<b>Received by OCD:</b> 7/13/2023 2:00:55 PM	
1625 N. French Dr., Hobbs, NM 88240	Ener
<u>District II</u> 811 S. First St., Artesia, NM 88210	Liter
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	
, , ,	

State of New Mexico gy, Minerals & Natural Resources

**Page 1 of 16** Form C-104 Revised August 1, 2011

Submit one copy to appropriate District Office

AMENDED REPORT

1220 South St. Francis Dr. Santa Fe, NM 87505

Oil Conservation Division

	,			
<b>REQUEST F</b>	OR ALLOWABLE	AND AUTHORIZ	ZATION TO TR	RANSPORT

	I.	RE	QUEST	FO	R ALL	OWABLE A	AND AUT	HOR	IZATION TO	O T	RANSPO	RT
<sup>1</sup> Operator			ess						<sup>2</sup> OGRID Num	ber		
Hilcorp Ene		npany									372171	
382 Road 3								Ĩ	<sup>3</sup> Reason for Fi	ling (	Code/ Effectiv	ve Date
Aztec, NM	87410									0	RC	
<sup>4</sup> API Numb	er		<sup>5</sup> Pool Na	me						6]	Pool Code	
30-045-34	321					Basin Fruit	and Coal				•	71629
<sup>7</sup> Property (	Code		<sup>8</sup> Propert	v Na	me					9 1	Well Number	
	8617			,		Mansf	ïeld					11N
II. <sup>10</sup> Sur	face L	ocatio	1									
Ul or lot no.	Section		nship Rai	nge	Lot Idn	Feet from the	North/Sout	h Line	Feet from the	Eas	t/West Line	County
K	29	30				1685	S		1505		W	San Juan
<sup>11</sup> Bot	tom H	ole Lo	cation									
UL or lot no.	Section		-		Lot Idn				Feet from the	Eas	t/West Line	County
L	29	30	N 09	W		1949'	South	L	726'		West	San Juan
<sup>12</sup> Lse Code	<sup>13</sup> Prod	ucing Met	thod <sup>14</sup> (	as Co	onnection	<sup>15</sup> C-129 Perm	nit Number	<sup>16</sup> C	-129 Effective Da	te	<sup>17</sup> C-129	Expiration Date
F		Code		Da	ate	0-12) 1 011	int Plumber	C-	-12) Effective Da	iii C	C-12)	
	1.0	F										
III. Oil a		s Trans	sporters			10						••
<sup>18</sup> Transpor	ter					<sup>19</sup> Transpor						<sup>20</sup> O/G/W
OGRID						and Ad	dress					
248440						Western I	Refinery					0
151618						Enter	orise					G
						-						

### **IV. Well Completion Data**

		ata				
<sup>21</sup> Spud Date 10/19/2007		eady Date 19/2023	<sup>23</sup> TD 7335'	<sup>24</sup> PBTD 7323'	<sup>25</sup> Perforatio 2648' – 276	
<sup>27</sup> Hole Siz	e	<sup>28</sup> Casing	& Tubing Size	<sup>29</sup> Depth Set		<sup>30</sup> Sacks Cement
12 ¼"		9 5/8",	32.3#, H-40	364'		275 sx
8 <sup>3</sup> /4"		7", 2	23#, L-80	3884'		621 sx
6 <sup>1</sup> /4"		4 ½",	11.6#, L-80	7331'		260 sx
		2 3/8"	°, 4.7#, J-55	7220'		

#### V. Well Test Data <sup>35</sup> Tbg. Pressure SI - 0 <sup>36</sup> Csg. Pressure SI - 120 <sup>34</sup> Test Length <sup>31</sup> Date New Oil <sup>32</sup> Gas Delivery Date <sup>33</sup> Test Date 6/19/2023 6/19/2023 24 hrs <sup>37</sup> Choke Size <sup>38</sup> Oil Water <sup>40</sup> Gas <sup>41</sup> Test Method 21/64" 0 0 36 <sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have OIL CONSERVATION DIVISION been complied with and that the information given above is true and complete to the best of my know lge and belief. Approved by: Sarah McGrath Signature: Watter Printed name: Title: Petroleum Specialist - A Amanda Walker Title: Approval Date: 07/13/2023 Operations Regulatory Tech Sr. E-mail Address: mwalker@hilcorp.com Date: 7/10/2023 Phone: 346-237-2177

even by OCD: 7/13/2023 2:00:55 PM I.S. Department of the Interior UREAU OF LAND MANAGEMENT		Sundry Print RepC 07/10/202
Well Name: MANSFIELD	Well Location: T30N / R9W / SEC 29 / NESW / 36.780261 / -107.807377	<b>County or Parish/State:</b> SAN JUAN / NM
Well Number: 11N	<b>Type of Well:</b> CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077833A	<b>Unit or CA Name:</b> MANSFIELD, MANSFIELD - W/2 MV	Unit or CA Number: NMNM73156, NMNM74066
US Well Number: 3004534321	Well Status: Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

## **Subsequent Report**

Sundry ID: 2739944

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/10/2023

Date Operation Actually Began: 05/09/2023

Type of Action: Recompletion Time Sundry Submitted: 07:25

Actual Procedure: The following well has been recompleted into the Fruitland Coal and is now producing as a DHC with the existing MV/DK. Please see the attached for the recompletion operations.

SR Attachments

### **Actual Procedure**

Mansfield\_11N\_RC\_SR\_Writeup\_20230710072543.pdf

Received by OCD: 7/13/2023 2:00:55 PM Well Name: MANSFIELD	Well Location: T30N / R9W / SEC 29 / NESW / 36.780261 / -107.807377	County or Parish/State: SAN JUAN / NM
Well Number: 11N	<b>Type of Well:</b> CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077833A	<b>Unit or CA Name:</b> MANSFIELD, MANSFIELD - W/2 MV	Unit or CA Number: NMNM73156, NMNM74066
<b>US Well Number:</b> 3004534321	Well Status: Producing Gas Well	<b>Operator:</b> 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** 

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST.

City: HOUSTON

State: TX

State:

Phone: (346) 237-2177

Email address: mwalker@hilcorp.com

## **Field**

Representative Name: Street Address: City: Phone: Email address:

**BLM Point of Contact** 

BLM POC Name: KENNETH G RENNICK BLM POC Phone: 5055647742 Disposition: Accepted Signature: Kenneth Rennick Signed on: JUL 10, 2023 07:25 AM

BLM POC Title: Petroleum Engineer BLM POC Email Address: krennick@blm.gov

Zip:

Disposition Date: 07/10/2023

Mansfield 11N 30-045-34321 NMSF077833A SR Recomplete

5/9/2023: MIRU. CK PRESSURES (SICP-77, SITP-77, SIICP-30, SIBHP-0). ND WH. NU BOP & FT, GOOD TST. UNLAND TBG TAGGED FILL @ 7296'. SCAN OOG W/TBG. SDFN.

5/10/2023: CK PRESSURES (SICP-74, ITP-0, NA SIICP-0 SIBHP-0). MU BIT & CIBP. TIH & **SET @ 4275'**. DISPLACE HOLE W/67 BBLS FW. PRTST CSG T/600 PSI, TST GOOD. RU ELINE & SHOOT SQUEEZE HOLES 4 SPF F/2942' T/2943'. MU 4 ½" CMT RETAINER. SDFN.

5/11/2023: CK PRESSURES (SICP-0, SITP-0, SIICP-0, SIBHP-0). CONT TIH & SET **CMT RETAINER @ 2914'**. ATTEMPT TO EST CIRC INTO SQUEEZE PERFS, NO INJECTION. TIH W/BIT & EST CIRC. **DO CMT RETAINER @ 2914'.** ATTEMPT T/ESTABLISH AN INJECTION RATE, NO INJECTION. TOH W/3-7/8" BIT. R/U ELINE. PERF 4-1/2" CSG F/2811' T/2812' (4 SPF). ESTABLISH INJ RATE OF 3 BPM @ 0 PSI, CIRC DN 4-1/2" & UP 7" CSG (35 BBLS T/BREAK CIRC). TIH W/4- 1/2" CMT RETAINER & SET @ 2762'. MIX & PMP 60 SXS OF TYPE 3 CMT (MAX SQUEEZE PRESSURE 900 PSI). TOC IN 7" CSG @ 2111', BOC @ 2811'. STING OUT OF RETAINER. TOH. SDFN.

5/12/2023: CK PRESSURES (SICP-0, SITP-0, SIICP-0, SIBHP-0). TIH W/BIT & TAG CMT @ 2754'. DO CMT T/**CMT RETAINER @ 2762'**. DO CMT RETAINER T/2764'. CO PLUG REMNANTS & CMT T/2812'. TIH W/3-7/8" BIT T/3097' T/ENSURE CSG CLEAR BELOW CBL DEPTH. TOH W/BIT. R/U E-LINE RUN CBL F/3000' T/SURFACE. SDFN.

5/15/2023: CK PRESSURES (SICP-0, SITP-0, SIICP-0, SIBHP-0). PERFORM MIT T/560 PSI F/30 MINS. MIT PASSED. WITNESSED BY CLARENCE SMITH/NMOCD. TIH W/**SCBP & SET @ 2790'**. TOH & LD TBG. ND BOP. NU FRAC VALVE & PRTS, CHART & RECORD FRAC STACK & PROD CSG T/4800 PSI F/30 MINUTES, OK. RD WAIT FOR FRAC.

6/14/2023: CK PRESSURES (SITP: VACUUM SICP: 0 PSI SIBHP: 0 PSI). RU FRAC CREWS. **PERF FRUITLAND COAL (2699' – 2761') W/24 SHOTS, 0.34", 1 SPF** ALL SHOTS FIRED. FRUITLAND COAL STIMULATION: (2699' TO 2761') FRAC AT 50 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 384 BBLS TOTAL L FRAC: 249 BBLS TOTAL 100 MESH: 5089 TOTAL 20/40 SAND: 76,280 LBS TOTAL N2: 925,000 SCF. RIH & **SET ISOLATION PLUG @ 2680'. PERF FRUITLAND COAL (2648' – 2672') W/24 SHOTS, 0.34", 1 SPF**. ALL SHOTS FIRED. 0 FRUITLAND COAL STIMULATION: (2648' TO 2672') FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 662 BBLS TOTAL SLICKWATER: 301 BBLS TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL N2: 824,000 SCF. RU WL & TIH W/KILL **PLUG & SET @ 2600'**. CONDUCT NEGATIVE PSI TST, TST GOOD. RD FRAC CREW. WAIT FOR CLEAN OUT.

6/15/2023: CK PRESSURES (SICP-70, SITP-0, SIICP-0, SIBHP-0). ND FRAC STACK. NU BOP & FT, GOOD TST. TIH & **TAG KILL PLUG @ 2600' & DO**. CONT CO **TAG ISOLATION PLUG @ 2680' & DO**. SDFN.

6/16/2023: CK PRESSURES (SITP- 0 PSI. SICP- 780 PSI SIBHP 0 PSI). TIH & TAG @ 2736', 26' FILL ON TOP OF PLUG. RU PWR SWVL & CO FILL. **TAG TOP OF PLUG @ 2790', DO**. CONT TIH & TAG @ 3176'. CO FILL F/3176' T/3437'. TAG PLUG @ 4275'. SDFN.

6/17/2023: CK PRESSURES (SITP- 0 PSI. SICP- 600 PSI SIBHP 0 PSI). TIH & DO PLUG @ 4275'. SDFN.

Mansfield 11N 30-045-34321 NMSF077833A SR Recomplete

6/18/2023: CK PRESSURES (SITP- 0 PSI. SICP- 200 PSI SIBHP 0 PSI). TIH & TAG FILL @ 7316'. EST CIRC, CO FILL F/7316' T/7319'. TOOH W/BIT. TIH W/232 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 7220', SN @ 7219'. PBTD @ 7319'. ND BOP. NU WH. PMP 5 BBLS AHEAD W/5 GAL CORROSION INHIBITOR, DROPPED BALL. PT TBG STRING T/500 PSI. TST GOOD. POPPED OFF CK @ 820 PSI. UNLOAD FLUID. RDRR HAND WELL OVER TO OPERATIONS.

WELL NOW PRODUCING AS A FC/MV/DK TRIMMINGLE

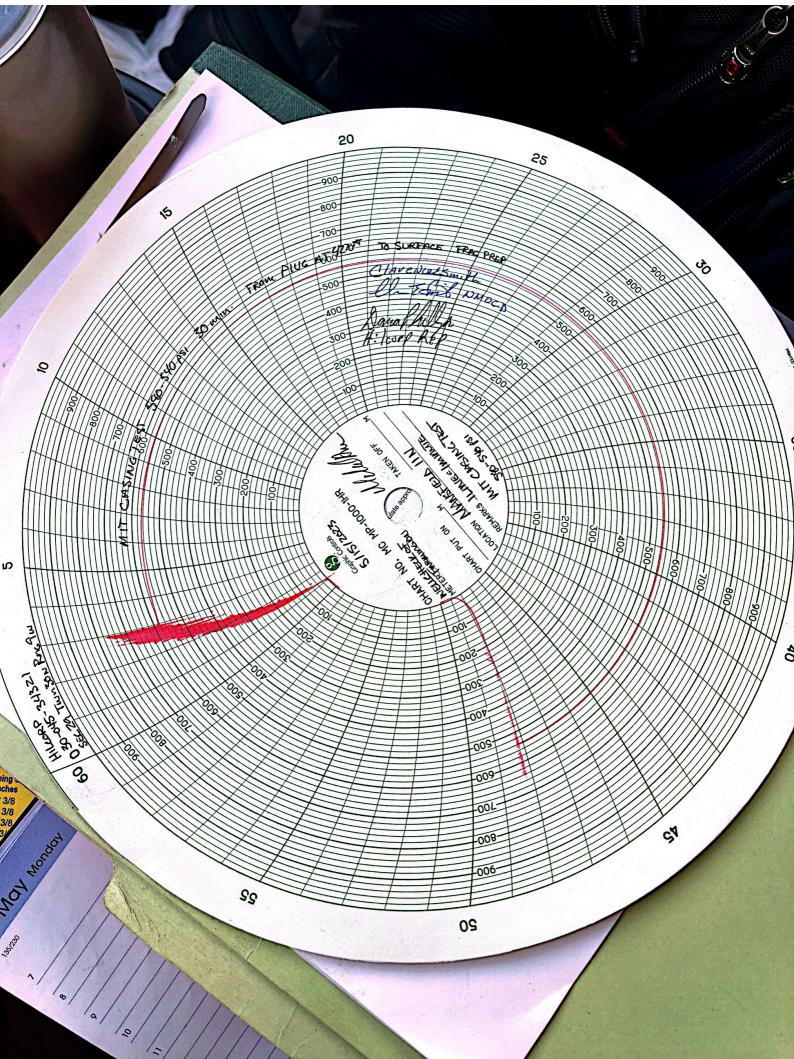
### Well Name: MANSFIELD #11N

Hilcorp Energy Company

PI/UWI 3004534		Surface Legal Location Field Name 029-030N-009W-K MV/DK COM	Route 0309	State/Province NEW MEXICO	Well Configuration Type DEVIATED
Fround Elev		Original KB/RT Elevation (ft) KB-Ground Distance 6,047.00 15.00	(ft) KB-Casing Flange	Distance (ft) KB-Tubing	Hanger Distance (ft)
		Original Hole [[	DEVIATED		
MD (ftKB)	TVD (ftKB)	Vertica	l schematic (actual)		
	(1110)	2 3/8in, Tubing Hanger; 2 3/8 in; 15.00 ftKB;			ement, Casing, 10/21/2007
16.1 -	- 16.1 -	16.00 ftKB		07:30; 15.00-363.8	30; 2007-10-21 07:30;
45.9 -	- 46.0 -	2 3/8in, Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 16.00 ftKB; 45.90 ftKB		BBLS TO SURFAC	75 SX CIRCULATING 25 CE
69.9 -	- 69.9	2 3/8in, Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft; J-55; 45.90 ftKB; 69.90 ftKB		1; Surface, 363.85	iftKB; 9 5/8 in; 9.00 in; 5 ftKB
				/ Intermediate Casir	ng Cement, Casing, 15.00-3,883.70; 2007-10-
363.8 -	- 363.8 -			☐25 15:45; CEMEN	T WITH 621 SX
1,379.9 -	- 1,362.4 -	— OJO ALAMO (OJO ALAMO (final)) ———————————————————————————————————			BBLS TO SURFACE
2,110.9 -	- 2,042.0 -	— FRUITLAND (FRUITLAND (final))		5/11/2023 18:30; 2 -11 18:30	2,111.00-2,943.00; 2023-05
2,648.0 -	- 2,545.7 -			/ 2,648.0-2,672.0ftK	(B on 6/14/2023 12:00
2,699.1 -	- 2,593.9 -		× × ×	2,672.00; 2023-06	
2,766.1 -	- 2,657.0 -			<b>X ( ) () ( ) ()()</b>	B on 6/14/2023 08:00 ND COAL); 2,699.00-
				2,761.00; 2023-06	-14 08:00 B on 5/11/2023 15:30
2,812.0 -	- 2,700.3 -				S); 2,811.00-2,812.00;
2,942.9 -	- 2,824.7 -	— LEWIS (LEWIS (final)) —		2,942.0-2,943.0ftK	B on 5/10/2023 15:00
2,950.1 -	- 2,831.6 -			(SQUEEZE PERF 2023-05-10 15:00	S); 2,942.00-2,943.00;
3,564.0 -	- 3,436.3 -	2 3/8in, Tubing ; 2 3/8 in; 4.70 lb/ft; J-55; 69.90 ftKB; 7,185.42 ftKB	<b>_</b>		
3,839.6 -	- 3,711.6 -				
3,883.9 -	- 3,755.8 -	X			883.73ftKB; 7 in; 6.37 in;
3,918.0 -	- 3,789.9 -			15.00 ftKB; 3,883.	73 ftKB (B on 11/13/2007 14:00
		- MASSIVE CLIFF HOUSE (MASSIVE C			JSE/MENEFEE); 4,320.00-
4,319.9 -	- 4,191.4 -	— MENEFEE (MENEFEE (final)) ————		4,646.0-5,054.0ftK	(B on 11/13/2007 11:30
4,574.1 -	- 4,445.4 -	E59		(PERF POINT LO	OKOUT); 4,646.00- -13 11:30
4,996.1 -	- 4,866.9 -			Production Casing	Cement, Casing, 2.950.00-7.330.50: 2007-
5,506.9 -	- 5,377.2 -	— MANCOS (MANCOS (final))		10-28 19:00; CEM	ENT WITH 260 SX TOC
6,971.5 -	- 6,840.2 -	UPPER-GALLUP (UPPER GALLUP (fi			
7,023.9 -	- 6,892.7 -				
7,127.0 -	- 6,995.6 -	2 3/8in, Tubing Pup Joint ; 2 3/8 in; 4.70 lb/ft; 			(B on 11/12/2007 12:45
7,185.4 -	- 7,053.9 -	2 3/8in, Tubing ; 2 3/8 in; 4.70 lb/ft; J-55; 7,187.52 ftKB; 7,218.62 ftKB		-11-12 12:45	.); 7,132.00-7,204.00; 2007
7,204.1 -	- 7,072.6 -	2 3/8in, F-NIPPLE; 2 3/8 in; 1.78 lb/ft; J-55; 7,218.62 ftKB; 7,219.72 ftKB			
7,219.8 -	- 7,088.3 -	2 3/8in, Expendable Check ; 2 3/8 in; 4.70		7.226.0-7 240 Offk	B on 11/12/2007 12:15
7,226.0 -	- 7,094.6 -	lb/ft; J-55; 7,219.72 ftKB; 7,220.22 ftKB			8); 7,226.00-7,240.00;
7,318.9 -	- 7,187.3 -	1 <u>8</u>		Cement Plug, Plug	g, 10/28/2007 19:01;
		<pre>(PBTD); 7,323.00</pre>			; 2007-10-28 19:01 30.53ftKB; 4 1/2 in; 4.00 in;
7,328.1 -	- 7,196.5 -			/ 15.00 ftKB; 7,330.	
7,330.4 -	- 7,198.8 -				; 2007-10-28 19:01
	eloton.cor	n Page			

**Current Schematic - Version 3** 

Received by OCD: 7/13/2023 2:00:55 PM



Released to Imaging: 7/13/2023 2:49:11 PM

;

### Mandi Walker

From:	Kuehling, Monica, EMNRD
Sent:	Friday, June 9, 2023 9:06 AM
То:	Rennick, Kenneth G; Amanda Atencio;
Cc:	Mandi Walker
Subject:	RE: [EXTERNAL] Mansfield 11N - FRC RC (API 300454321)

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

NMOCD approval is given to continue with recompletion in perforations 2646 through 2761 for the Fruitland Coal formation for api number 30-045-34321, Mansfield 11N

Thank you

Monica Kuehling Compliance Officer Supervisor Deputy Oil and Gas Inspector New Mexico Oil Conservation Division North District

From: Rennick, Kenneth G Sent: Monday, May 15, 2023 11:20 AM To: Amanda Atencio

; Kuehling, Monica, EMNRD

Cc: Mandi Walker Subject: Re: [EXTERNAL] Mansfield 11N - FRC RC (API 300454321)

The BLM finds the proposed perforations appropriate.

Kenny Rennick

Kenneth (Kenny) Rennick

Petroleum Engineer

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

;

From: Amanda Atencio Sent: Monday, May 15, 2023 10:32 AM To: Kuehling, Monica, EMNRD

; Rennick, Kenneth G

Cc: Mandi Walker Subject: RE: [EXTERNAL] Mansfield 11N - FRC RC (API 300454321)

Good morning all,

Please see the attached CBL that was ran on the Mansfield 11N. We would like to request continuing with our recomplete by perforating from 2646' – 2761'. Please let us know if we proceed.

Thank you,

## Amanda Atencio

Operations Engineer – SJN Hilcorp Energy Company

From: Amanda Atencio Sent: Thursday, May 11, 2023 10:24 AM To: Kuehling, Monica, EMNRD Cc: Mandi Walker Subject: RE: [EXTERNAL] Mansfield 11N - FRC RC (API 300454321)

Thank you. CBL is attached.

From: Kuehling, Monica, EMNRD Sent: Thursday, May 11, 2023 10:22 AM To: Rennick, Kenneth G ; Amanda Atencio Cc: Mandi Walker Subject: RE: [EXTERNAL] Mansfield 11N - FRC RC (API 300454321)

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

NMOCD approval to perforating at +/- 2800 feet.

Please submit cbl that you are working off of. I am not finding a cbl in the log file.

Thank you

Monica Kuehling Compliance Officer Supervisor Deputy Oil and Gas Inspector New Mexico Oil Conservation Division North District

From: Rennick, Kenneth G Sent: Thursday, May 11, 2023 9:19 AM To: Amanda Atencio Cc: Mandi Walker Subject: Re: [EXTERNAL] Mansfield 11N - FRC RC (API 300454321)

The BLM finds the proposed procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

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

From: Amanda Atencio Sent: Thursday, May 11, 2023 9:09 AM To: Kuehling, Monica, EMNRD < Cc: Mandi Walker < Subject: [EXTERNAL] Mansfield 11N - FRC RC (API 300454321)

>; Rennick, Kenneth G < >

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

Hello Kenny & Monica,

In the process of prepping the Mansfield 11N for recomplete, we shot holes in the 4-1/2" csg for our planned circulation squeeze. We are unable to get the cement to circulate up the annulus (likely due to ratty cement just above where we shot holes). We would like to come up and shoot squeeze holes at +/- 2810' (where we have free pipe) to try and establish injection from there. I have attached the approved NOI for reference. Please let us know if we may proceed.

Thank you kindly,

# Amanda Atencio

Operations Engineer – SJN Hilcorp Energy Company

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14. Date Spudded       15. Date T.D. Reached       16. Date Completed       6/19/2023       17. Elevations (DF, RKB, RT, GL)*         14. Total Eprit:       7207' TVD       19. Big Back T.D.:       7323' MD       7195' TVD       20. Depth Bridge Plug Set:       MD         17. Type Electric & Other Mechanical Logs Run (Submit copy of each)       7323' MD       7195' TVD       20. Depth Bridge Plug Set:       MD         21. Type Electric & Other Mechanical Logs Run (Submit copy of each)       CBL       22. Was well cored?       No       Yes (Submit analysis         23. Casing and Liner Record (Report all strings set in well)       Top (MD)       Bottom (MD)       Stage Cementer       No. of Sks. & Slurry Vol.       Cement top*       Amount Pulk         14. Tubing Record       Size/Grade       W1. (#ft).       Top (MD)       Bottom (MD)       Stage Cementer       No. of Sks. & Slurry Vol.       Cement top*       Amount Pulk         12. 1/4*       9.5/8*, H-40       32.3#       364'       22.7 Sts.       Slurry Vol.       Cement top*       Amount Pulk         3/4*       7*, L-80       11.6#       7331'       260 sx       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	Form 3160-4 Received by	OCD: 7/13/202	3 2:00:55	PM									Page 12 of 16
NMMSF077833A         In Type of Well       Other       Other       NMMSF077833A         In Type of Well       Now Well       Difference       NMMSF077833A         In Type of Well       Now Well       Difference       NMMSF077833A         In Type of Operator       New Well       Other       Plane No. (mbule area code)         3. Address         3. Address       Bit Plane No. (mbule area code)       SO-045-34321         In Type of Marcol Synch an accordance with Federal registrements)*       In Type of Marcol Synch an accordance with Federal registrements)*         A starting         Address       SO-045-34321         In Sec. 27 pt NL         Address       FruitIand Coal         In Sec. 27 pt NL         Address       So of Soc 28, 500 N, ROW         In Type IEx 726 PWL         Address       Soc 29, T30N, ROW         In Sec 20 pt Soc 7PVL       Soc 29, T30N, ROW         In Type IEx 726 PWL       Soc 29, T3				EPARTMEN	T OF	THE INT						OMB No. 1004	4-0137
In Type of Well       Oil Well       Oil Well       So well       Doy       Other       Phile Ruck       Diff. Rev.r.         0. the completion:       Other:       Recompletion       So with New Well       Unit or CA Agreement Neure and No.         2. Name of Operator       Nummer of Operator       So the Campeton So the Ca		WELL			ECOM	PLETION	REPOR	T AND L	.OG	5.			
b. Type of Completion:       Now Well       Work Over       December       Plug Back       Diff. Resyn.,         7. Unit or CA Agreement Name and No.       NNNN800.33         2. Name of Operator       8. Lawe Name and Well No.         3. Addexis       382 Road 3100, Aztrec, NM 87410       Sa. Phone Ni. (Include oree code)         4. Location of Well (Report location clearly and an accordance with Federal requirements)*       ID. Field and Pole Tellphramery         A surface       No. The Sa of Complete       ID. Field and Pole Tellphramery         A surface       Sare Provide Sare Sare Sare Sare Sare Sare Sare Sar	1a. Type of Well		Oil Well	X Gas Wel	1	Drv	Othe	r		6.			
Other:         Recomplete         NNNN80133           2. Name of Operator         Hilcorp Energy Company         Mansfield 11N         Mansfield 11N           3. Address         382 Road 3100, Aztec, NM 87410         Sa. Pince No. (include area code)         0. APH Well No. 30-045-34321           4. Lecation of Well (Report location cloarly and in accordance with Federal reportements)*         Ito. Field and Pool or Exploratory         Futuriand Coal           At storp ond. Interval reported helow L. (NESW) 1685' FSL & 1505' FWL         Sec. 29, T30N, R09W         11. Sec. T, R, M, on Block and Souvy or Anata           At storp prod. Interval reported helow L. (NESW) 1697 FSL & 210 FWL         If 5. Date T.D. Reached 10/27/2007         If 6. Date Completed 6/19/2023         6/19/2023           18. Total glaph         7207' TVD         IP, Figu Back TD : 7335' MD         7207' TVD         IP, Figu Back TD : 7335' MD         7207' TVD         IP, Figu Back TD : 7335' MD         20. Wes Well condition topol 00. Urectional Survey?         No         V (submit anaption Was DST mm?         No         V (submit anaption 00. Urectional Survey?         No         V (submit anaption 00. Urectional Survey?           21. Type Elsenic & Coher Machanical Lags. Run (Submit copy of each) CBL         Surg Crade         No         V (submit anaption 00. Urectional Survey?         No         V (submit anaption 00. Urectional Survey?           23. Casing and Linere Record (Report all strings set in well)					-	-			Diff. Res	svr.,			×
Mansfield 11N           Mansfield 11N           3. Address         Set Place No. (include area code)         A. PT Well No.           3. Address         3. A PT Well No.         3. Or PWI down in accordance with Federal requirements)*         10. Field and Pool of Exploratory           Truitland Coal           At starface           K (NESW) 1685 FSL & 1505' FWL           At starface           At starface           Comprod. Interval reported below:           L (NWSW) 1685 FSL & 1505' FWL           At total depth           10. Soc. 7, R. M. on Black and           Star PDL           At total depth           10/27/2007         ID at TD Reached         6/19/2023           11. Soc. 7, R. M. on Black and           Star PDL         New Mexia           Type Star PDL         New Mexia           10/27/2007         ID at N [2] Place Balge Place			Other:		Re	complete				7.	Unit or CA Agr		
3. Addres       3. Pome No. (include area code)       9. AP[Well No.         3. Address       (505) 599-3400       9. AP[Well No.         4. Location of Well (Report location clearly and in accordance with Federal requirements)*       10. Field and Pool of Exploratory         At top pred laterval reports below:       11. Sec. 7. RM. on Block and         1. Oxed depth       12. Costing and the accordance with Federal requirements)*         At top pred laterval reports below:       11. Sec. 7. RM. on Block and         1. And splade       1027/2007         16. Total Depth       1027/2007         17. State TD, Rachneld       1027/2007         18. Total Depth       7027 TVD         19. Pell Reds (Report all strings set in woll)       17. Elevations (DF, RKB, RT, GL)*         73.35 MD       709 CT         10. Top (MD)       Botom (MD)         21. Type Elevitic & Other Mechanical Logs Run (Writh)       Top (MD)         12. Type Struct       10. Depth Bridge Plag Set:       MD         12. Type Struct       No       Yes (Submit rambvis)         12. Type Struct       11. Set: Trait Depth       Type of Cement         73.48 (MD)       709 (MD)       Botom (MD)       Stage Cement         12. Type Struct       No       Yes (Submit rambvis)         13.48 (MT)	2. Name of Oper	rator	Hilc	orp Energy	Comp	anv				8.	Lease Name and		11N
4. Location of Well (Report location clearly and in accordance with Federal requirements)*       Io. Field and Pool or Exploratory         At startice:       K (NESW) 1685' FSL & 1505' FWL       Startice:       Survey or Area         At top not Interval reported below:       L.(NYSW) 1949' FSL & 726' FWL       Io. End and Pool or Exploratory       Io. State         At total depth       10/207/2007       I5. Date T.D. Reached       Io. Partsh       Io. End and Pool or Exploratory         14. Date Spadded       14. Date Spadded       IO/207/2007       IS. Date T.D. Reached       Io. Partsh       Io. End and Pool or Exploratory         7338' MD       7020' TVD       IO. Prigs Back T.D.:       Ready to Prod.       Bootph Single Plag Set:       MD         7338' MD       720' TVD       7322' MD       7195' TVD       Io. Depth Single Plag Set:       MD         7338' MD       720' TVD       7323' MD       7195' TVD       Io. Depth Single Plag Set:       MD       Yes (Submit analysis)         21. Type Electric & Other Mechanical Lags Run (Submit copy of each)       CBL       Io. Single Cementer       No.       Yes (Submit analysis)         23. Casing and Liner Record (Report all strings set in well)       Hole Size       Single Cementer       No.       Yes (Submit analysis)         414' 4 1/2'', L-80       11.6#       7331'       268 sx       Su		382 Road 3100								9.	API Well No.		
At surface       II. Sec. T. R. M., on Block and         Survey or Aris       Survey or Aris         At top prod. Interval reported below       II. Sec. 29, T30N, R09W         LINWSW) 1949 TSL & 726 TWL       San Juan         At dad depth       12. County or Parish       II. Sec. 29, T30N, R09W         14. Date Spudded       10/20/2007       10/27/2007       Io. Date C.D. Reached       6/19/2023         15. Total Depth.       7207 'TVD       Pipe Back T.D.       San Juan       New Mexit         7335' MD       7207 'TVD       Pipe Back T.D.       ZD. Depth Bridge Plug Set:       MD         7335' MD       7207 'TVD       Pipe Back T.D.       ZD.       Depth Bridge Plug Set:       MD         21. Type Electric & Other Mechanical Logs Run (Submit copy) or each       CBL       ZD.       No       Yes (Submit report)         23. Casing and Liner Record (Report all strings set in well)       Edu       State Crement       No. of Sks. & Sturry Vol. (BBL)       Cement top*       Amount Pulk         12. 1/4"       9 6/8", H-40       32.3#       364"       C27 Sxk       Amount Pulk         12. 1/4"       9 6/8", H-40       32.3#       364"       C27 Sxk       Amount Pulk         23. 720'       No       10.6#       7331'       268 Sx       Amount Pu					leral requ	uirements)*	(000)	000 040		10	). Field and Pool	or Exploratory	
At top prod. Interval reported below L(NWSW) 1997 FSL & 726 FWL.       I3. State       New Mexie         14. Data depth       I5. Date T.D. Reached 10/27/2007       I6. Date Completed 10/27/2007       6/19/2023       I7. Elevations (DF. RKB, RT, GL)*       New Mexie         13. Total Depth: 7335 <sup>3</sup> MD       7207' TVD       I9. Pug Back T.D: 7323 <sup>3</sup> MD       I0. Depth Bridge Plag Set:       MD       Yes (Submit analysis Was DST run?       No       Yes (Submit report)         21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL       CBL       22. Was well cored?       No       Yes (Submit report)         22. Casing and Liner Record (Report all strings set in well)       CBL       Stage Cementer Depth       No. of Sks. & Type (Crement GBL)       Sharry Vol. (BBL)       Cement top*       Amount Pulk         12. Tubing Record       Wit. (#/fit.)       Top (MD)       Bottom (MD)       Stage Cementer Depth       No. of Sks. & Type of Cement top*       Amount Pulk         13. Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)         23. Rel Y 720       23. Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD) </td <td></td> <td>SW) 1685' FSL &amp;</td> <td>1505' FW</td> <td>'L</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>I., on Block and Area</td> <td></td>		SW) 1685' FSL &	1505' FW	'L						1		I., on Block and Area	
At ratial depth       San Juan       New Mexia         14. Data ED, Reached 10/20/2007       15. Dat T.D. Reached 10/27/2007       16. Date Completed 0/19/20/23       6/19/20/23       17. Elevations (t)F, RKB, RT, G)." 6028' GL         18. Total Depth: 7335' MD       7207' TVD       19. Plug Back T.D.: 7325' MD       7195' TVD       20. Depth Bridge Plug Set: TVD       MD       TVD         21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL       CBL       22. Was well cored?       No       Yes (Submit analysis Was DST run?       No       Yes (Submit report)         23. Casing and Liner Record (Report all strings set in well)       Top (MD)       Bottom (MD)       Stage Cementer Type of Cement Bottom 1       No. of Sks. & (BL)       Stage Cementer (BBL)       No. of Sks. & (BL)       No. of Sks. & (BL)       Yes (Submit analysis Was DST run?       No. of Sks. & (BL)       Yes (Submit report)         24. TAVA"       9.58", H-40       32.3#       364'       621 sx       -       -         8 3/4"       7'', L-80       11.6#       7331'       260 sx       -       -         24. Tubing Record       Size       Depth Set (MD)       Size       Depth Set (MD)       Size       Depth Set (MD)       Packer Depth (Q         23. Forducing Interval       Top       Bottom       Top       Bottom       Forefrontion R	••	•								1	2. County or Par		
10/20/2007         10/27/2007         □ b & A         X Ready to Prod.         6028' GL           18. Total Depth: 7335' MD         7207' TVD         19. Plug Back T.D.: 7323' MD         7195' TVD         20. Depth Bridge Plug Set: Was DST run?         MD           21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL         22. Was well cored?         X No         Y es (Submit analysis Was DST run?         Y No         Y es (Submit analysis Was DST run?         Y es (Submit report)           23. Casing and Liner Record (Report all strings set in well)         Top (MD)         Botom (MD)         Stage Cementer Depth         No. of Sks. & (BBL)         Shurry Vol. (BBL)         Cement top*         Amount Pulk           12 1/4"         9.50°, H-40         32.3 #         364'         275 x              14 12 7, L-80         23#         3884'         621 sx                24. Tubing Record         Size         Depth Set (MD)         Size         Depth Set (MD)         Size         No. Holes         Perf. Status           3. Forducing Intervals         26. Perforation Record          Size         No. Holes         Perf. Status           23. Producing Intervals         26. Perforation Record           Size											Sa	n Juan	New Mexico
18. Total Depth: 7325' MD       7207' TVD       19. Plug Back T.D: 7323' MD       7195' TVD       20. Depth Bridge Plug Set: TD       MD         21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL       CBL       20. Depth Bridge Plug Set: TD       No       Yes (Submit analysis Was DST run?         23. Casing and Liner Record ( <i>Report all strings set in well</i> )       CBL       21. Top (MD)       Bottom (MD)       Stage Cementer Depth       No       Start (BBL)       Cement top*       Amount Pulk         14. 12 114"       9 56°; rH=0       32.3#       364'       2755x       1       1       Amount Pulk         12 114"       9 56°; rH=0       32.3#       384'       621 fsx       1       4       10.0       No       Yes (Submit copy)         24. Tubing Record       31.6#       7331'       260 sx       1       1       1       10.0       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       No       Perf. Status         25. Producing Intervals       26. Perforation Record       1       1       Squeezed Holes       Squeezed       Squeezed <td< td=""><td>•</td><td></td><td>15. Da</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>7. Elevations (D</td><td></td><td>iL</td></td<>	•		15. Da								7. Elevations (D		iL
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)       22. Was well cored?       No       Yes (Submit analysis Vas DST run?         23. Casing and Liner Record (Report all strings set in well)       Yes (Submit report)       No       Yes (Submit report)         23. Casing and Liner Record (Report all strings set in well)       Top (MD)       Bottom (MD)       Stage Cementer       No. of Sks. & Slurry Vol. (BBL)       Cement top*       Amount Pulk         12. 114"       9 5/8*, H-40       32.3#       364'       27.55X       Cement top*       Amount Pulk         8. 3/4"       7", L-80       23.#       3884'       621 sx       Amount Pulk         8. 3/4"       71, L-80       11.6#       7331'       260 sx       -       -         24. Tubing Record       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (P         25. Producing Intervals       26. Perforation Record       Size       No. Holes       Perf. Status         A)       Truitland Coal       2648'       2761'       1 Size       No. Holes       Perf. Status         B)       Squeeze Holes       2811'       2812'       Squeezed       Squeezed       Squeezed         Ci       Squeeze Holes       2942'       2943'       Squee			70071			T.D.:	4		20.		idge Plug Set:		
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         On of Sks. & (BBL)         Cement top*         Amount Pulk           12 1/4"         9 5/8", H-40         32.3#         364'         2755x             Amount Pulk           6 1/4"         4 1/2", L-80         11.6#         731'         260 sx  <				mit copy of each)				7195 1		Was we	ll cored?	x No	Yes (Submit analysis)
Hole Size         Size/Grade         Wt. (#/ft.)         Top (MD)         Bottom (MD)         Stage Cement Depth         No. of Sks. & Type of Cement         Slurry Vol. (BBL)         Cement top*         Amount Pulk           12 1/4"         9 5/8", H-40         32.3#         364'         2275sx                   Amount Pulk           Amount Pulk               Amount Pulk                Amount Pulk				-									
12 1/4"         9 5/8", H-40         32.3#         364'         Type of Cement         (BBL)         Type of Cement         (Cement	J. J				))	Bottom (MD)	Stage (	Cementer			Slurry Vol.	Cement top*	Amount Pulled
6 1/4"         4 1/2", L-80         11.6#         7331'         260 sx         1           24. Tubing Record         24. Tubing Record         24. Tubing Record         24. Tubing Record         23/8"         7220'         23/8"         7220'         23/8"         7220'         23/8"         7220'         23/8"         7220'         23/8"         7220'         26. Perforation Record         26. Perforation Record         26. Perforation Record         26. Perforation Record         26. Perforated Interval         Size         No. Holes         Perf. Status           A)         Fruitland Coal         2648'         2761'         1 SPF         0.34"         48         Open           B)         Squeeze Holes         2811'         2812'         Squeezed         Squeezed           C)         Squeeze Holes         2942'         2943'         Squeezed         Squeezed           D)         27. Acid, Fracture, Treatment, Cement Squeeze, etc.         Squeezed         Squeezed         Squeezed           TOTAL L FRAC: 249 BBLS TOTAL 100 MESH: 5089 TOTAL 20/40 SAND: 76,280 LBS TOTAL SLICKWATER: 301 BBLS         TOTAL L FRAC: 249 BBLS TOTAL 100 MESH: 5087 TOTAL 20/40 SAND: 76,280 LBS TOTAL SLICKWATER: 301 BBLS           Fruitland Coal (2648' - 2672)         FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID: 24 BBL TOTAL LOAD: 662 BBLS TOTAL SLICKWATER: 301 BBLS					.,	Douoin (11D)	D	epth			(BBL)		
24. Tubing Record           Size         Depth Set (MD)         Packer Depth (MD)         Size         Depth Set (MD)         Packer Depth (MD)           23.8"         7220'         26.         Perforation Record           Size         Depth Set (MD)         Packer Depth (MD)         Size         Depth Set (MD)         Packer Depth (MD)           25. Producing Intervals         26.         Perforation Record         Size         No. Holes         Perf. Status           A)         Fruitland Coal         2648'         2761'         1 SPF         0.34"         48         Open           B)         Squeeze Holes         2811'         2812'         Squeezed         Squeezed           C)         Squeeze deles         2942'         2943'         Squeezed         Squeezed           D)         D         Image: State Stat													
Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)         23/8"       7220'       26.       Perforation Record       26.       Perforated Interval       Size       No. Holes       Perf. Status         A)       Fruitland Coal       2648'       2761'       1 SPF       0.34"       48       Open         B)       Squeeze Holes       2811'       2812'       0       Squeezed       Squeezed         C)       Squeeze, etc.       2942'       2943'       Squeezed       Squeezed         Do       0       0       0       0       Squeezed         77. Acid, Fracture, Treatment, Cement Squeeze, etc.       570 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 384 BBLS         Fruitland Coal (2699' - 2761')       FRAC AT 50 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 301 BBLS         Fruitland Coal (2648' - 2672)       FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 301 BBLS         TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL SLICKWATER: 301 BBLS       TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL N2: 824,000 SCF.         Squeeze (2811' - 2812')       MIX & PMP		,											
Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Packer Depth (MD)         23/8"       7220'       26.       Perforation Record       26.       Perforated Interval       Size       No. Holes       Perf. Status         A)       Fruitland Coal       2648'       2761'       1 SPF       0.34"       48       Open         B)       Squeeze Holes       2811'       2812'       0       Squeezed       Squeezed         C)       Squeeze, etc.       2942'       2943'       Squeezed       Squeezed         Do       0       0       0       0       Squeezed         77. Acid, Fracture, Treatment, Cement Squeeze, etc.       570 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 384 BBLS         Fruitland Coal (2699' - 2761')       FRAC AT 50 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 301 BBLS         Fruitland Coal (2648' - 2672)       FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 301 BBLS         TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL SLICKWATER: 301 BBLS       TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL N2: 824,000 SCF.         Squeeze (2811' - 2812')       MIX & PMP													
25. Producing Intervals       26. Perforation Record         Formation       Top       Bottom       Perforated Interval       Size       No. Holes       Perf. Status         A)       Fruitland Coal       2648'       2761'       1 SPF       0.34"       48       Open         B)       Squeeze Holes       2811'       2812'       Squeezed       Squeezed         C)       Squeeze Holes       2942'       2943'       Squeezed         D)       D       A       Fruitland Coal (2699' - 2761')       FRAC AT 50 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 384 BBLS         Fruitland Coal (2699' - 2761')       FRAC AT 50 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 384 BBLS         Fruitland Coal (2648' - 2672)       FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 652 BBLS TOTAL SLICKWATER: 301 BBLS         Fruitland Coal (2648' - 2672)       FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 662 BBLS TOTAL SLICKWATER: 301 BBLS         Squeeze (2811' - 2812')       MIX & PMP 60 SXS OF TYPE 3 CMT	Size	Depth Set (MD)	Pac	ker Depth (MD)		Size	Depth Set (N	AD) F	Packer Dep	pth (MD)	Size	Depth Set (MI	D) Packer Depth (MD)
A)         Fruitland Coal         2648'         2761'         1 SPF         0.34"         48         Open           B)         Squeeze Holes         2811'         2812'         Image: Squeezed         Squeezed         Squeezed           C)         Squeeze Holes         2942'         2943'         Image: Squeezed         Squeezed           D)         Image: Squeeze, etc.         Image: Squeeze,		-				26	5. Perforati	on Record					
B)         Squeeze Holes         2811'         2812'         Squeezed           C)         Squeeze Holes         2942'         2943'         Squeezed           D)         27. Acid, Fracture, Treatment, Cement Squeeze, etc.         Squeezed         Squeeze           Depth Interval         Amount and Type of Material         Fracture, Treatment, Cement Squeeze, etc.           Depth Interval         FRAC AT 50 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 384 BBLS           Fruitland Coal (2699' - 2761')         FRAC AT 50 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL N2: 925,000 SCF           Fruitland Coal (2648' - 2672)         FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 662 BBLS TOTAL SLICKWATER: 301 BBLS           Squeeze (2811' - 2812')         TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL N2: 824,000 SCF.           Squeeze (2942' - 2943')         MIX & PMP 60 SXS OF TYPE 3 CMT	A)				В 2	Bottom 2761'	Pe						
D) 27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval Fruitland Coal (2699' - 2761') Fruitland Coal (2648' - 2672) Squeeze (2811' - 2812') Squeeze (2942' - 2943') MIX & PMP 60 SXS OF TYPE 3 CMT	B)	Squeeze Holes	5	2811'	2	2812'		-					Squeezed
Depth Interval       Amount and Type of Material         Fruitland Coal (2699' - 2761')       FRAC AT 50 TO 60BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 657 BBLS TOTAL SLICKWATER: 384 BBLS         TOTAL L FRAC: 249 BBLS TOTAL 100 MESH: 5089 TOTAL 20/40 SAND: 76,280 LBS TOTAL N2: 925,000 SCF       FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 662 BBLS TOTAL SLICKWATER: 301 BBLS         Fruitland Coal (2648' - 2672)       FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 662 BBLS TOTAL SLICKWATER: 301 BBLS         Squeeze (2811' - 2812')       TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL N2: 824,000 SCF.         Squeeze (2942' - 2943')       MIX & PMP 60 SXS OF TYPE 3 CMT	D)	•		2342	2	.943							Squeezeu
Fruitland Coal (2699' - 2761')         TOTAL L FRAC: 249 BBLS TOTAL 100 MESH: 5089 TOTAL 20/40 SAND: 76,280 LBS TOTAL N2: 925,000 SCF           Fruitland Coal (2648' - 2672)         FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 662 BBLS TOTAL SLICKWATER: 301 BBLS           TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL N2: 824,000 SCF.         Squeeze (2811' - 2812')           Squeeze (2942' - 2943')         MIX & PMP 60 SXS OF TYPE 3 CMT	27. Acid, Fractur		queeze, etc.					А	mount and	d Type of I	Material		
Fruitland Coal (2648' - 2672)         FRAC AT 60 TO 70 BPM W/ 70 Q N2 FOAM. TOTAL ACID- 24 BBL TOTAL LOAD: 662 BBLS TOTAL SLICKWATER: 301 BBLS           TOTAL L FRAC: 337 BBLS TOTAL 100 MESH: 5067 TOTAL 20/40 SAND: 88,201 LBS TOTAL N2: 824,000 SCF.         Squeeze (2811' - 2812')           Squeeze (2942' - 2943')         MIX & PMP 60 SXS OF TYPE 3 CMT	Fruitla	nd Coal (2699' - :	2761')										
Squeeze (2811' - 2812')           Squeeze (2942' - 2943')           MIX & PMP 60 SXS OF TYPE 3 CMT		•											
	Squ	eeze (2811' - 281	2')		10.007	<u>BBEO TO IX</u>					· · ·	5 TAL 142. 024,000	
28. Production - Interval A	28. Production -	Interval A	· · ·			-		MIX &			YPE 3 CMT		
Date First     Test Date     Hours     Test     Oil     Gas     Water     Oil Gravity     Gas     Production Method       Produced     Tested     Production     BBL     MCF     BBL     Corr. API     Gravity     Gas     Production Method		Test Date						-			Production	Method	
6/19/2023         24         0         36         0         Flowing           Choke         Tbg. Press.         Csg.         24 Hr.         Oil         Gas         Water         Gas/Oil         Well Status		The Press					-	Cas/Oil		Wall Statu	_	Flov	ving
ChokeTbg. Press.Csg.24 Hr.OilGasWaterGas/OilWell StatusSizeFlwg.Press.RateBBLMCFBBLRatio		0							,	men statu	3		
21/64" SI - 0 SI - 120 • • 0 36 0 Producing			SI-120		0	36	0					Producing	
28a. Production - Interval B       Date First     Test Date     Hours     Test     Oil     Gas     Water     Oil Gravity     Gas     Production Method			Hours	Test	Oil	Gas	Water	Oil Gravity	,	Gas	Production	Method	
Produced Tested Production BBL MCF BBL Corr. API Gravity	Produced		Tested I	Production	BBL	MCF	BBL	Corr. API	(	Gravity			
Choke     Tbg. Press.     Csg.     24 Hr.     Oil     Gas     Water     Gas/Oil     Well Status       Size     Flwg.     Press.     Rate     BBL     MCF     BBL     Ratio		Flwg.								Well Statu	s		

\*(See instructions and spaces for additional data on page 2)

### Received by OCD: 7/13/2023 2:00:55 PM

28b. Producti	ion - Interval C								
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio		
28c. Producti	ion - Interval D								
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
								2	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio		
5120	ē	11055.	Kate	DDL	WICI	DDL	Kauo		
	SI								
29. Dispositio	on of Gas (Sold, us	ed for fuel, ve	ented, etc.)	•					

SOLD

31. Formation (Log) Markers

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.

					Тор
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo	1380	1488	White, cr-gr ss	Ojo Alamo	1380
Kirltand	1488	2211	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1488
Fruitland	2211	2766	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2211
Pictured Cliffs	2766	2944	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2766
Lewis	2944	0	Shale w/ siltstone stingers	Lewis	2944
Huerfanito Bentonite		3918	White, waxy chalky bentonite	Huerfanito Bentonite	0
Chacra	3918	4315	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3918
Cliff House	4315	4573	Light gry, med-fine gr ss, carb sh & coal	Cliff House	4315
Menefee	4573	4996	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4573
Point Lookout	4996	5507	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4996
Mancos	5507	6340	Dark gry carb sh.	Mancos	5507
Gallup	6340	7024	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6340
Greenhorn	7024	7087	Highly calc gry sh w/ thin Imst.	Greenhorn	7024
Graneros	7087	7127	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7087
Dakota	7127	7236'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7127
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure):

# This well is now producing as a FC/MV/DK Trimingle under DHC 5291 $_{\rm FC\ \#\ NMNM80133}$

Electrical/Mechanical Logs (1 ful	ll set req'd.)	Geologic Report		ST Report	Directional Survey
undry Notice for plugging and c	cement verification	Core Analysis	Ot	her:	
hereby certify that the foregoing a Name (please print)	and attached information is comp	•	from all available Title		ed instructions)* s/Regulatory Technician - Sr.

### Mandi Walker

From:	blm-afmss-notifications@blm.gov
Sent:	Monday, July 10, 2023 1:16 PM
То:	Mandi Walker
Subject:	[EXTERNAL] Well Name: MANSFIELD, Well Number: 11N, 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: MANSFIELD
- § Well Number: 11N
- § US Well Number: 3004534321
- § Well Completion Report Id: WCR2023071088588

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

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

Operator: OG	GRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street Acti	ction Number:
Houston, TX 77002	239879
Acti	ction Type:
	[C-104] Completion Packet (C-104C)

#### ACKNOWLEDGMENTS $\overline{\checkmark}$ I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion. $\overline{\checkmark}$ I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

ACKNOWLEDGMENTS

Action 239879

Page 15 of 16

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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District III

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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

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	239879
	Action Type:
	[C-104] Completion Packet (C-104C)

### CONDITIONS

Created By		Condition Date
smcgrath	None	7/13/2023

Action 239879