Received by OCD: 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

	,			
REQUEST F	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
¹ Operator			ess						² OGRID Num	ber		
Hilcorp Ene		npany									372171	
382 Road 3								Ĩ	³ Reason for Fi	ling (Code/ Effectiv	ve Date
Aztec, NM	87410									0	RC	
⁴ API Numb	er		⁵ Pool Na	me						6]	Pool Code	
30-045-34	321					Basin Fruit	and Coal				•	71629
⁷ Property (Code		⁸ Propert	v Na	me					9 1	Well Number	
	8617			,		Mansf	ïeld					11N
II. ¹⁰ 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
¹¹ 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
¹² Lse Code	¹³ Prod	ucing Met	thod ¹⁴ (as Co	onnection	¹⁵ C-129 Perm	nit Number	¹⁶ C	-129 Effective Da	te	¹⁷ 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						••
¹⁸ Transpor	ter					¹⁹ Transpor						²⁰ O/G/W
OGRID						and Ad	dress					
248440						Western I	Refinery					0
151618						Enter	orise					G
						-						

IV. Well Completion Data

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

V. Well Test Data ³⁵ Tbg. Pressure SI - 0 ³⁶ Csg. Pressure SI - 120 ³⁴ Test Length ³¹ Date New Oil ³² Gas Delivery Date ³³ Test Date 6/19/2023 6/19/2023 24 hrs ³⁷ Choke Size ³⁸ Oil Water ⁴⁰ Gas ⁴¹ Test Method 21/64" 0 0 36 ⁴² 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	County or Parish/State: SAN JUAN / NM
Well Number: 11N	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077833A	Unit or CA Name: MANSFIELD, MANSFIELD - W/2 MV	Unit or CA Number: NMNM73156, NMNM74066
US Well Number: 3004534321	Well Status: Producing Gas Well	Operator: 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	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077833A	Unit or CA Name: MANSFIELD, MANSFIELD - W/2 MV	Unit or CA Number: NMNM73156, NMNM74066
US Well Number: 3004534321	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: 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

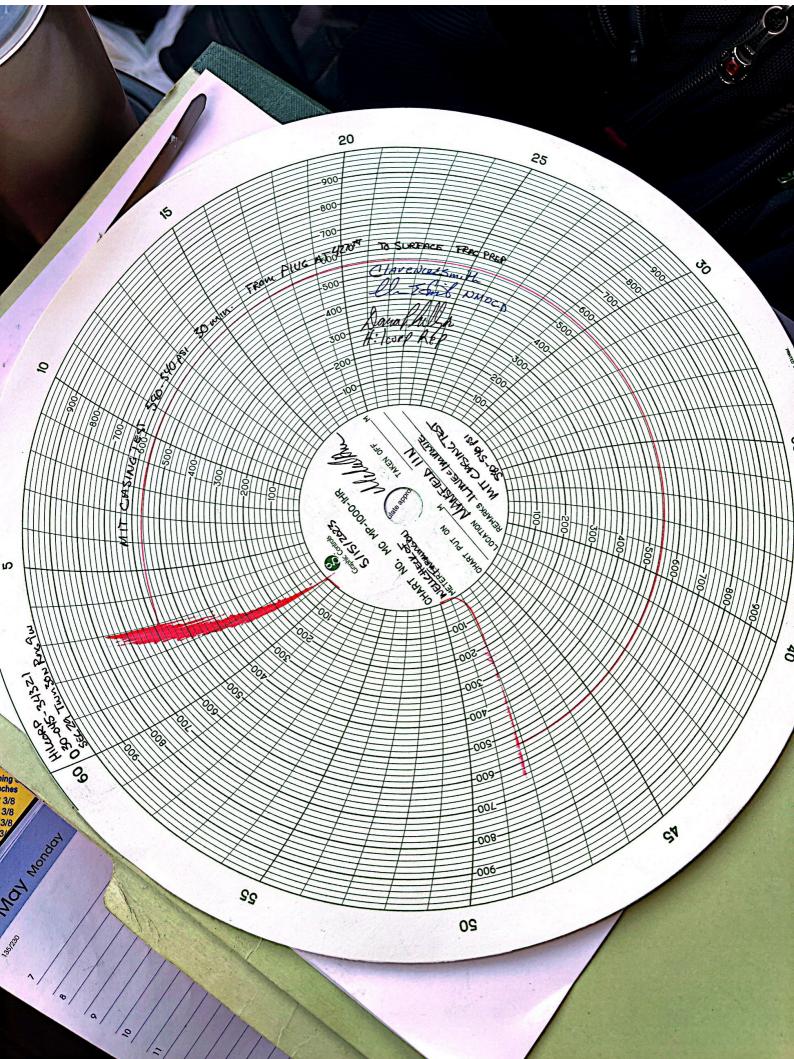
Well Name: MANSFIELD #11N

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 -			X () () () ()()	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	_		
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 ³ MD 7207' TVD I9. Pug Back T.D: 7323 ³ 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 &</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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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