

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Report

Well Name: MCCLANAHAN Well Location: T28N / R10W / SEC 23 / County or Parish/State: SAN

SENE / 36.6505 / -107.85826 JUAN / NM

Well Number: 14E Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMSF079634 Unit or CA Name: Unit or CA Number:

US Well Number: 3004523913 Well Status: Producing Gas Well Operator: HILCORP ENERGY

COMPANY

Notice of Intent

Sundry ID: 2775735

Type of Submission: Notice of Intent

Type of Action: Recompletion

Date Sundry Submitted: 02/20/2024 Time Sundry Submitted: 05:44

Date proposed operation will begin: 04/01/2024

Procedure Description: Hilcorp Energy Company requests to REVISE the previously BLM approved NOI (1/16/2024) to amend the FC perforation top. The subject well will be recompleted in the Fruitland Coal and downhole trimmingle with the existing CH/DK. Please see the attached revised procedure, current and proposed wellbore diagram, plat and natural gas management plan. A closed loop system will be used. Hilcorp will contact the FFO Surface group within 90 days after the well has been recompleted, before any interim reclamation work, to conduct the onsite. A reclamation plan will be submitted after the onsite.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

McClanahan_14E__Revised_RC_NOI_20240220054338.pdf

Page 1 of 2

County or Parish/State: SAN 2 of eived by OCD: 2/20/2024 9:58:36 AM Well Name: MCCLANAHAN Well Location: T28N / R10W / SEC 23 /

SENE / 36.6505 / -107.85826

JUAN / NM

Well Number: 14E Type of Well: CONVENTIONAL GAS

Allottee or Tribe Name:

Unit or CA Name: Lease Number: NMSF079634 **Unit or CA Number:**

US Well Number: 3004523913 **Operator: HILCORP ENERGY** Well Status: Producing Gas Well

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

Signed on: FEB 20, 2024 05:43 AM **Operator Electronic Signature: AMANDA WALKER**

Name: HILCORP ENERGY COMPANY Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST

City: HOUSTON State: TX

Phone: (346) 237-2177

Email address: MWALKER@HILCORP.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736 BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved Disposition Date: 02/20/2024

Signature: Matthew Kade

Page 2 of 2



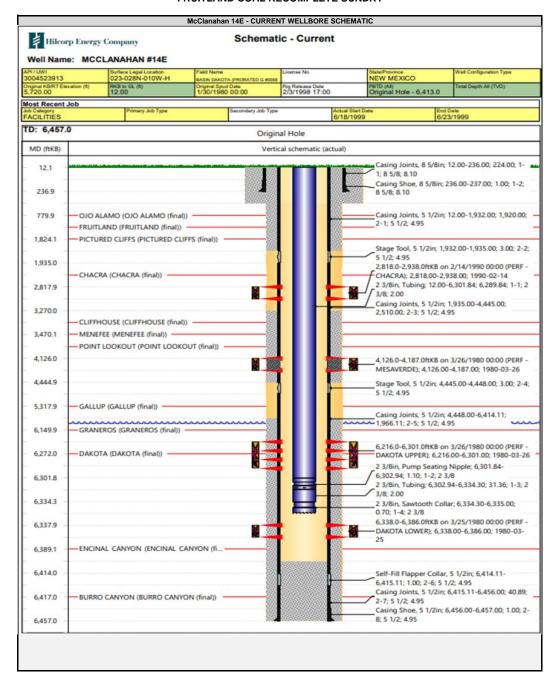
HILCORP ENERGY COMPANY McClanahan 14E FRUITLAND COAL RECOMPLETE SUNDRY API 3004523913

JOB PROCEDURES

- 1. MIRU workover rig and associated equipment; NU and test BOP.
- 2. TOOH with tubing.
- 3. Set a plug within 50' of the top Chacra perforation (2,818') for zonal isolation.
- 4. Load hole with fluid. RU WL and run CBL to verify TOC. Review results with operations engineer and regulatory agencies.
- 5. Perform MIT on casing with NMOCD witness (notify NMOCD 24+ hours before test) and submit results to regulatory group.
- 6. If frac'ing down casing: pressure test casing to frac pressure.
- 7. RU WL. Perforate the Fruitland Coal. Top perforation @ 1,555', bottom perforation @ 1,823'.
- 8. If frac'ing down frac string: RIH w/ frac string and packer.
- 9. ND BOP, NU frac stack. Pressure test frac stack to frac pressure. Pressure test frac string (if applicable) to frac pressure. RDMO.
- 10. RU stimulation crew. Frac the Fruitland Coal in one or more stages. Set plugs in between stages, if necessary.
- 11. MIRU workover rig and associated equipment; NU and test BOP.
- 12. If frac was performed down frac string: POOH w/ frac string and packer.
- 13. TIH with mill and clean out to isolation plug.
- 14. Mill out isolation plug. Cleanout to PBTD. TOOH with cleanout assembly.
- 15. TIH and land production tubing. Flowback the well. Return well to production as a Fruitland Coal/Chacra/Dakota Producer.

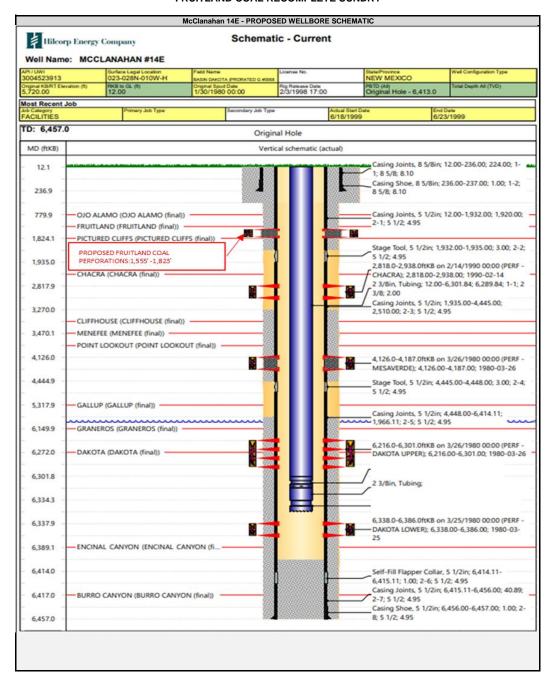


HILCORP ENERGY COMPANY McClanahan 14E FRUITLAND COAL RECOMPLETE SUNDRY





HILCORP ENERGY COMPANY McClanahan 14E FRUITLAND COAL RECOMPLETE SUNDRY



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

Form C-102 August 1, 2011

Permit 356943

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-045-23	913 71629	BASIN FRUITLAND COAL (GAS)
4. Property Code	e 5. Property Name	6. Well No.
318	622 MCCLANAHAN	014E
7. OGRID No.	8. Operator Name	9. Elevation
372	171 HILCORP ENERGY COMP	ANY 5708

10, Surface Location

ſ	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
ı	Н	23		10W		1620	N	810	E	-	SAN JUAN

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	12. Dedicated Acres 320.00		13. Joint or Infill		14. Consolidation	on Code		15. Order No.	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: A Wurkler

Title: Operations Regulatory Tech Sr.

Date: 1/5/2024

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Fred B Kerr Jr
Date of Survey: 10/20/1979
Certificate Number: 3950

State of New Mexico Energy, Minerals and Natural Resources Department

Submit Electronically Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description Effective May 25, 2021

I. Operator: Hiled	orp Energy Con	pany		0	GRID:	372171	_ Date: <u>1/5/2024</u>	
II. Type: ⊠ Origi	nal □ Amendn	nent du	te to □ 19.15.2	7.9.D(6)(a) NMA	.C 🗆 19	9.15.27.9.D(6)(b)) NMAC Other	:
If Other, please des	scribe:							
III. Well(s): Provide be recompleted from						ll or set of wells	proposed to be di	rilled or proposed to
Well Name	API		ULSTR	Footages		Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
McClanahan 14E	30-045-23913	H-23	3-28N-10W	1620' FNL & 810'	FEL	0	140	10
V. Anticipated Sci proposed to be reco	nedule: Provide	the fol	llowing informa	ation for each nev	al deliv	ompleted well or very point.	Initial Flow	osed to be drilled or First Production
				Date	Com	mencement Date	Back Date	Date
McClanahan 14E	30-045-2	<u>3913</u>						
VI. Separation Equipment: Attach a complete description of how Operator will size separation equipment to optimize gas capture. VII. Operational Practices: Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.								
VIII. Best Manag during active and p			Attach a compl	ete description of	f Opera	tor's best manag	gement practices t	to minimize venting

Section 2 – Enhanced Plan EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

🗵 Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering	Available Maximum Daily Capacity
			Start Date	of System Segment Tie-in

XI. Map. \square Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the
production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of
the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system \square will \square will not have capacity to gather 100% of the a	nticipated natural gas
production volume from the well prior to the date of first production.	

XIII. Line Pressure. Operator \square does \square does not anticipate that its existing well(s) connected to the same segment, or portion	on, of the
natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new	well(s).

	Attach (Operator'	s nlan to r	nanage r	roduction	in response	to the	increased	line press	ure
ш	- Анаси ч	Oberator	s bian to i	nanage n	moduciion	III response	: io ine	increased	line bress	ure.

XIV.	Confidentiality: Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in
Section	n 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information
for w	nich confidentiality is asserted and the basis for such assertion.

(h)

(i)

Section 3 - Certifications Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal: 🖂 Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or ☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. If Operator checks this box, Operator will select one of the following: Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or Venting and Flaring Plan.

Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including: power generation on lease; **(b)** power generation for grid; compression on lease; (c) (d) liquids removal on lease; reinjection for underground storage; (e) **(f)** reinjection for temporary storage; **(g)** reinjection for enhanced oil recovery;

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

other alternative beneficial uses approved by the division.

fuel cell production; and

- (a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or
- (b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.
- 2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: AWather
Printed Name: Amanda Walker
Title: Operations Regulatory Tech Sr.
E-mail Address: <u>mwalker@hilcorp.com</u>
Date: 1/5/2024
Phone: 346.237.2177
OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:

VI. Separation Equipment:

Hilcorp Energy Company (HEC or Operator) production facilities include separation equipment designed to efficiently separate gas from liquid phases to optimize gas capture based on projected and estimated volumes from the targeted pool of our recomplete project. HEC will utilize flowback separation equipment and production separation equipment designed and built to industry specifications after the recomplete to optimize gas capture and send gas to sales or flare based on analytical composition. HEC operates facilities that are typically one-well facilities. Production separation equipment is upgraded prior to well being completed, if determined to be undersized or inadequate. This equipment is already on-site and tied into our sales gas lines prior to the recomplete operations.

VII. Operational Practices:

- 1. Subsection (A) Venting and Flaring of Natural Gas
 - HEC understands the requirements of NMAC 19.15.27.8 which outlines that the venting and flaring of natural gas during drilling, completion or production operations that constitutes waste as defined in 19.15.2 are prohibited.
- 2. Subsection (B) Venting and Flaring during drilling operations
 - o This gas capture plan isn't for a well being drilled.
- 3. Subsection (C) Venting and flaring during completion or recompletion
 - o Flowlines will be routed for flowback fluids into a completion or storage tank and if feasible under well conditions, flare rather than vent and commence operation of a separator as soon as it is technically feasible for a separator to function.
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.
- 4. Subsection (D) Venting and flaring during production operations
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.
 - o Monitor manual liquid unloading for wells on-site or in close proximity (<30 minutes' drive time), take reasonable actions to achieve a stabilized rate and pressure at the earliest practical time, and take reasonable actions to minimize venting to the maximum extent practicable.
 - o HEC will not vent or flare except during the approved activities listed in NMAC 19.15.27.8 (D) 1-4.
- 5. Subsection (E) Performance standards
 - o All tanks and separation equipment are designed for maximum throughput and pressure to minimize waste.
 - o If a flare is utilized during production operations it will have a continuous pilot and is located more than 100 feet from any known well or storage tanks.
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.

- 6. Subsection (F) Measurement or estimation of vented and flared natural gas
 - o Measurement equipment is installed to measure the volume of natural gas flared from process piping.
 - o When measurement isn't practicable, estimation of vented and flared natural gas will be completed as noted in 19.15.27.8 (F) 5-6.

VIII. Best Management Practices:

- 1. Operator has adequate storage and takeaway capacity for wells it chooses to recomplete as the flowlines at the sites are already in place and tied into a gathering system.
- 2. Operator will flare rather than vent vessel blowdown gas when technically feasible during active and/or planned maintenance to equipment on-site.
- 3. Operator combusts natural gas that would otherwise be vented or flared, when technically feasible.
- 4. Operator will shut in wells in the event of a takeaway disruption, emergency situation, or other operations where venting or flaring may occur due to equipment failures.

- Hilcorp has verbal approval to proceed with the work proposed within the sundry designated as Application ID: 303866 with the following conditions:

 An amended sundry with the proposed top perforation adjusted from 1478' to 1555' be submitted to the Division.

 Hilcorp shall not perforate above adepth of 1555.

 Notify IMOCD 24 Hours Prior to beginning operations

 DHC required

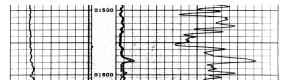
 All conducted logs shall be submitted to the Division.

 The appropriate compliance officer supervisor shall be consulted and remedial action conducted as directed if the cement sheath around the casing is not adequate to protect the casing and isolate strata from: (a) the uppermost perforation in each added pool to at least 150 feet above that per and (b) the lowermost perforation in each added pool to at least 100 feet above that per and (b) the lowermost perforation in each added pool to at least 100 feet below that perforation.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: McClure, Dean, EMNRD
Sent: Monday, February 13, 2024:38 PM
To: Mandi Waller -rmwalker@hilcorp.com>
Subject: RE: [EXTERNAL] Application ID: 303866; 30-045-23913 MCCLANAHAN #014E

w the attached order that stipulates the pool's vertical limits and the type logs it specifies. How were the tops in the provided cross section determined? I will note that the pool does not include all the coal seams and as far as I can tell it is



Dean McClure
Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

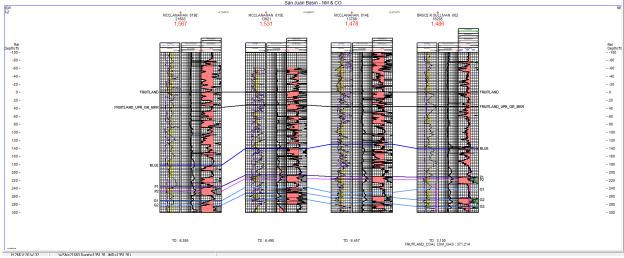
From: Mandi Walker mwalker@hilcorp.com
Sent Monday, February 19, 2024 12:58 PM
To: McClure, Dean, EMNRO hearthcolorge-mond-m-gos/subject-FW [ENTERNAL] Application ID: 303866; 30-045-23913 MCCLANAHAN #014E

Mandi Walker

mwalker@hilcorp.com

From: Glory Kamat Ghrt Monday, February 19, 2024 1:53 PM
Sent: Monday, February 19, 2024 1:53 PM
To: Anadi Walker Monday Composition Composition

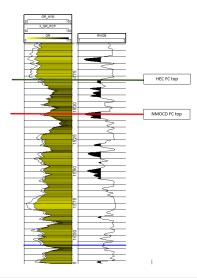
I have checked the McClanahan 14E Fruitland top against the offset wells and they are consistent. The depth is 1478' MD. The cross-section below shows the subject well is position 3 from the left. Fruitland tops are posted in red in the Header. Let me know if you hat further questions.



From: Griffin Selby militarion:sincom
Sent: Monday, February 19, 2024 12:29 PM

To: Trey Misurasa filterion: Comp. Manada Misurer mailto:sincom; Glory Kamat qilory Kamat@hilcom.com; Glory Kamat militarion:sincom; Glory Kamat qilory Kamat@hilcom.com; Glory Kamat militarion:sincom; Glory Kamat militario

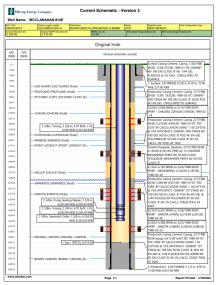
We see a bulk density reading that is less that 1.95 g/cc above the NMOCD top indicating a coal seam. Glory, please add any thoughts you might have on this



From: Trey Misuraca Irey Misuraca@hilicorp.com>
Sent Monday, February 19, 2024 11:58 AM

To: Mandi Vallest "comusike: Miburocomos Goriffin Selby «Goriffin Selby@hilicorp.com», Glory Kamat Glory K. Subject: RE" [EXTERNAL] Application ID: 303866; 30-045-23913 MCCLANAHAN #014E

I am confirming that the Mesaverde perforations were squeezed off in 2/1990 from 4126-4187'.



Trey Misuraca
Operations Engineer | San Juan North
Hilcorp Energy Company | 1111 Travis Street | Houston, TX 77002
M: 225.610.7136
Trey Misuraca@hilcorp.com

From: Trey Misuraca <a Trey, Misuraca & Trey, Misuraca & Misuraca

Griffin, Glory,

Formal request from the McClanahan 14E below. I'll check on the Mesaverde portion and follow up.

Trey Misuraca
Operations Engineer | San Juan North
Hilcorp Energy Company | 1111 Travis Street | Houston, TX 77002
M: 225.610.7136
Trey Misuraca@hilcorp.com

From: Mandi Walker <<u>mwalker@hilkorp.com</u>> Sent: Monday, February 19, 2024 11-46 AM To: Trey Misurasa -Trey Misurasa Philkorp.com> Subject: Fwd: [EXTERNAL] Application ID: 303866; 30-045-23913 MCCLANAHAN #014E

Here's the formal request. With an additional question

From: McClure, Dean, EMNRO Lean McClure@emnrd nm goo
Sent: Monday, February 19, 2024 11:31:11 AM
To: Anadi Walker 'ampalier@hiborro.com; Chery Weston Ceston@hiborro.com
Subject: [EXTERNAL] Application ID: 303866; 30-045-23913 MCCLANAHAN #014E

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

Hilcorp is proposing to perforate the FLC from 1478' to 1823'. However, the pick on file for the FLC is 1555'; a depth which the log on file seems to agree with. Please provide Hilcorp's reasoning for believing that the top of the FLC is at or more shallow than 1478'.

Additionally and maybe I am missing something on the WBD, but it seems to indicate that the MV perforations from 4126 to 4187 are still open. However, the well file seems to indicate that these perforations were squeezed in February of 1990. Please confirm that these perforations are squeezed.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

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

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

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

CONDITIONS

Action 315951

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	315951
	Action Type:
	[C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Notify NMOCD 24 Hours Prior to beginning operations.	2/21/2024
dmcclure	DHC required	2/21/2024
dmcclure	All conducted logs shall be submitted to the Division.	2/21/2024
dmcclure	The appropriate compliance officer supervisor shall be consulted and remedial action conducted as directed if the cement sheath around the casing is not adequate to protect the casing and isolate strata from: (a) the uppermost perforation in each added pool to at least 150 feet above that perforation; and (b) the lowermost perforation in each added pool to at least 100 feet below that perforation.	2/21/2024