC'D PT LOOKOUT/LOWER MENEFEW W/125,089 LBS, 20/40 SAND, 43,386 GAL SLICKWATER & 1.60M SCF N2 70 Q. RIH, PERF STAGE 2 (CLIFFHOUSE/UPPER MENEFEW) W/0.29", 1 SPF, 3-1/8" SELECT FIRE @: 5169, 5173, 5180, 5198, 5204, 5216, 5221, 5227, 5234, 5241, 5247, 5254, 5266, 5281, 5288, 5296, 5304, 5317, 5327, 5340, 5346' (21 HOLES). FRAC STAGE 2: BDW W/WATER AND 500 GAL 15% HCL. FOAM FRAC'D CLIFFHOUSE/UPPER MENEFEW W/125,361 LBS 20/40 SAND, 43,050 GAL SLICKWATER & 1.57M SCF N2 70 Q. SIW. RD. TOTAL FRAC LOAD = 2,082 BBLS (INCL 24 BBLS ACID). TOTAL SAND = 250,450 LBS. TOTAL N2 = 3.18M SCF.

8/23/2023 MIRU. PJSM. SICP-50 PSI, SITP-1,300 PSI, SIBHP-0 PSI. RU FLOWLINES. BDW. LUBRICATE IN 2-WAY CHECK. ND FRAC STACK. NU BOP. PT BOP, GOOD. RDMO WELLCHECK. STING OUT OF PKR. CSG WENT ON VACUUM. PULL HANGER. LUBRICATE 2-WAY CHECK OUT OF HANGER. PUMP 18 BBL KILL. RDMO BIG RED. LD FRAC STRING. CHG OUT PIPE RAMS IN BOP & EQUIPMENT. SISW. SDFN.

8/24/2023 SICP-1,220 PSI, SITP-0 PSI, SIBHP-0 PSI. PJSM. OPEN WELL. PU WO SHOE & DC. RIH, TAG PKR. RU PWR SWVL & AIR/MIST. CIRC, GETTING GOOD CIRCULATION. CIRC PSI 1,000 PSI. MO PKR. PSI CLIMBED TO 1,750 PSI. BYPASS AIR AND WATCH PSI. PSI HELD @ 1,900 PSI. TBG SEEMED PLUGGED. HANG BACK SWVL. BD TBG. TBG WOULD NOT BD. CIRC TO TANK W/700 PSI. PUMP KILL. RU PWR SWVL. CIRC W/AIR & MIST. DO PKR. CIRC CLEAN. SDFN.

8/25/2023 SICP-900 PSI, SITP-900 PSI, SIBHP-0 PSI. PJSM. OPEN WELL. BRING ON AIR/MIST, BREAK CIRC. WASH DOWN TO & MILL PKR. HANG BACK SWVL. TIH TO 5,235'. NO TAG. POOH. BD MILL. TIH W/SPEAR & FISHING BHA TO 5,371'. ATT TO SPEAR PKR. 5,000# OVERPULL & DRAGGING UPHOLE. TOOH. NO PKR RECOVERY. TIH SAME TOOLS TO 5,347'. RU PWR SWVL & AIR/MIST. BREAK CIRC. TIH, TAG @ 5,370'. WORK SPEAR ON TOP OF PKR. MADE ANOTHER 3'. PU AND SEE OVERPULL. CONT TOOH WITH PKR DRAGGING TO 2,770'. SISW. SDFN.

8/26/2023 PJSM. SITP-400, SICP-880, SIBHP-0. BDW. TOH, LD PKR. MU 3-7/8" MILL ASSM. RIH, TAG @ 5380'. PU SWVL, EST CIRC, DO PLUG #1 @ 5380'. CIRC WELL CLEAN. HANG SWVL. RIH, TAG 80' OF FILL @ 5780'. PU SWVL, EST CIRC, CO FILL 5780' TO 5860'. TAG PLUG @ 5860'. DO PLUG #2. CIRC, TOH ABOVE PERFS. SISW. SDFN.

8/27/2023 SITP-350, SICP-750, SIBHP-0. BDW. TIH, TAG 18' FILL @ 7630'. PU SWVL, CO TO PLUG #3. DO PLUG #3 @ 7648'. RUN TO PBD @ 7935'. CIRC HOLE CLEAN. TOH. SISW. SDFN.

8/28/2023 SICP-720 PSI, SITP-0 PSI, SIBHP-0 PSI. PJSM. OPEN UP WELL. TIH W/ PROD BHA. MU TBG HANGER. LAND 247 JTS 2-3/8", 4.7#, J-55 TBG @ 7796' (SN @ 7794'). RD FLOOR. ND BOP, NU WH. DROP BALL, PT TBG TO 500 PSI, GOOD TEST. PUMP OFF EXP CHECK. UNLOAD WELL. RDRR.

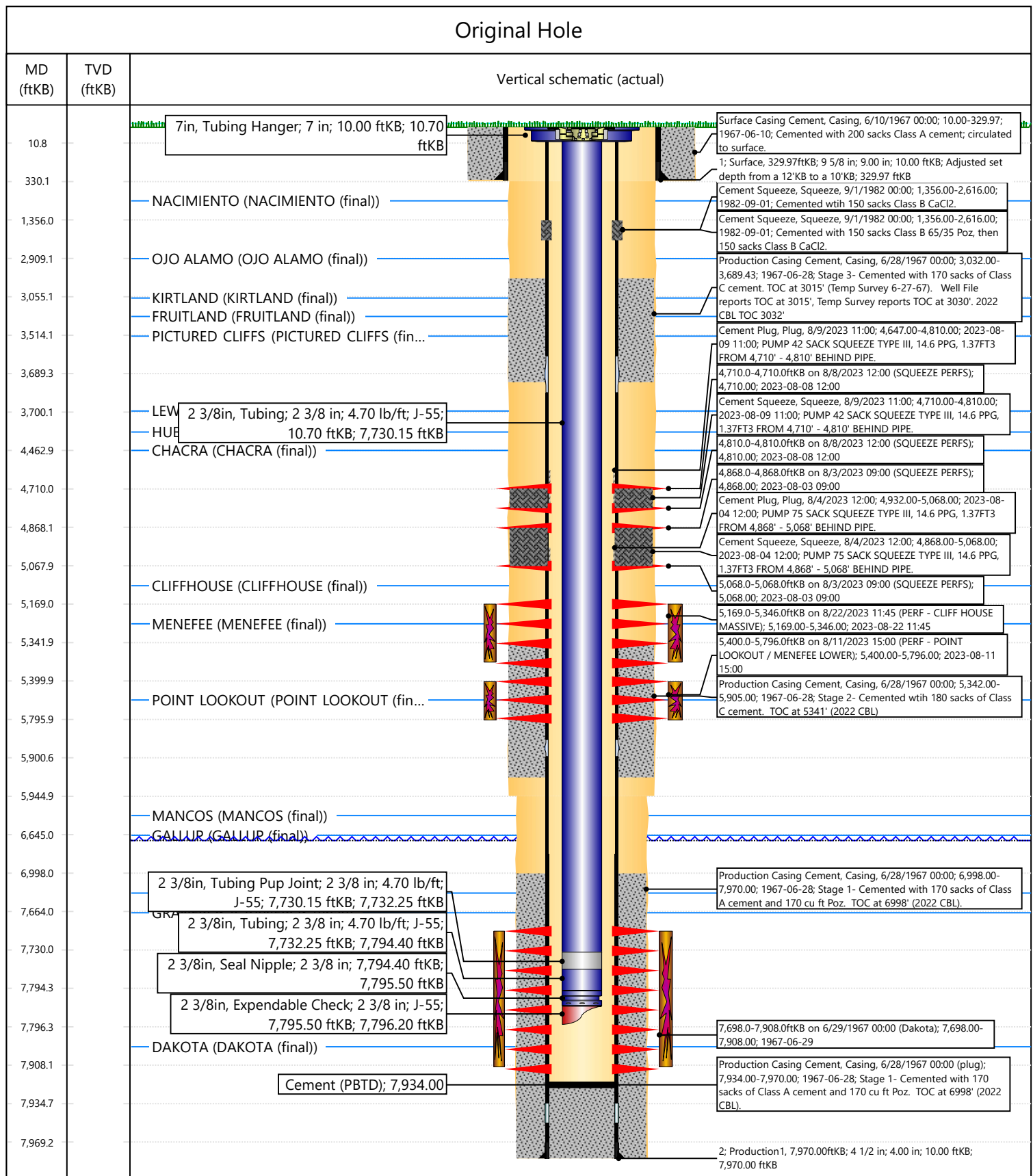
THE WELL IS PRODUCING AS A MV/DK COMMINGLE ON GAS ALLOWABLE WAITING ON RC C-104 APPROVAL.



## Current Schematic - Version 3

Well Name: SAN JUAN 27-5 UNIT #103

API / UWI 3003920032	Surface Legal Location 014-027N-005W-H	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1410	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,666.00	Original KB/RT Elevation (ft) 6,676.00	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



Cheryl Weston

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From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Sent: Friday, August 11, 2023 3:26 PM  
To: Brett Houston; Rennick, Kenneth G  
Cc: Cheryl Weston  
Subject: RE: [EXTERNAL] RE: San Juan 27-5 Unit 103 CBL

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

NMOCD approves to continue with recompleat in MV through perforations from 5169 to 5796

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - monica.kuehling@emnrd.nm.gov

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From: Brett Houston <Brett.Houston@hilcorp.com>  
Sent: Thursday, August 10, 2023 5:24 PM  
To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Cc: Cheryl Weston <cweston@hilcorp.com>  
Subject: Re: [EXTERNAL] RE: San Juan 27-5 Unit 103 CBL

Monica,

I wanted to summarize our discussion; we perforated from 4,710 - 4,810' and squeezed cement. We planned for 3 bbls of excess and got 2 bbls back to surface when we reverse circulated. Going forward, we plan to perforate the Mesaverde formation from 5,169 - 5,796', this is within the legal MV 4,463 - 6,117'.

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From: Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
Sent: Thursday, August 10, 2023 5:16 PM  
To: Brett Houston <[Brett.Houston@hilcorp.com](mailto:Brett.Houston@hilcorp.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>  
Subject: Re: [EXTERNAL] RE: San Juan 27-5 Unit 103 CBL

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

The BLM finds perforating in the MV appropriate.



Cheryl Weston

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From: Rennick, Kenneth G <krennick@blm.gov>  
Sent: Thursday, August 10, 2023 5:16 PM  
To: Brett Houston; Kuehling, Monica, EMNRD  
Cc: Cheryl Weston  
Subject: Re: [EXTERNAL] RE: San Juan 27-5 Unit 103 CBL

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

The BLM finds perforating in the MV appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

From: Brett Houston <Brett.Houston@hilcorp.com>  
Sent: Thursday, August 10, 2023 3:16 PM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Cc: Rennick, Kenneth G <krennick@blm.gov>; Cheryl Weston <cweston@hilcorp.com>  
Subject: [EXTERNAL] RE: San Juan 27-5 Unit 103 CBL

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Monica and Kenny,

Attached is our CBL from our squeeze yesterday, this looks a lot better. We would like to move forward with our operation to perforate the MV for our recompleate. Please give me a holler to discuss. Thank you!

Thank you,

Brett Houston



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From: Brett Houston <Brett.Houston@hilcorp.com>  
Sent: Tuesday, August 8, 2023 11:15 AM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Subject: FW: San Juan 27-5 Unit 103 CBL

Monica,

We squeeze cement on the San Juan 27-5 Unit 103, please see attached CBL. We have a BOC at 5,070' and TOC 4,868' and ratty cement in between. Please call to discuss when you get a chance.

Thanks,  
Brett Houston

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From: Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>  
Sent: Tuesday, August 8, 2023 10:10 AM  
To: Brett Houston <[Brett.Houston@hilcorp.com](mailto:Brett.Houston@hilcorp.com)>; Ben Hampton <[bhampton@hilcorp.com](mailto:bhampton@hilcorp.com)>; Scott Matthews <[scmatthews@hilcorp.com](mailto:scmatthews@hilcorp.com)>; Juan Cardenas <[jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)>; Andy Fordyce <[afordyce@hilcorp.com](mailto:afordyce@hilcorp.com)>; Bennett Vaughn <[Bennett.Vaughn@hilcorp.com](mailto:Bennett.Vaughn@hilcorp.com)>  
Subject: San Juan 27-5 Unit 103 CBL

Juan Cardenas  
Hilcorp Energy Company  
Wellsite Supervisor – San Juan East  
505.801.7161 [jcardenas@hilcorp.com](mailto:jcardenas@hilcorp.com)

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Cheryl Weston

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From: blm-afmss-notifications@blm.gov  
Sent: Tuesday, September 5, 2023 9:41 AM  
To: Cheryl Weston  
Subject: [EXTERNAL] Well Name: SAN JUAN 27-5 UNIT, Well Number: 103, 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: **SAN JUAN 27-5 UNIT**
- Well Number: **103**
- US Well Number: **3003920032**
- Well Completion Report Id: **WCR2023090589192**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

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 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

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

At surface Unit H (SENE), 1850' FNL &amp; 1190' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

6/10/1967

15. Date T.D. Reached

6/27/1967

16. Date Completed

8/30/2023

☐ D & A☒ Ready to Prod.

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

6,666'

18. Total Depth:

7,970'

19. Plug Back T.D.:

7,935'

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" H-40	32.3#	0	332'	n/a	200 sx			
7 7/8"	4 1/2" J-55	11.6#,10.5#	0	7,970'	n/a	690 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"	7,796'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse /Upper Menefee	5,169'	5,346'	1 SPF	0.29"	21	open
B) Point Lookout/Lower Menefee	5,400'	5,796'	1 SPF	0.33"	27	open
C) Mesaverde Squeeze Perfs	4,647'	4,810'				squeezed
D) Mesaverde Squeeze Perfs	4,932'	5068'				squeezed
TOTAL					48	

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

Depth Interval	Amount and Type of Material
5169-5346	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 43,050 gal 70 Q slickwater, 125,361# 20/40 sand, 1.57M SCF N2.
5400-5796	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 43,386 gal 70 Q slick water, 125,089# 20/40 sand, 1.60M SCF N2
4647-4810	Sqz w/42 sx Type III, 14.6 PPG, 1.37FT3 (4710'-4810') Behind Pipe
4932-5068	Sqz w/75 sx Type III, 14.6 PPG, 1.37FT3 (4868'-5068') Behind Pipe

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
8/30/2023	8/30/2023	24	➡	0	560 mcf	0 bbls	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64"	560 psi	570 psi	➡	0	560 mcf	0 bwpd	n/a	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 (Solid, 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			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland		3,513'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs	3,513'		Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,513'
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		5,167'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	5,167'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	5,167'
Menefee		5,664'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,664'	0,000'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,664'
Mancos		6,645'	Dark gry carb sh.	Mancos	
Gallup	6,645'	7,605'	Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,645'
Greenhorn	7,605'	7,664'	Highly calc gry sh w/ thin lmst.	Greenhorn	7,605'
Graneros	7,664'	7,812'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7,664'
Dakota	7,812'		Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,812'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/DK commingle per DHC-5306. MV PA - NMNM078409B

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) Cherylene Weston Title Operations/Regulatory Technician

Signature Cherylene Weston Date 9/1/2023

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.

**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 262775

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 262775
	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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CONDITIONS  
  
Action 262775

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	9/20/2023