

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30-039-22364	⁵ Pool Name Otero Chacra	⁶ Pool Code 82329
⁷ Property Code 318432	⁸ Property Name San Juan 28-7 Unit	⁹ Well Number 248E

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
J	18	28N	07W		1650	South	1670	East	Rio Arriba

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
									Choose an item.
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 1/21/1981	²² Ready Date 6/30/2023	²³ TD 8008'	²⁴ PBTD 7,994'	²⁵ Perforations 4448'-4645'	²⁶ DHC, MC DHC-5272
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
13 3/4"		9 5/8", 40#, K-55		233'	
8 3/4"		7", 20#, K-55		3856'	
6 1/4"		4 1/2", 10.5#, K-55		8008'	
		2 3/8", 4.7# J-55		7837'	
³⁰ Sacks Cement					
224 cf			380 cf		
639 cf					

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	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Title: E-mail Address: Date: 7/20/2023 Phone: 713-289-2615	OIL CONSERVATION DIVISION
	Approved by: PATRICIA MARTINEZ
	Title: PETROLEUM SPECIALIST
	Approval Date: 7/21/2023

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¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30-039-22364	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 318432	⁸ Property Name San Juan 28-7 Unit	⁹ Well Number 248E

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
J	18	28N	07W		1650	South	1670	East	Rio Arriba

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
									Choose an item.
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

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IV. Well Completion Data

²¹ Spud Date 1/21/1981	²² Ready Date 6/30/2023	²³ TD 8008'	²⁴ PBTD 7,994'	²⁵ Perforations 5139' – 5836'	²⁶ DHC, MC DHC-5272
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
13 3/4"	9 5/8", 40#, K-55	233'	224 cf		
8 3/4"	7", 20#, K-55	3856'	380 cf		
6 1/4"	4 1/2", 10.5#, K-55	8008'	639 cf		
	2 3/8", 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 18	⁴¹ Test Method Flowing	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Printed name: Title: E-mail Address: Date: 7/20/2023	OIL CONSERVATION DIVISION Approved by: PATRICIA MARTINEZ
	Title: PETROLEUM SPECIALIST
	Approval Date: 7/21/2023
	Phone: 713-289-2615

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 UNIT--DK	Unit or CA Number: NMNM78413C
US Well Number: 3003922364	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2741760

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 07/19/2023

Time Sundry Submitted: 10:55

Date Operation Actually Began: 03/01/2023

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_Subsequent_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
UNIT--DK

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

State: TX

Phone: (713) 289-2615

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 Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 07/20/2023

Signature: Kenneth Rennick

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.

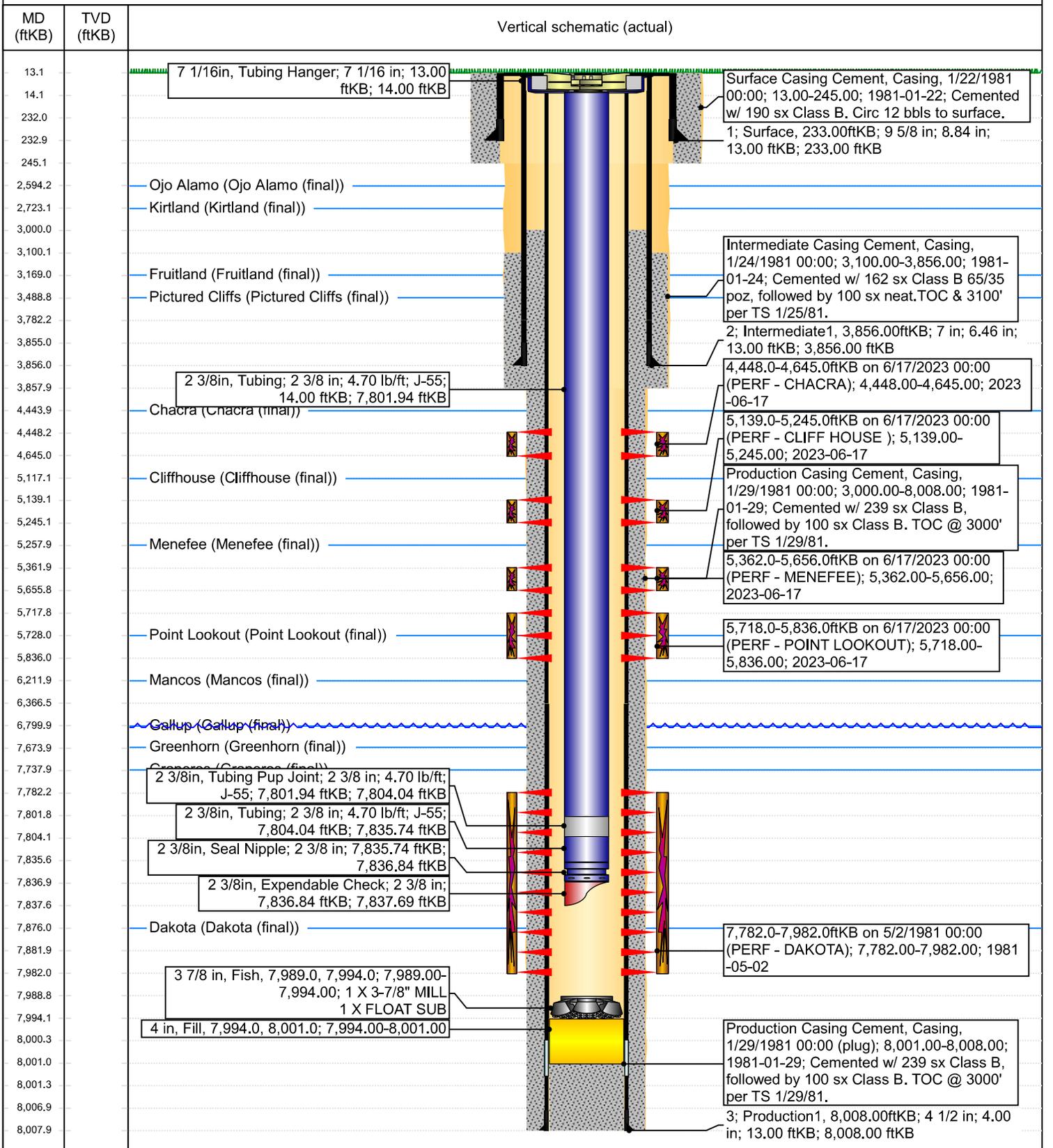


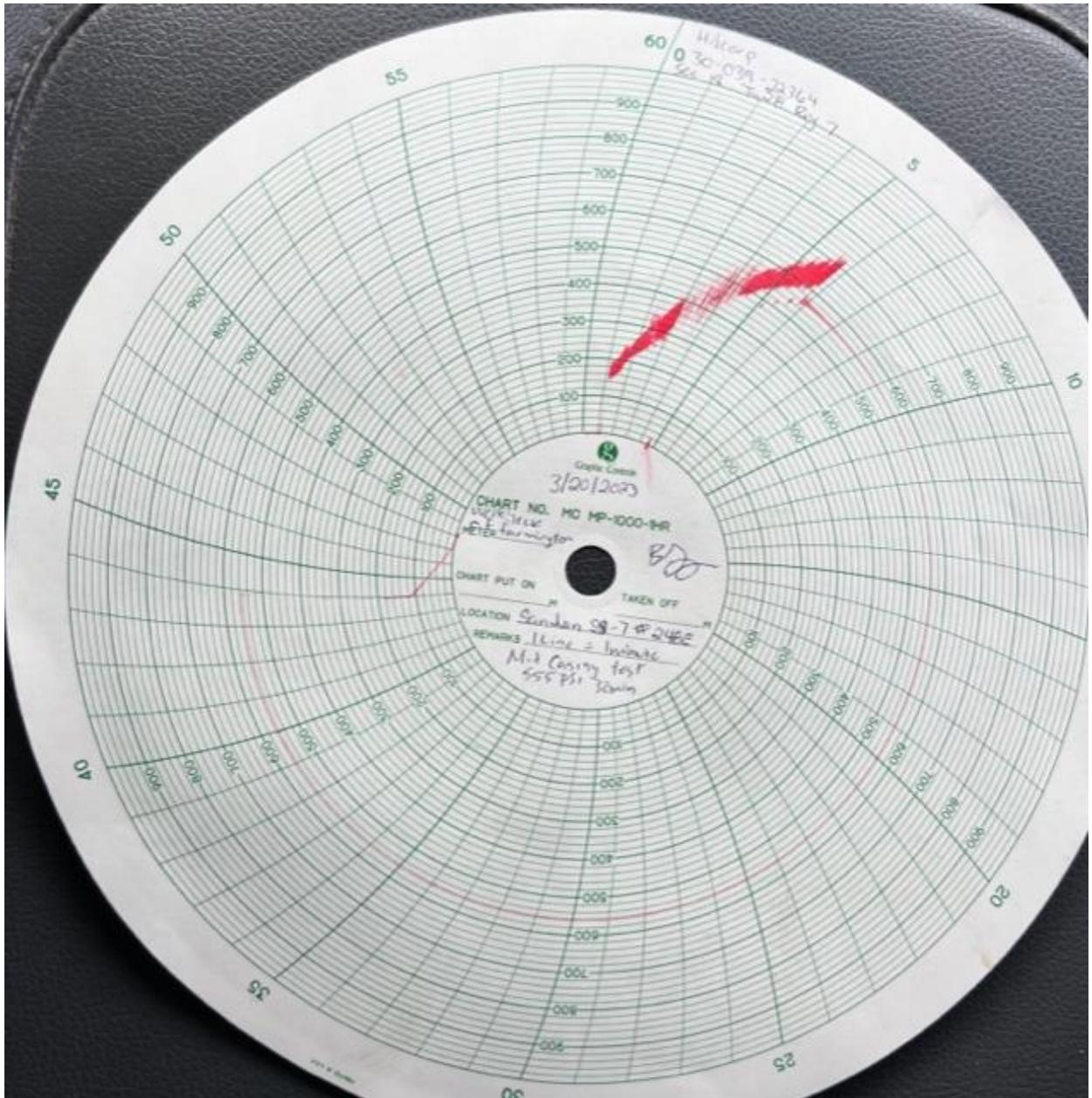
Current Schematic - Version 3

Well Name: **SAN JUAN 28-7 UNIT 248E**

API / UWI 3003922364	Surface Legal Location 018-028N-007W-J	Field Name DK	Route 1004	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,860.00	Original KB/RT Elevation (ft) 6,873.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [Vertical]





Cheryl Weston

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Friday, June 23, 2023 7:01 AM
To: 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

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

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: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Jackson Lancaster <Jackson.Lancaster@hilcorp.com>
Sent: Thursday, June 22, 2023 1:55 PM
To: monica.kuehling@emnrd.nm.gov <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.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: [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

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

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.

Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Thursday, July 20, 2023 2:18 PM
To: 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**

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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**

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UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

FORM APPROVED
 OMB No. 1004-0137
 Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF078417

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,
 Other: Recomplete

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
 NMNM 078413A

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
San Juan 28-7 Unit 248E

3. Address: **382 Road 3100, Aztec, NM 87410**
 3a. Phone No. (include area code): **(505) 599-3400**

9. API Well No.
30-039-22364

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: **J (NWSE) 1650' FSL & 1670' FEL**
 At top prod. Interval reported below
 At total depth

10. Field and Pool or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
Sec. 18, T28N, R07W

12. County or Parish: **Rio Arriba**
 13. State: **New Mexico**

14. Date Spudded: **1/21/1981**
 15. Date T.D. Reached: **1/29/1981**
 16. Date Completed: **6/30/2023**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6860' GL

18. Total Depth: **8008'**
 19. Plug Back T.D.: **7994'**
 20. Depth Bridge Plug Set: MD
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/USIT

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 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	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8", K-55	40		233'		224 cu ft			
8 3/4"	7", K-55	20		3856'		380 cu ft			
6 1/4"	4 1/2", K-55	10.5		8008'		639 cu ft			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7837'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse	5139'	5245'	3 SPF	0.35	24	Open
B) Menefee	5362'	5656'	3 SPF	0.35	24	Open
C) Point Lookout	5718'	5836'	3 SPF	0.34"	24	Open
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
Cliffhouse 5139'-5245'	FRAC AT 70 BPM W/ 70 Q 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
Menefee (5362' - 5656')	FRAC @ 55 BPM W/70 Q 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
Point Lookout (5718' - 5836')	FRAC AT 70 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 787 BBLs TOTAL ACID: 12 BBLs TOTAL SLICKWATER: 775 BBLs TOTAL 20/40 SAND: 107,054 LBS TOTAL N2: 976,000 SCF

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/30/2023	6/30/2023	24	→	0	18	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18/64"	0 psi	390 psi	→		26	0			Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			██████████						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			██████████						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			██████████						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			██████████						

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

SOLD

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					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 glucac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6800
Greenhorn	7674	0	Highly calc gry sh w/ thin lmst.	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

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full 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 complete and correct as determined from all available records (see attached instructions)*

Name (please print) Cherylene Weston Title Operations/Regulatory Technician - Sr.
 Signature Cherylene Weston Date 7/19/2023

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.

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

FORM APPROVED
 OMB No. 1004-0137
 Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,
 Other: Recomplete

5. Lease Serial No.
NMSF078417

2. Name of Operator
Hilcorp Energy Company

6. If Indian, Allottee or Tribe Name

3. Address **382 Road 3100, Aztec, NM 87410**
 3a. Phone No. (include area code) **(505) 599-3400**

7. Unit or CA Agreement Name and No.
 MNMNM 078413A

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface
J (NWSE) 1650' FSL & 1670' FEL

8. Lease Name and Well No.
San Juan 28-7 Unit 248E

At top prod. Interval reported below

9. API Well No.
30-039-22364

At total depth

10. Field and Pool or Exploratory
Otero Chacra

11. Sec., T., R., M., on Block and Survey or Area
Sec. 18, T28N, R07W

12. County or Parish **Rio Arriba**
 13. State **New Mexico**

14. Date Spudded **1/21/1981**
 15. Date T.D. Reached **1/29/1981**
 16. Date Completed **6/30/2023**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6860' GL

18. Total Depth: **8008'**
 19. Plug Back T.D.: **7994'**

20. Depth Bridge Plug Set: MD
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/USIT

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8", K-55	40		233'		224 cu ft			
8 3/4"	7", K-55	20		3856'		380 cu ft			
6 1/4"	4 1/2", K-55	10.5		8008'		639 cu ft			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7837'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Chacra	4448'	4645'	3 SPF	0.35	24	Open
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
Chacra 4448'-4645'	FRAC AT 70 BPM W/ 30 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

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/30/2023	6/30/2023	24	➔	0	8	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18/64"	0 psi	390 psi	➔		26	0			Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		➔						

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			██████						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			██████						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			██████						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			██████						

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

SOLD

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.

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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 lmst.	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

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
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 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Cherylene Weston Title Operations/Regulatory Technician - Sr.
 Signature Cherylene Weston Date 7/19/2023

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.

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

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 236890

ACKNOWLEDGMENTS

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

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 236890

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/21/2023