Received by OCD: 7/20/2023 3:26:01 PM District I 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources

Page 1 of 18 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

REOUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

	I.	REQU	EST FO	R ALL	OWABLE A	AND AUT	HOR	IZATION TO	O TRANSPO	RT	
¹ Operator	name and Address ² OGRID							² OGRID Num	mber		
	Hilcorp Energy Company								372171		
382 Road 31								³ Reason for Fi	ing Code/ Effecti	ve Date	
Aztec, NM 8	57410								RC		
⁴ API Numb	ber	⁵ Po	ol Name						⁶ Pool Code		
30-039-22	364				Otero C	hacra			:	82329	
⁷ Property (Code	⁸ Pr	operty Na	me					⁹ Well Number	•	
31	8432				San Juan 2	8-7 Unit			248E		
II. ¹⁰ Sur	II. ¹⁰ Surface Location										
Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/Sout	h Line	Feet from the	East/West Line	County	
J	18	28N	07W		1650	South	1	1670	East	Rio Arriba	
¹¹ Bot	tom Ho	le Locatio	n							·	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/Sout	h Line	Feet from the	East/West Line	County	
										Choose an	
										item.	
¹² Lse Code		ring Method		onnection	¹⁵ C-129 Permit Number ¹⁶ C		¹⁶ C	-129 Effective Date ¹⁷ C-129		Expiration Date	
F	(F	Da	Code Date							

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	0
151618	Enterprise	G

IV. Well Completion Data

²¹ Spud Date 1/21/1981		eady Date 30/2023	²³ TD 8008'	²⁴ PBTD 7,994'	²⁵ Perforat 4448'-464	· · · · · · · · · · · · · · · · · · ·	
²⁷ Hole Siz	e	²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement	
13 ¾"		9 5/8", 40#, K-55		233'		224 cf	
8 3/4"		7", 20#, K-55		3856'		380 cf	
6 ¹ /4"		4 ½², 10.5#, K-55		8008'		639 cf	
		2 3/8'	², 4.7# J-55	7837'			

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 6/30/2023	³³ Test Date 6/30/2023	³⁴ Test Length 24 hr	³⁵ Tbg. Pressure 0 psi	³⁶ Csg. Pressure 390 psi		
³⁷ Choke Size 18/64"	³⁸ Oil 0 BBL	³⁹ Water 0 BBL	⁴⁰ Gas 8		⁴¹ Test Method Flowing		
been complied with a	t the rules of the Oil Conser and that the information give of my knowledge and belief	en above is true and	OIL CONSERVATION DIVISION				
Signature:	Cherylene Westor		Approved by: PATRICIA MARTINEZ				
Printed name:	Cherylene Weston		Title: PETROLEUM SPECIALIST				
Title: O	perations Regulatory Tecl	ı Sr.	Approval Date: 7/21/2023				
E-mail Address: cweston@hilcorp.com							
Date: 7/20//20	23 Phone: 713-2	289-2615					

Received by OCD: 7/20/2023 3:26:01 PM
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1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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State of New Mexico Energy, Minerals & Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

Page 2 of 18 Form C-104 Revised August 1, 2011

Submit one copy to appropriate District Office

AMENDED REPORT

Fe, NM 87505	Santa Fe, NM 87505	
REOUEST FOR	ALLOWABLE AND AUTH	ORIZATION TO TRANSPO

	I.	REQUE	ST FO	RALL	OWABLE A	AND AUT	HOR	IZATION T	O TRANSPO	RT
¹ Operator	¹ Operator name and Address ² OGRID Num							er		
Hilcorp Energy Company								372171		
382 Road 3								³ Reason for Fi	ling Code/ Effectiv	ve Date
Aztec, NM	8/410								RC	
⁴ API Numb	ber	⁵ Poo	ol Name						⁶ Pool Code	
30-039-22	364				Blanco Me	saverde			,	72319
⁷ Property (Code	⁸ Pro	operty Na	me					⁹ Well Number	
31	8432				San Juan 2	8-7 Unit				248E
II. ¹⁰ Sur	face Lo	cation							·	
Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/Sout	h Line	Feet from the	East/West Line	County
J	18	28N	07W		1650	South	1	1670	East	Rio Arriba
¹¹ Bottom Hole Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/Sout	h Line	Feet from the	East/West Line	County
										Choose an
										item.
¹² Lse Code F		cing Method Code F		onnection ate	¹⁵ C-129 Pern	nit Number	¹⁶ C-	129 Effective Da	te ¹⁷ C-129	Expiration Date

III. Oil and Gas Transporters

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248440	Western Refinery	0
151618	Enterprise	G

IV. Well Completion Data

²¹ Spud Date 1/21/1981		eady Date 30/2023	²³ TD 8008'	²⁴ PBTD 7,994'	²⁵ Perfor 5139' – 5		²⁶ DHC, MC DHC-5272
²⁷ Hole Siz	e	²⁸ Casing & Tubing Size		²⁹ Depth Set			³⁰ Sacks Cement
13 ¾"		9 5/8", 40#, K-55		233'		224 cf	
8 ³ /4"		7", 20#, K-55		3856'		380 cf	
6 ¼"		4 ½²', 10.5#, K-55		8008'		639 cf	
		2 3/8'	°, 4.7# J-55	7837'			

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been complied with a	t the rules of the Oil Conser and that the information give of my knowledge and belief	en above is true and	OIL CONSERVATION DIVISION			
Signature:	Cherylene Westor		Approved by: PATRICIA MARTINEZ			
Printed name: Cherylene Weston			Title: PETROLEUM SPECIALIST			
Title: O	perations Regulatory Tecl	ı Sr.	Approval Date: 7/21/2023			
E-mail Address: cweston@hilcorp.com						
Date: 7/20//20	23 Phone: 713-2	289-2615				

S. Department of the Interior UREAU OF LAND MANAGEMENT		Sundry Print Repo
Well Name: SAN JUAN 28-7 UNIT	Well Location: T28N / R7W / SEC 18 / NWSE / 36.65834 / -107.610886	County or Parish/State: RIO ARRIBA / NM
Well Number: 248E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078417	Unit or CA Name : SAN JUAN 28-7 UNITDK	Unit or CA Number: NMNM78413C
US Well Number: 3003922364	Well Status: Producing Gas Well	Operator: HIL CORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2741760

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/19/2023

Date Operation Actually Began: 03/01/2023

Type of Action: Recompletion

Time Sundry Submitted: 10:55

Actual Procedure: The subject well was recompleted into the Mesaverde and Chacra formations and downhole trimmingled with existing Dakota. Please see attached reports.

SR Attachments

Actual Procedure

SJ_28_7_Unit_248E_RC_Subsquent_Sundry_20230719103337.pdf

Well Name: SAN JUAN 28-7 UNIT	Well Location: T28N / R7W / SEC 18 / NWSE / 36.65834 / -107.610886	County or Parish/State: RIO ARRIBA / NM
Well Number: 248E	Type of Well: CONVENTIONAL GAS Well	Allottee or Tribe Name:
Lease Number: NMSF078417	Unit or CA Name: SAN JUAN 28-7 UNITDK	Unit or CA Number: NMNM78413C
US Well Number: 3003922364	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CHERYLENE WESTON

Signed on: JUL 19, 2023 10:55 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

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

State: TX

Email address: cweston@hilcorp.com

Field

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

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK BLM POC Phone: 5055647742 Disposition: Accepted Signature: Kenneth Rennick BLM POC Title: Petroleum Engineer BLM POC Email Address: krennick@blm.gov Disposition Date: 07/20/2023 San Juan 28-7 Unit 248E API # 30-039-22364 Recomplete Subsequent Sundry

2/28/23 SIBH-0, SICSG-100, SITP-54. BDW. ND WH, NU BOP. PT BOP, good test. TIH tag fill @ 7786' (12' of fill). RU Premier NDT. TOH scanning tbg. RD premier NDT. PU 3-7/8" string mill. TIH w/tbg. PU 8 jts 2-3/8" to 3028'. SISW. SDFN.

3/1/23 BH-0 PSI, CSG-100 PSI, TBG-0 PSI. SITP 89#, SICP 100#, BH 0. BWD. RIH w/3-7/8" bit & mill from 3028' to 7794'. TOOH 123 stds. TIH, set 4.5" CIBP @ 7756'. PT (good). RD floor. ND BOP. NU WH. SISW.

3/2/23 BH-0 PSI, CSG-0 PSI SITP 0#, SICP 0#, BH 0#, Load well 135 bbl water, no returns. TOOH 123 stds, LD setting tool. TIH, set 4.5" pckr @ 7,731'. SIW. SDFN.

3/6/23 BH-0 PSI, CSG-0 PSI, TBG-0 PS. Unset pkr. TIH set CIBP #2 @ 7737'. PT, good test. LD 245 jts tbg. RD.

3/20/23 BH-0 PSI, CSG-0 PSI. RU. RU SLB WL. ND WH. NU LUBRICATOR. RIH w/USIT log. POH logging well. RU Wellcheck. Conduct MIT passed by Clarence Smith NMOCD. RD Wellcheck. RIH, set CBP @ 5940'. POH. NU WH. RD WL. SDFN.

3/27/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. ND WH. ND 3K tbg head. NU 5K tbg head & frac stack. RU Wellcheck. PT csg to 4000 PSI. PSI fell off @ 750 PSI. RD Wellcheck.

3/31/23 BH-0 PSI, CSG-0 PSI, TBG-VAC. MIRU. ND frac stack. NU BOP. RU floor. FT & PT BOP (good). PU 4-1/2" pckr. PU tubing looking for hole. Test - 256' up (good), down (fail) - 4456' up (fail), down (good). Rel pckr. SISW.

4/3/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. TIH search for leak. Leak disappeared after 3rd test. PT entire csg to 3000 PSI held solid for 30 min. MIRU Wilson Services. PT csg to 4000 PSI (good). LD tbg. RD floor. ND BOP. Land hanger w/2-way check. NU, PT frac stack to 4000 PSI (good). RD.

6/17/23 BH-0 PSI, CSG-400 PSI, TBG-0 PSI. MIRU Gore Services. RU Basin WL. Perf Point Lookout w/.35" dia, 3-1/8" HSC gun, Select Fire 3 SPF @ **5718**', 5734', 5745', 5775', 5785', 5797', 5809', 5836' (24 holes). RU frac/N2, test lines to 4500 PSI, good. Frac Point Lookout @70 BPM w/70Q N2 foam, Total Load: 787 bbls, Total Acid: 12 bbls, Total Slickwater: 775 bbls, Total Sand: 107,054 lbs, Total N2: 976,000 SCF. RIH, set dissolvable BP @ 5685'. PT plug x2000 PSI (good). Perf Menefee w/.35" dia, 3-1/8" HSC gun, Select Fire 3 SPF @ 5362', 5406', 5500', 5513', 5548', 5568', 5605', 5656' (24 holes). Frac Menefee @ 55 BPM w/70Q N2 foam, Total Load: 673 bbls, Total Acid: 12 bbls, Total Slickwater: 661 bbls, Total 20/40 sand: 92,172 lbs, Total N2: 1.2M SCF. Set BP @ 5280'. Perf Cliffhouse w/.35" dia, 3-1/8" HSC gun, Select Fire 3 SPF @ 5139', 5154', 5174', 5192', 5222', 5232', 5238', 5245' (24 holes). Frac Cliff House @ 70 BPM w/70Q N2 foam, Total Load: 730 bbls, Total Acid: 12 bbls, Total Slickwater: 718 bbls, Total 20/40 sand: 107,172 lbs, Total N2: 933,000 SCF. Set BP @ 4910'. Perf Chacra w/.35" dia, 3-1/8" HSC gun, Select Fire 3 SPF @ 4448', 4463', 4475', 4515', 4594', 4604', 4620', 4645' (24 holes). Frac Chacra @ 30 BPM w/70 Q N2 foam, Total Load: 698 bbls, Total Acid: 12 bbls, Total Slickwater: 686 bbls, Total 20/40 sand: 159,972 lbs, Total N2: 774,000 SCF. RDMO.

6/18/23 BH-0 PSI, CSG-0 PSI, TBG-0 PSI. ND WH, NU BOP. FT BOP, good. RU Wilson Services. PT BOP, good test. RD Wilson. PU 3-7/8" mill & tbg to 2150'. RU air, unload hole. Tag plug @ 4093' WL depth. SISW. SDFN.

6/19/23 BH-0 PSI, CSG-800 PSI, TBG-0 PSI. RU WL. PU swivel, DO plug #1 @ 4100'. Circ hole clean, RIH to plug #2 @ 4616'. RU & test, TOH above perfs. SISW.

6/20/23 BH-0 PSI, CSG-660 PSI, TBG-430 PSI. BDW. TIH to tag @ 5614'. PU swivel & est circ, CO 5614' to 5685'. DO plug #4 @ 5685'. Circ hole clean. RIH to tag @ 5881'. CO 59' of fill to plug #5 @ 5940'. Circ hole clean. RIH to tag 7719' (18 ft of fill), DO plug #6 @ 7737'. Start DO plug #7 @ 7754', TOH above perfs. SISW.

6/21/23 BH-0 PSI, CSG-500 PSI, TBG-330 PSI. TIH to tag @ 7754'. Cont DO plug #7. RIH & tag @ 7967', CO to new PBTD @ 7994'. Circ hole clean. RU WL tools, RIH to 283', bump float bleed off lower string, perf mechanical back off, TOH remove float, TIH to string (stretch test to 55K-good). SISW.

6/22/23 BH-0 PSI, CSG-540 PSI, TBG-0 PSI. BDW. RU WL. RIH & free point, POH, PU jet cutter. TIH & cut @ 7989'. POOH w/WL workstring. No movement. PU chem cutter, RIH & cut @ 7829'. POH w/WL, work pipe free. RD WL. TOH w/tbg. SISW. Verbal approvals from Kenny Rennick/BLM and Monica Kuehling/NMOCD to leave bit sub fish @ 7989' (below DK perfs).

6/24/23 BH-0 PSI, CSG-500 PSI, TBG-330 PSI. PU fishing tool, RIH to wash over fish, engage TOF @ 7829', tag @ 7895', PU swivel, est circ, wash over fish from 7985' to 7989'. SISW.

6/25/23 BH-0 PSI, CSG-480 PSI, TBG-100 PSI. BDW. TOH w/fish. PU BHA, Land 247 jts 2 3/8" 4.7# J-55 tbg @ 7837' (SN @ 7836'). ND BOP, NU WH. PT tbg 550 PSI-good. RDRR @ 2100 hrs.

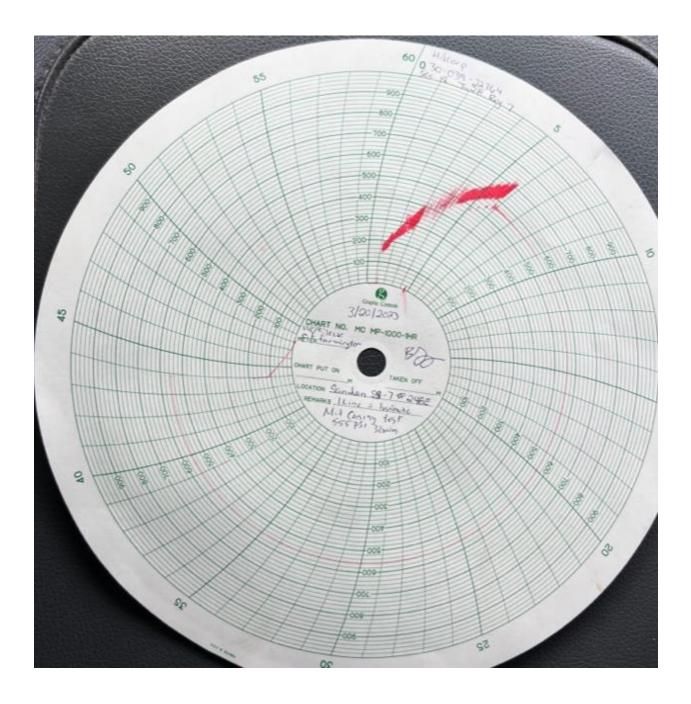
This well is currently producing as a Mesaverde/Chacra/Dakota trimmingle on DHC-5272 with Gas Allowable C-104 waiting on RC C-104 approval.

Hilcorp Energy Company

Well Name: SAN JUAN 28-7 UNIT 248F

PI/UWI 00392236	64	Surface Legal Location Field Name 018-028N-007W-J DK	Route 1004	State/Province NEW MEXICO	Well Configuration Type
ound Elevati 860.00	ion (ft)	Original KB/RT Elevation (ft) KB-Ground Distance (ft) 6.873.00 13.00	KB-Casing Flang	ge Distance (ft) KB-Tubing Ha	anger Distance (ft)
500.00		0,873.00			
		Original Hole [Ver	tical]		
MD ftKB)	TVD (ftKB)	Vertical scher	natic (actual)		
	. ,				
13.1		7 1/16in, Tubing Hanger; 7 1/16 in; 13.00			nent, Casing, 1/22/1981
14.1 232.0					; 1981-01-22; Cemented Circ 12 bbls to surface.
232.9				1; Surface, 233.00ft	<b; 5="" 8="" 8.84="" 9="" in;="" in;<="" td=""></b;>
245.1	_			13.00 ftKB; 233.00 f	tKB
,594.2		— Ojo Alamo (Ojo Alamo (final)) ——————			
,723.1		— Kirtland (Kirtland (final))			
,000.0			505		
3,100.1				Intermediate Casing	
,169.0		— Fruitland (Fruitland (final))			00.00-3,856.00; 1981- 162 sx Class B 65/35
,488.8		— Pictured Cliffs (Pictured Cliffs (final))		poz, followed by 100	sx neat.TOC & 3100'
,782.2				per TS 1/25/81	
,855.0				2; Intermediate1, 3,8	356.00ftKB; 7 in; 6.46 in;
,856.0				-/4,448.0-4,645.0ftKB	on 6/17/2023 00:00
8,857.9		2 3/8in, Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 14.00 ftKB; 7,801.94 ftKB			4,448.00-4,645.00; 2023
,443.9				/ -06-17 / 5,139.0-5,245.0ftKB	on 6/17/2023 00:00
,448.2				(PERF - CLIFF HOL	
,645.0				5,245.00; 2023-06-1	7
,117.1		— Cliffhouse (Cliffhouse (final))		Production Casing C	Cement, Casing, 000.00-8,008.00; 1981-
,139.1					
5,245.1				followed by 100 sx C	Class B. TOC @ 3000'
5,257.9		— Menefee (Menefee (final))		per TS 1/29/81. 5,362.0-5,656.0ftKB	on 6/17/2022 00:00
5,361.9				(PERF - MENEFEE)	
,655.8			5	2023-06-17	, . ,
,717.8		Baint Leakout (Baint Leakout (final))		5.718.0-5.836.0ftKB	on 6/17/2023 00:00
5,728.0		— Point Lookout (Point Lookout (final))		(PERF - POINT LOC	
5,836.0				5,836.00; 2023-06-1	7
,211.9		— Mancos (Mancos (final))			
,366.5		Q-llum (Q-llum (finel))			
,799.9		Gałłup (Gałłup (finał))		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
,673.9 ,737.9		Greenhorn (Greenhorn (final))			
,782.2		2 3/8in, Tubing Pup Joint; 2 3/8 in; 4.70 lb/ft;			
,782.2	_				
,804.1	_	7 804.04 ftKB 7 835.74 ftKB			
,835.6		2 3/8in, Seal Nipple; 2 3/8 in; 7,835.74 ftKB;			
7,836.9		7,836.84 ftKB			
,837.6		7,836.84 ftKB; 7,837.69 ftKB			
,876.0		— Dakota (Dakota (final))			an E/2/1001 00:00
,881.9	_			7,782.0-7,982.0ftKB (PERF - DAKOTA):	on 5/2/1981 00:00 7,782.00-7,982.00; 1981
,982.0	_	3 7/8 in, Fish, 7,989.0, 7,994.0; 7,989.00-]		-05-02	
,988.8	_	7,994.00; 1 X 3-7/8" MILL			
,994.1	_	1 X FLOAT SUB		-	
3,000.3	_	4 in, Fill, 7,994.0, 8,001.0; 7,994.00-8,001.00	<u> </u>	Production Casing C	Cement, Casing, lg); 8,001.00-8,008.00;
3,001.0	_				ted w/ 239 sx Class B,
3,001.3	_			followed by 100 sx C	Class B. TOC @ 3000'
3,006.9	_			per TS 1/29/81.	9.00 0 //D: 4.4/0 ! 4.00
				3; Production1, 8,00	8.00ftKB; 4 1/2 in; 4.00

www.peloton.com



Cheryl Weston

From:	Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov></monica.kuehling@emnrd.nm.gov>
Sent:	Friday, June 23, 2023 7:01 AM
То:	Rennick, Kenneth G; Jackson Lancaster; Farmington Regulatory Techs
Cc:	Jose Morales; Joshua Stephenson - (C); Daniel Hurd; John Brown; Laura Bohorquez
Subject:	RE: [EXTERNAL] San Juan 28-7 Unit #248E: 300-39-22364

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NMOCD approves fish below Dakota perforations. Please include all email strings with subsequent

Thank you

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

From: Rennick, Kenneth G <krennick@blm.gov> Sent: Thursday, June 22, 2023 3:42 PM To: Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com> Cc: Jose Morales <jomorales@hilcorp.com>; Joshua Stephenson - (C) <Joshua.Stephenson@hilcorp.com>; Daniel Hurd <dhurd@hilcorp.com>; John Brown <jbrown@hilcorp.com>; Laura Bohorquez <Laura.Bohorquez@hilcorp.com> Subject: Re: [EXTERNAL] San Juan 28-7 Unit #248E: 300-39-22364

The BLM finds the proposal appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

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

Email: <u>krennick@blm.gov</u> Mobile & Text: 505.497.0019 From: Jackson Lancaster <<u>Jackson.Lancaster@hilcorp.com</u>>

Sent: Thursday, June 22, 2023 1:55 PM

To: <u>monica.kuehling@emnrd.nm.gov</u> <<u>monica.kuehling@emnrd.nm.gov</u>>; Rennick, Kenneth G <<u>krennick@blm.gov</u>>; Farmington Regulatory Techs <<u>FarmingtonRegulatoryTechs@hilcorp.com</u>>

Cc: Jose Morales <<u>jomorales@hilcorp.com</u>>; Joshua Stephenson - (C) <<u>Joshua.Stephenson@hilcorp.com</u>>; Daniel Hurd <<u>dhurd@hilcorp.com</u>>; John Brown <<u>jbrown@hilcorp.com</u>>; Laura Bohorquez <<u>Laura.Bohorquez@hilcorp.com</u>> Subject: [EXTERNAL] San Juan 28-7 Unit #248E: 300-39-22364

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

Monica/Kenny,

We are in the process of cleaning out the San Juan 28-7 Unit #248E well that was Frac'd on Monday (6/19). We drilled out all the plugs and we were circulating on bottom when the bit assembly got stuck. We are currently in the process of attempting to recover the pipe. The plan is to recover all the pipe and leave a very short section of the bit and bit sub on bottom, below the Dakota perforations after running a free point tool and cutting. We would like to not fish and leave the bit and bit sub on bottom as we will not be able to wash over since this is a mill. Please let me know if you have any questions. The attached schematic shows the proposed TOF at 7989' which would be below the Dakota Perfs.

Thanks,

Jackson Lancaster SJS Ops Engineer Hilcorp Energy Company Office: 713-289-2629 Cell: 432-413-4109

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

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Cheryl Weston

From:	blm-afmss-notifications@blm.gov
Sent:	Thursday, July 20, 2023 2:18 PM
То:	Cheryl Weston
Subject:	[EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 248E, Notification of
	Well Completion Acceptance

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: HILCORP ENERGY COMPANY
- Well Name: SAN JUAN 28-7 UNIT
- Well Number: 248E
- US Well Number: 3003922364
- Well Completion Report Id: WCR2023072088728

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

Cheryl Weston

From:	blm-afmss-notifications@blm.gov
Sent:	Thursday, July 20, 2023 2:18 PM
То:	Cheryl Weston
Subject:	[EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 248E, Notification of
	Well Completion Acceptance

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The Bureau of Land Management

Notice of Acceptance for Well Completion Report

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Form 3160-4	OCD: 7/20/202	3 3:26:01	PM									Page 13 of
			UNI EPARTMEN REAU OF I		THE INT						FORM APPROVI OMB No. 1004-01 Expires: July 31, 2	137
	WEL		ETION OR R				T AND L	OG	5.	Lease Serial No.		
1a. Type of Well		Oil Well	X Gas We	n	Dry	Othe			6	If Indian, Allottee	ISF078417	
 b. Type of Com 		New Well	Work O		Dry Deepen			Diff. Resvr.		II Indian, Anottee	or tribe mame	
21				_	_			4		Unit or CA Agreen	ment Name and No.	
2. Name of Oper	ator	Other:		Rec	omplete				8	Lease Name and W	NMNM 078413. Vell No	A
2. Hume of oper	utor	Hilc	orp Energy	Compa	iny				0.		n Juan 28-7 Un	it 248E
3. Address	382 Road 3100,	Arton NM	07410		3a. Phone	No. (include	e area code 599-340		9.	API Well No.	30-039-2236	4
4. Location of W	Vell (Report location cle			deral requi	irements)*	(303)	333-340		10.	Field and Pool or		+
At surface									11	. Sec., T., R., M.,	Blanco Mesave	erde
	VSE) 1650' FSL 8	& 1670' FEI	L						11	Survey or Are	a	
At the model I	intermed and output helperse								12	. County or Parish	Sec. 18, T28	-
At top prod. I	nterval reported below								12	2		13. State
At total depth		16 0		e T.D. Reached 16. Date Completed 6/30/2023								New Mexico
 Date Spudde 	.d 1/21/1981	15. Da	ate T.D. Reached 1/29/198		16. Dat	e Completed D & A		b/2023 ly to Prod.	17	. Elevations (DF, 1	RKB, RT, GL)* 6860' GL	
18. Total Depth:		I	19. P	lug Back T		-	<u> </u>		epth Brid	lge Plug Set:	MD	
8008'	c & Other Mechanical I	og Du- (0-1	mit conv of as 1	7994	4'			22.1	Was well	corod?	TVD X No Y	es (Submit analysis)
			CBL/USIT)					Was DS		X No Y	Yes (Submit analysis) Yes (Submit report) Yes (Submit copy)
	Liner Record (Report all					Stage	Cementer	No. of S	ks. &	Slurry Vol.		
Hole Size	Size/Grade	Wt. (#/ft.) Top (MI	Top (MD) Bottom (MD) Depth Type of Cem							Cement top*	Amount Pulled
13 3/4" 8 3/4"	9 5/8", K-55 7", K-55	40			233' 3856'			224 c 380 c				
6 1/4"	4 1/2", K-55	10.5			8008'			639 c				
24. Tubing Reco										<i>a</i> :		
Size 2 3/8"	Depth Set (MD) 7837') Pac	ker Depth (MD)	S	lize 1	Depth Set (N	MD) F	Packer Depth	(MD)	Size	Depth Set (MD)	Packer Depth (MD)
25. Producing Int						 Perforati 				a:		
A)	Formation Cliffhouse		тор 5139'	52	245'	Р	erforated In 3 SPF			Size 0.35	No. Holes 24	Perf. Status Open
3)	Menefee Point Lookou	4	5362' 5718'	56	656' 836'		3 SPF 3 SPF			0.35 0.34"	24 24	Open Open
C) D)	Point Lookou	L	5/10	50	530		3 366			0.34	24	Open
7. Acid, Fractur	re, Treatment, Cement S	queeze, etc.										
	Depth Interval		ERAC AT 70	RDM W//				mount and T				ER: 718 BBLS TOTAI
Clif	ffhouse 5139'-52	45'	20/40 SAND	107,172	LBS TOTA	L N2: 933,	000 SCF					
Mer	nefee (5362' - 56	56')	FRAC @ 55 20/40 SAND					73 BBLS TO	OTAL A	CID: 12 BBLS TO	DTAL SLICKWATE	R: 661 BBLS TOTAL
	Lookout (5718' -	,		BPM W/	70 Q N2 F0	DAM. TOTA	AL LOAD:7	787 BBLS T	OTAL A	CID: 12 BBLS TO	OTAL SLICKWATE	ER: 775 BBLS TOTAL
28. Production -	Interval A											
Date First Produced	Test Date		Fest Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		s avity	Production M	lethod	
6/30/2023	6/30/2023	24		0	18	0					Flowin	a
Choke	Tbg. Press.	Csg. 2	24 Hr.	Oil	Gas	Water	Gas/Oil	We	ell Status	1		5
	Flwg.		Rate	BBL	MCF	BBL	Ratio				Broducing	
18/64" 8a. Production	0 psi - Interval B	390 psi	۲		26	0					Producing	
Date First	Test Date		ſest	Oil	Gas	Water	Oil Gravity			Production M	lethod	
Produced		Tested I	Production	BBL	MCF	BBL	Corr. API	Gra	avity			
Choke	Tbg. Press.	Csg. 2	24 Hr.	Oil	Gas	Water	Gas/Oil	We	ell Status			
Size	Flwg.	-	Rate	BBL	MCF	BBL	Ratio					
	SI											

•

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

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.	Press.	Rate	BBL	MCF	BBL	Ratio		
	SI								
28a Decducti	on - Interval D		•						
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced	Test Dute	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
Troduced		resteu		DDL		222	00000000	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio		
	SI								

29. Disposition of Gas (Sold, used for fuel, vented, 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
Chacra	4444	5117	Shale w/ siltstone stingers	Lewis	4444
Cliff House	5117	5258	Light gry, med-fine gr ss, carb sh & coal	Cliff House	5117
Menefee	5258	5728	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5258
Point Lookout	5728	6800	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5728
Gallup	6800	7674	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ $$\rm irreg,\ interbed$ sh.	Gallup	6800
Greenhorn	7674	0	Highly calc gry sh w/ thin Imst.	Greenhorn	7674
Graneros		7876	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	0
Dakota	7876	0	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7876
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure):

The following well is now producing as a MV/CH/DK commingle under DHC 5272

MV# NMNM 078413A

Indicate which items have b	een attached by placing a check in the	appropriate boxes:			
X Electrical/Mechanical Lo	gs (1 full set req'd.)	Geologic Report	DST Report	Directional Survey	
Sundry Notice for pluggi	ng and cement verification	Core Analysis	Other:		
I hereby certify that the for	egoing and attached information is com	plete and correct as determined from	m all available records (see atta	ched instructions)*	
Name (please print)	Cherylene	Weston	Title Opera	tions/Regulatory Technician - Sr.	
	Cherylene Weston			7/19/2023	

(Continued on page 3)

Page 14 of 18

Form 3160-4 Received by	y OCD: 7/20/202	23 3:26:0	1 PM											Page 15 of 18
			UN DEPARTMI UREAU OF	ENT C		INTE					FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2018			
	WEL	L COMPL	ETION OR	RECO	OMPLET	ION R	EPORT		OG	5.	Lease Serial No.	0000447		
1a. Type of Well	1	Oil Well	X Gas	Vell	Dry		Other			6.	If Indian, Allottee	ISF078417 or Tribe Name		
b. Type of Con	npletion:	New Well	Work	Over	Dee	pen	Plug B	Back X	Diff. Resy		Unit or CA Agreer	nent Name and	No	
		Other:			Recomple	ete					Ũ	NMNM 07		
2. Name of Oper	rator	Hi	corp Energ	y Cor	npany					8.	Lease Name and V Sar	Vell No. 1 Juan 28-7	' Uni	t 248E
3. Address	382 Road 3100,	Aztec. N	M 87410		3a. 1	Phone No	o. (include d (505) 5	area code) 5 99-340		9.	API Well No.	30-039-2	2364	
4. Location of W	Vell (Report location cle			Federal	requiremen	ts)*	(000)		•	10). Field and Pool or			
At surface J (NW	VSE) 1650' FSL 8	& 1670' FI	EL								1. Sec., T., R., M., Survey or Are	on Block and a Sec. 18, 7		, R07W
At top prod. I	Interval reported below									1	County or Parish	L		13. State
At total depth 14. Date Spudde		15	Date T.D. Reach	D. Reached 16. Date Completed 6/30/2023							Rio A 7. Elevations (DF, 1		:	New Mexico
•	1/21/1981	15.		T.D. Reached 16. Date Completed 6/30/2023 1/29/1981 D & A X Ready to Prod.						1	7. Elevations (DF, 1	6860'		
18. Total Depth: 8008'			19.	0	ack T.D.: 7994'				20.	Depth Br	idge Plug Set:	MD TVD		
	ic & Other Mechanical		CBL/USIT						22.		ll cored? ST run? onal Survey?	X No X No X No	Ye	es (Submit analysis) es (Submit report) es (Submit copy)
23. Casing and I Hole Size	Liner Record (Report all Size/Grade	Wt. (#/		MD)	Bottom	Bottom (MD) Stage Cementer No. of Sks. &					Slurry Vol.	Cement to	n*	Amount Pulled
13 3/4"	9 5/8", K-55	40	n.) 10p (WID)	Depth Type of Cemer 233' 224 cu ft						(BBL)		P	7 mount 1 uncu
8 3/4" 6 1/4"	7", K-55 4 1/2", K-55	20 10.5	5		385 800					cu ft cu ft				
	,		-			•								
24. Tubing Reco Size	Depth Set (MD) P	acker Depth (M))	Size	De	pth Set (MI	D) Pa	acker Dep	th (MD)	Size	Depth Set (N	MD)	Packer Depth (MD)
2 3/8 " 25. Producing In	7837'	, 	1 、				•			. ,		, i ,	,	
	Formation		Тор		Bottom	20.	Perforation Record Perforated Interval				Size	No. Holes		Perf. Status
A) B)	Chacra		4448		4645'			3 SPF			0.35	24		Open
C) D)														
	re, Treatment, Cement S	Squeeze, etc.				I			. 1	175 63				
C	Depth Interval	5'	FRAC AT 20/40 SAN					LOAD: 69	mount and 98 BBLS			TAL SLICKW	ATER:	686 BBLS TOTAL
28. Production - Date First	Interval A Test Date	Hours	Test	Oil	Gas	w	/ater C	Dil Gravity	0	Gas	Production M	ethod		
Produced	Test Dute	Tested	Production	BBL	MCF			Corr. API		Gravity	1 roduction in	ethou		
6/30/2023	6/30/2023	24		_	-	8	0					Flo	wing]
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF			Gas/Oil Ratio	v	Well Statu	8			
18/64"	0 psi	390 psi				26	0					Producing	3	
28a. Production Date First	- Interval B Test Date	Hours	Test	Oil	Gas	W.	/ater C	Dil Gravity	0	Gas	Production M	ethod		
Produced	Lon Duit	Tested	Production	BBL	MCF			Corr. API		Gravity	Troduction M	u		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF			Gas/Oil Ratio	v	Well Statu	5			

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

Received by OCD: 7/20/2023 3:26:01 PM

	ion - Interval C		-	0.4				~		
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.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									
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		
					_					
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									
29. Dispositio	on of Gas (Sold, us	sed for fuel, v	vented, etc.)							
*						SO	LD			
		~								
30. Summary	of Porous Zones (Include Aqui	ifers):					31. Format	ion (Log) Markers	
Show all in	mportant zones of	porosity and	contants tharact	Cored inter	wale and all	drill storp to	et			
	depth interval teste									
recoveries.	*	-,		,	1		-			
				1						Ter
Format	tion	Гор	Bottom		Descrip	tions, Conte	nts etc		Name	Тор
Format	uon	гор	DOUDIII		Descrip	diolis, Colite	ints, etc.		Ivanie	Meas. Depth
Chac	ra 4	444	5117		Shale	w/ siltstone st	ingers		Lewis	4444
Cliff Ho	ouse 5	117	5258		Light gry, me	ed-fine gr ss, c	arb sh & coal		Cliff House	5117
Mene	fee 5	258	5728		Med-dark gr	y, fine gr ss, ca	arb sh & coal		Menefee	5258
				Med-light o			nt sh breaks in lower par			
Point Lo	okout 5	728	6800			of formation	in the pair		Point Lookout	5728
				I				,		

Menefee	5258	5728	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5258	
Point Lookout	5728	6800	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5728	
Gallup	6800	7674	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg, interbed sh.	Gallup	6800	
Greenhorn	7674	0	Highly calc gry sh w/ thin Imst.	Greenhorn	7674	
Graneros		7876	Dk gry shale, fossil & carb w/ pyrite incl. Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh	Graneros	0	
Dakota	7876	0	bands cly Y shale breaks	Dakota	7876	
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0	

32. Additional remarks (include plugging procedure):

The following well is now producing as a MV/CH/DK commingle under DHC 5272

33. Indicate which items have been at	ttached by placing a check in the	appropriate boxes:			
X Electrical/Mechanical Logs (1 f	ull set req'd.)	Geologic Report		DST Report	Directional Survey
Sundry Notice for plugging and	cement verification	Core Analysis		Other:	
34. I hereby certify that the foregoing	and attached information is com	plete and correct as determined	from all avail	lable records (see at	tached instructions)*
Name (please print)	Cherylene V	leston	Title	Operatio	ons/Regulatory Technician - Sr.
Signature	Cherylene We	eston	Date		7/19/2023
Title 18 U.S.C. Section 1001 and Title false, fictitious or fraudulent statemen (Continued on page 3)		• •	ngly and willfu	ully to make to any	department or agency of the United States any (Form 3160-4, page 2)

Released to Imaging: 7/21/2023 11:10:11 AM

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

HILCORP ENERGY COMPANY 372171 1111 Travis Street Action Number: Houston, TX 77002 236890 Action Type: Action Type:	Operator:	OGRID:
Houston, TX 77002 236890 Action Type:	HILCORP ENERGY COMPANY	372171
Action Type:	1111 Travis Street	Action Number:
	Houston, TX 77002	236890
		Action Type:
[C-104] Completion Packet (C-104C)		[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 236890

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	236890
	Action Type:
	[C-104] Completion Packet (C-104C)

CONDITIONS

Created By		Condition Date
plmartinez	None	7/21/2023

Page 18 of 18

Action 236890