

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 RC
<sup>4</sup> API Number 30-045-21704	<sup>5</sup> Pool Name Basin Fruitland Coal	<sup>6</sup> Pool Code 71629
<sup>7</sup> Property Code 318856	<sup>8</sup> Property Name Suter	<sup>9</sup> Well Number 3A

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

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
O	14	32N	11W		990'	South	1850'	East	San Juan

**<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 P	<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 2/23/1975	<sup>22</sup> Ready Date 11/14/2023	<sup>23</sup> TD 5500'	<sup>24</sup> PBTD 5482'	<sup>25</sup> Perforations 2745'-2988'	<sup>26</sup> DHC, MC DHC - 5311
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
13 3/4"	10 3/4", 32, H-40	165'	125 sx		
8 3/4"	7", 23, K-55	3250'	165 sx		
6 1/4"	4 1/2", 10.5, CW-55	TOL: 3065' BOL: 5495'	290 sx		
	2 3/8", 4.7#, J-55	2906'			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date 11/14/2023	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure SI 150	<sup>36</sup> Csg. Pressure SI 0
<sup>37</sup> Choke Size	<sup>38</sup> Oil 0	<sup>39</sup> Water 0	<sup>40</sup> Gas 12	<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:  Printed name: Amanda Walker Title: Operations Regulatory Tech Sr. E-mail Address: mwalker@hilcorp.com Date: 11/17/2023	OIL CONSERVATION DIVISION	
	Approved by: Sarah McGrath	
	Title: Petroleum Specialist - A	
	Approval Date: 11/17/2023	
	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.
30-045-21704
5. Indicate Type of Lease
STATE [ ] FEE [x]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
Suter
8. Well Number 3A
9. OGRID Number
372171
10. Pool name or Wildcat
Basin Fruitland Coal

SUNDRY NOTICES AND REPORTS ON WELLS
(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 [ ] Gas Well [x] Other
2. Name of Operator
HILCORP ENERGY COMPANY
3. Address of Operator
382 Road 3100, Aztec, NM 87410
4. Well Location
Unit Letter O : 990' feet from the South line and 1850' feet from the East line
Section 14 Township 32N Range 11W NMPM County San Juan
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6261' GR

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
OTHER: [x] SR RECOMPLETE

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 Fruitland Coal. The Mesaverde is currently shut in pending commingle operations. Please see the attached for the recompletion operations.

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 [Signature] TITLE Operations/Regulatory Technician - Sr. DATE 11/17/2023

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):

30-045-21704

FEE

SR Recomplete

10/25/2023: MIRU. CK PRESSURES (SICP-15, SITP-30, SIBHP-0). ND WH. NU BOP & TST, GOOD TST. UNLAND TBG. SDFN.

10/26/2023: CK PRESSURES (SICP-0, SITP-0, SIBHP-0). TIH & TAG FILL @ 5410'. SCAN TBG OOH. MAKE SCRAPER RUN T/4500'. SDFN.

10/30/2023: CK PRESSURES (SICP-40, SITP-NA, SIBHP-0). TIH & **SET CIBP @ 4480'**. DISP HOLE W/125 BBLS FW. PT CSG T/560 PSI, GOOD TST. RUN CBL F/4480' T/SURF. SDFN

10/31/2023: CK PRESSURES (SICP-0, SITP-0, SIBHP-0). PERFORM MIT T/565 PSI F/30 MINS. TST WITNESSED AND PASSED BY THOMAS VERMERSCH/NMOCD. **PERF FRUITLAND COAL (2745' – 2988') INTERVAL W/528 SHOTS @ 0.45' DIA W/8 SPF**. NU STRIPPING HEAD. SDFN

11/1/2023: CK PRESSURES (SICP-15, SITP-NA, SIBHP-0). TIH W/92 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 2906'. SN @ 2904'. PMP 5 BBL FW PAD. DROP BALL & PT TBG T/500 PSI W/AIR. PMP OFF CK W/850 PSI. CIRC T/SURF. RDRR. HAND OVER TO OPERATIONS.

\*WELL NOW RECOMPLETED AND PRODUCING IN THE FC. THE MV IS CURRENTLY SHUT PENDING COMMINGLE OPERATIONS\*

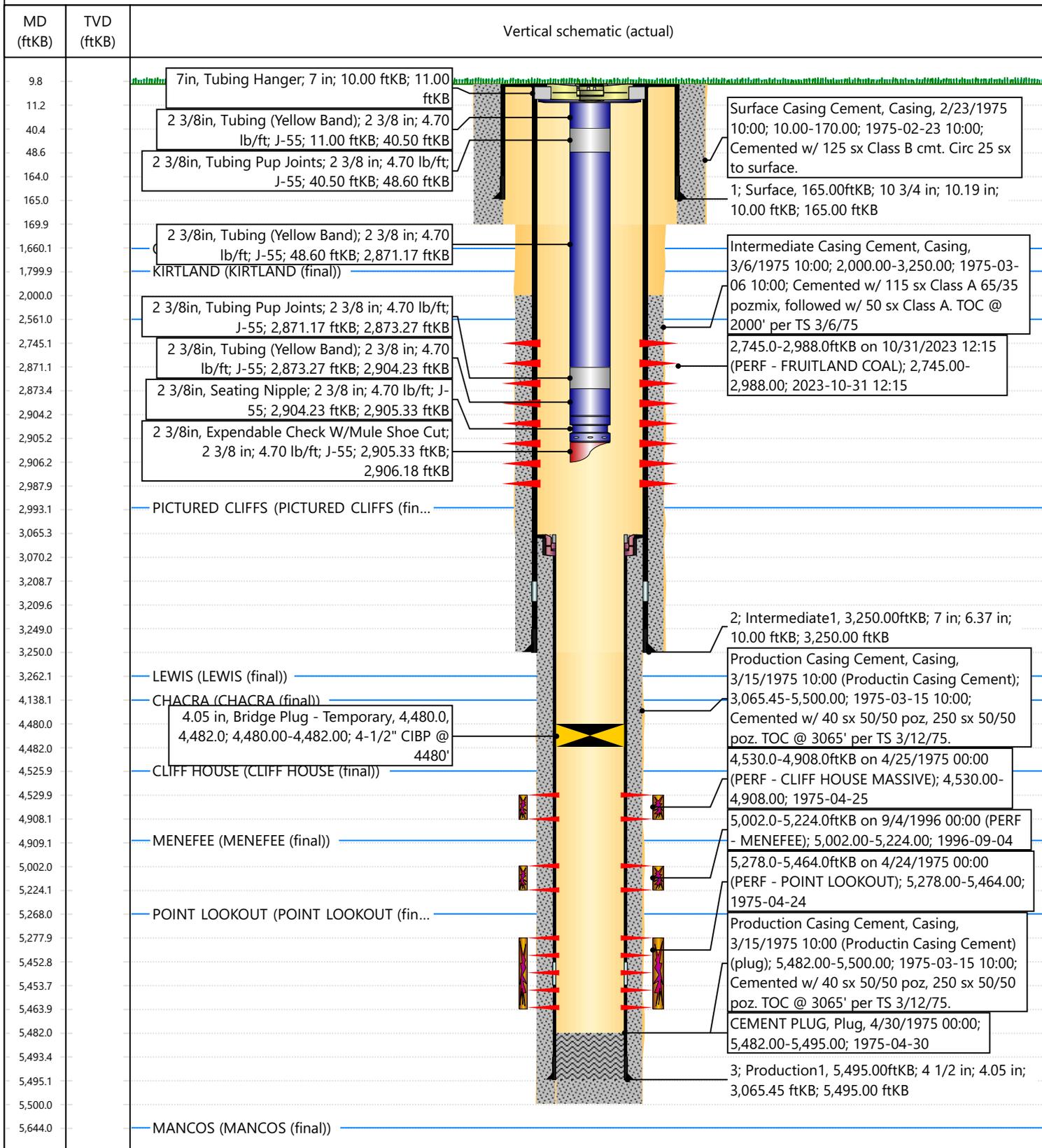


### Current Schematic - Version 3

Well Name: SUTER #3A

API / UWI 3004521704	Surface Legal Location 014-032N-011W-O	Field Name MV	Route 0103	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,264.00	Original KB/RT Elevation (ft) 6,274.00	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft) 10.00	KB-Tubing Hanger Distance (ft) 10.00	

### Original Hole [Vertical]





Mandi Walker

---

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Sent: Tuesday, October 31, 2023 12:20 PM  
To: Scott Anderson  
Cc: Hayden Moser; Clay Padgett; Mandi Walker; JP Knox; Amanda Atencio; Russell Crouch; Shane Smith; Michael Mayfield  
Subject: RE: [EXTERNAL] Hilcorp - Suter 3A: FRC recomplete  
Categories: NMOCD

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Scott

Liner top is 3065 bottom of 7" is 3250 – everything on log from 3065 to 4078 is within the liner – unable to see 7" cement through liner – solid cement above liner top to 2004 on 7"

That being clarified the PC appears to be protected – NMOCD approves perforating from 2745 to 2988 in the Fruitland Coal formation.

It has also been confirmed that this is Private minerals.

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

---

From: Scott Anderson <sanderson@hilcorp.com>  
Sent: Tuesday, October 31, 2023 10:50 AM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Cc: Hayden Moser <Hayden.Moser@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; JP Knox <jknox@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>; Russell Crouch <rcrouch@hilcorp.com>; Shane Smith <Shane.Smith@hilcorp.com>; Michael Mayfield <mmayfield@hilcorp.com>  
Subject: RE: [EXTERNAL] Hilcorp - Suter 3A: FRC recomplete

Thank you for confirming that, Monica!

With regards to the cement, per our phone conversation, we agree that there appears to be a 60' cement gap below the liner hanger. However the 7" casing continues down below that to 3250'. Given the solid cement above the liner top on

the 7" log, it can be inferred that the cement is also good below. With the TOC at 3130' behind the 4-1/2" there is also a cement overlap behind the 4-1/2" into the 7", thus providing excellent coverage for all of the zones behind pipe to the 7" shoe. In addition to that, the plan for this well has changed slightly from the original NOI. We no longer plan to frac the well and only want to perforate the coal within the perf intervals noted below. Does that change your opinion on whether or not we can perforate the whole interval?

Scott Anderson  
San Juan North – Operations Engineer  
Hilcorp Energy Company  
W: 713-289-2772  
C: 248-761-3965

---

From: Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Sent: Tuesday, October 31, 2023 11:25 AM  
To: Scott Anderson <[sanderson@hilcorp.com](mailto:sanderson@hilcorp.com)>  
Cc: Hayden Moser <[Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; JP Knox <[jknox@hilcorp.com](mailto:jknox@hilcorp.com)>; Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Russell Crouch <[rcrouch@hilcorp.com](mailto:rcrouch@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>; Michael Mayfield <[mmayfield@hilcorp.com](mailto:mmayfield@hilcorp.com)>  
Subject: RE: [EXTERNAL] Hilcorp - Suter 3A: FRC recomplete

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Scott/Mandi

Have had Amy look for mineral owner – It is confirmed to be Private

Thank you

Monica

---

From: Scott Anderson <[sanderson@hilcorp.com](mailto:sanderson@hilcorp.com)>  
Sent: Monday, October 30, 2023 4:13 PM  
To: Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
Cc: Hayden Moser <[Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)>; Clay Padgett <[cpadgett@hilcorp.com](mailto:cpadgett@hilcorp.com)>; Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>; JP Knox <[jknox@hilcorp.com](mailto:jknox@hilcorp.com)>; Amanda Atencio <[Amanda.Atencio@hilcorp.com](mailto:Amanda.Atencio@hilcorp.com)>; Russell Crouch <[rcrouch@hilcorp.com](mailto:rcrouch@hilcorp.com)>; Shane Smith <[Shane.Smith@hilcorp.com](mailto:Shane.Smith@hilcorp.com)>; Michael Mayfield <[mmayfield@hilcorp.com](mailto:mmayfield@hilcorp.com)>  
Subject: [EXTERNAL] Hilcorp - Suter 3A: FRC recomplete

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Monica – Attached is the new CBL on the Suter 3A (API: 3004521704). The cement quality on the Suter 3A is excellent and isolates the coal interval both above and below. Based on the log we have narrowed our perf scheme and would now like to perforate 2745-2988' (vs. the NOI'd depth of 2561-2992'). The MIT is scheduled for tomorrow morning. Once we have a passing MIT we would like to proceed with perforating the well. Thank you!

Scott Anderson  
San Juan North – Operations Engineer  
Hilcorp Energy Company

W: 713-289-2772

C: 248-761-3965

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Mandi Walker

---

From: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>  
Sent: Monday, August 21, 2023 11:48 AM  
To: Mandi Walker  
Cc: Scott Anderson; Lea Peters; Kuehling, Monica, EMNRD  
Subject: RE: [EXTERNAL] FW: Upcoming OPE recompletes

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Hello Mandi,

Hilcorp is approved to conduct the work to produce the 3 wells below as stand alone FLC wells until it is prepared to downhole commingle the FLC with the existing formations as currently approved.

Additionally, Hilcorp may conduct the currently approved work to downhole commingle each well provided it does so within one year and only submit a subsequent report once the work has been completed. For any of the wells, If Hilcorp does not conduct the work within one year, it shall submit a new notice of intent for that well and await approval of it prior to conducting the work.

Please email either myself or Monica once each subsequent report has been filed.

Dean McClure  
Petroleum Engineer, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
(505) 469-8211

---

From: Mandi Walker <mwalker@hilcorp.com>  
Sent: Monday, August 21, 2023 10:04 AM  
To: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>  
Cc: Scott Anderson <sanderson@hilcorp.com>; Lea Peters <lpeters@hilcorp.com>  
Subject: [EXTERNAL] FW: Upcoming OPE recompletes

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Dean,

Please see the request below. Can I list and attach the verbal approval to produce these wells for 3 months in the subsequent paperwork after the perforations are completed? We would go back in and DHC the wells after the time limit.

Thank you,

**Mandi Walker**

*SJN/SJS (6,7) Regulatory Technician Sr.*  
Office: 346.237.2177  
[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)

From: Scott Anderson <[sanderson@hilcorp.com](mailto:sanderson@hilcorp.com)>  
 Sent: Monday, August 21, 2023 10:49 AM  
 To: Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>  
 Cc: Rob Carlson <[rcarlson@hilcorp.com](mailto:rcarlson@hilcorp.com)>; Lea Peters <[lpeters@hilcorp.com](mailto:lpeters@hilcorp.com)>; Hayden Moser <[Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)>  
 Subject: Upcoming OPE recompletes

Mandi – Upon further evaluation of the upcoming OPE recompletes slated for late September we would like to exclusively test the OPE zone prior to commingling with the lower zones. This will give us the best indication of the OPE performance and will prevent data confusion as we are trying to prove up a new piece of technology that can have long-reaching impact on future operations. The lower zone would remain isolated post recomplete for a duration not to exceed 3 months, however we suspect it will be shorter than that (it all depends on how quickly the well lines out post recomplete). Here are the 3 wells in the OPE campaign that will be impacted.

Well	API	Current Formation	Current Rate
State Com K 7A	3004521702	MV	50 McfPD
Riddle E Com 1A	3004522419	MV	50 McfPD
Suter 3A	3004521704	MV	45 McfPD

Upon approval by the OCD, we will notify partners so that they will be aware of the production impact

Scott Anderson  
 San Juan North – Operations Engineer  
 Hilcorp Energy Company  
 W: 713-289-2772  
 C: 248-761-3965

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While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

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Submit To Appropriate District Office Two Copies 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	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised April 3, 2017  1. WELL API NO. 30-045-21704 2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No.
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**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)	5. Lease Name or Unit Agreement Name SUTER  6. Well Number: 3A
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7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator Hilcorp Energy Company  10. Address of Operator 382 Road 3100, Aztec, NM 87410	9. OGRID 372171  11. Pool name or Wildcat Basin Fruitland Coal
---	--

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	14	32N	11W		990	South	1850	East	San Juan
BH:										

13. Date Spudded 2/23/1975	14. Date T.D. Reached 3/11/1975	15. Date Rig Released 11/1/2023	16. Date Completed (Ready to Produce) 11/14/2023	17. Elevations (DF and RKB, RT, GR, etc.) 6261' GR
18. Total Measured Depth of Well 5500'		19. Plug Back Measured Depth 5482'	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run CBL

22. Producing Interval(s), of this completion - Top, Bottom, Name  
 Fruitland Coal (2745'-2988')

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	32.75 H-40	165'	13 3/4"	125 sx	
7	23 K-55	3250'	8 3/4"	165 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	3065'	5495'	290 sx		2 3/8"	2906'	

26. Perforation record (interval, size, and number) FRUITLAND COAL (2745' - 2988') INTERVAL W/528 SHOTS @ 0.45' DIA W/8 SPF	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <span style="float: right;">I</span> DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED _____ _____ _____
--	--

**28. PRODUCTION**

Date First Production 11/14/2023		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Flowing				Well Status ( <i>Prod. or Shut-in</i> ) Prod	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 12	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press. SI 150	Casing Pressure SI 0	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 12	Water - Bbl. 0	Oil Gravity - API - ( <i>Corr.</i> )	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)  
 Sold

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date: 11/1/2023

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD83

*I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief*

Signature Printed Name Amanda Walker Title Operations Regulatory Tech Sr. Date 11/17/2023

E-mail Address [mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 1660'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 1800'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 2561'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 2993'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 4526'	T. Leadville
T. Queen	T. Silurian	T. Menefee 4909'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 5268'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 5644'	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....  
 No. 2, from.....to..... No. 4, from.....to.....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

**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 286784

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 286784
	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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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 286784

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 286784
	Action Type: [C-104] Completion Packet (C-104C)

**CONDITIONS**

Created By	Condition	Condition Date
smcgrath	None	11/17/2023