

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

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date Test Allowable - RT
⁴ API Number 30-045-09435	⁵ Pool Name Basin Fruitland Coal	⁶ Pool Code 71629
⁷ Property Code 318563	⁸ Property Name Howell C	⁹ Well Number 4

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
N	18	30N	08W		928	South	927	West	San Juan

¹¹ 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.
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 9/28/1957	²² Ready Date ~10/20/2023	²³ TD 5366'	²⁴ PBSD 5350'	²⁵ Perforations ~2867-3051	²⁶ DHC, MC 5323
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4"	10 3/4", 32.75#, SW	173'	150 sx		
9 7/8"	7 5/8", 26.4#, J-55	3348'	250 sx		
6 3/4"	5 1/2", 15.5#, J-55	TOL: 3256' BOL: 5360'	300 sx		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date ~10/20/2023	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² 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: 10/12/2023	OIL CONSERVATION DIVISION	
	Approved by: Sarah McGrath	
	Title: Petroleum Specialist - A	
	Approval Date: 10/17/2023	
	RT Expires 11/19/2023	
Phone: 346-237-2177		

Mandi Walker

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, October 4, 2023 10:17 AM
To: Rennick, Kenneth G; Scott Anderson
Cc: Hayden Moser; Clay Padgett; Mandi Walker; JP Knox; Amanda Atencio; Russell Crouch; Shane Smith; Michael Mayfield
Subject: RE: [EXTERNAL] Hilcorp - Howell C 4: FRC recomplete

Categories: NMOCD

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

NMOCD approves the squeeze at liner top – an mit is required after drill out – please notify 24 hours prior to testing.

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: Rennick, Kenneth G <krennick@blm.gov>
Sent: Wednesday, October 4, 2023 8:24 AM
To: Scott Anderson <sanderson@hilcorp.com>; 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 - Howell C 4: FRC recomplete

Thank you Scott for the information. The procedure is appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office

6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Wednesday, October 4, 2023 8:16 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.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 - Howell C 4: FRC recomplete

Monica and Kenny – As you are aware, we did not pass the MIT on the Howell C 4, but we were able to isolate the hole in casing to the liner top (between 3251-3266'). The CBL across this section shows good coverage, so the leak we are going after is pretty small. The plan for the day is to lay a balanced plug across the hole/liner top, apply pressure to squeeze the hole with cement and let it set. We will then drill out and re-pressure test. Please let me know if you have any questions. Thank you!

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>
Sent: Monday, October 2, 2023 3:28 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Scott Anderson <sanderson@hilcorp.com>
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 - Howell C 4: FRC recomplete

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NMOCD approves continuing with recomplete into the Fruitland Coal formation through perforations from 2867 to 3051

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: Rennick, Kenneth G <krennick@blm.gov>
Sent: Monday, October 2, 2023 12:54 PM
To: Scott Anderson <sanderson@hilcorp.com>; 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 - Howell C 4: FRC recomplete

The BLM finds the proposed perforations appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

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

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Monday, October 2, 2023 12:26 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@state.nm.us>; Rennick, Kenneth G <krennick@blm.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: [EXTERNAL] Hilcorp - Howell C 4: FRC recomplete

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Monica, Kenny – Attached is the new CBL on the Howell C 4 (API: 3004509435). The cement quality on the Howell C 4 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 2867-3051' (vs. the NOI'd depth of 2740-3080'). The MIT was not successful this morning,

however we need to change the wellhead out on this well and if that proves to be the reason for the leak, I will let you know and schedule the retest. Once we have a passing MIT we would like to proceed with perforating and fracing 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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 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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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 275100

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 275100
	Action Type: [C-104] Transport Authorization (C-104)

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 275100

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 275100
	Action Type: [C-104] Transport Authorization (C-104)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	RT Expires 11/19/2023	10/17/2023