

Santa Fe Main Office Phone: (505) 476-3441 Fax: (505) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting </div>
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: Pierce 3A	Property Code: 318658
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-045-21991
Pool Name: Basin Fruitland Coal (Gas)	Pool Code: 71629

Section 2 – Surface Location

ULP	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	07	30N	09W		1140' S	825' E	36.8221016	-107.8154907	San Juan

Section 3 – Completion Information

Producing Method Flowing	Ready Date 7/12/2025	Perforations MD 2931' – 3163'	Perforations TVD 2931' – 3163'
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 478649	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Prior to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Prior to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Prior to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. 5492
Production Casing Action ID: Prior to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Prior to system	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Yes	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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.	
Name 	
Title: Operations Regulatory Tech Sr.	Date: 7/24/2025

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. **NMSF080244**

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.

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **P (SESE) 1140' FSL & 825' FEL**
 At top prod. Interval reported below
 At total depth

8. Lease Name and Well No. **Pierce 3A**

9. API Well No. **30-045-21991**

10. Field and Pool or Exploratory **Basin Fruitland Coal**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 7, T30N, R09W**

12. County or Parish **San Juan** 13. State **New Mexico**

14. Date Spudded **4/3/1979** 15. Date T.D. Reached **4/20/1979** 16. Date Completed **7/12/2025**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **6459' GL**

18. Total Depth: **5455'** 19. Plug Back T.D.: **5435'** 20. Depth Bridge Plug Set: MD TVD

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8", K-55	36#		215'		250 sx			
8 3/4"	7", KS	20#		3532'		260 sx			
6 1/4"	4 1/2", K-55	10.5#		5435'		85 sx			

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"	5420'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	2931'	3163'	4/3 SPF	0.35"	221	Open
B) Csg Repair	3220'	3222'	4 SPF		4	Squeeze
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
Fruitland Coal (2931' -3163')	Frac at 50 BPM w/70Q N2 Foam. Total Frac Load: 1,342 bbls, Total Slickwater: 1,270 bbls, Total Acid: 72 bbls, Total 100 mesh sand: 127,713 lbs, Total N2: 1,522,000 scf
Csg Repair	CEMENT WITH 150 SACKS TYPE 3 CEMENT, 14.7#, 1.37 YIELD

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
7/12/2025	7/12/2025	4	➔	0	77	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28/64"	SI - 0	SI - 125	➔	0	462	0			Producing

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
			➔						
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
Ojo Alamo	1850'	2008'	White, cr-gr ss	Ojo Alamo	1850'
Kirtland	2008'	2805'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2008'
Fruitland	2805'	3168'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2805'
Pictured Cliffs	3168'	3321'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3168'
Lewis	3321'	4180'	Shale w/ siltstone stingers	Lewis	3321'
Chacara	4180'	4671'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	4180'
Cliffhouse	4671'	4991'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4671'
Menefee	4991'	5410'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4991'
Point Lookout	5410'	5770'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5410'
Mancos	5770'	'	Dark gry carb sh.	Mancos	5770'
Gallup	'	'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	'
Greenhorn	'	'	Highly calc gry sh w/ thin lmst.	Greenhorn	'
Graneros	'	'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	'
Dakota	'	'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	'
Morrison	'	'	Interbed gm, brn & red waxy sh & fine to coard grn ss	Morrison	'

32. Additional remarks (include plugging procedure):

**This well is now producing as a FC/MV commingle under DHC 5492.
The FC will report to # NMNM85779**

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) Amanda Walker Title Operations/Regulatory Technician - Sr.
 Signature  Date 7/24/2025

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.



Outlook

[EXTERNAL] Well Name: PIERCE, Well Number: 3A, Notification of Well Completion Acceptance

From blm-afmss-notifications@blm.gov <blm-afmss-notifications@blm.gov>

Date Fri 7/25/2025 12:18 PM

To Mandi Walker <MWALKER@HILCORP.COM>

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: **PIERCE**
- Well Number: **3A**
- US Well Number: **3004521991**
- Well Completion Report Id: **WCR2025072596250**

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

Well Name: PIERCE	Well Location: T30N / R9W / SEC 7 / SESE / 36.822052 / -107.815002	County or Parish/State: SAN JUAN / NM
Well Number: 3A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080244	Unit or CA Name:	Unit or CA Number: NMNM73351
US Well Number: 3004521991	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2865040

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 07/25/2025

Time Sundry Submitted: 05:28

Date Operation Actually Began: 06/02/2025

Actual Procedure: The following well has been recompleted into the Fruitland Coal and is now producing as a FC/MV commingle under DHC 5492. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

PIERCE_3A_RC_SR_Writeup_20250725052757.pdf

Well Name: PIERCE

Well Location: T30N / R9W / SEC 7 / SESE / 36.822052 / -107.815002

County or Parish/State: SAN JUAN / NM

Well Number: 3A

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF080244

Unit or CA Name:

Unit or CA Number: NMNM73351

US Well Number: 3004521991

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

Signed on: JUL 25, 2025 05:28 AM

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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 07/25/2025

Signature: Kenneth Rennick

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
	Title
Signature	Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SESE / 1140 FSL / 825 FEL / TWSP: 30N / RANGE: 9W / SECTION: 7 / LAT: 36.822052 / LONG: -107.815002 (TVD: 0 feet, MD: 0 feet)

BHL: SESE / 1140 FSL / 825 FEL / TWSP: 30N / SECTION: / LAT: 36.822052 / LONG: 107.815002 (TVD: 0 feet, MD: 0 feet)



Well Operations Summary L48

Well Name: PIERCE #3A

API: 3004521991

Field: BLANCO MESAVERDE (PRORAT #0078

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: DWS 30

Jobs

Actual Start Date: 6/2/2025

End Date:

Report Number 1	Report Start Date 6/2/2025	Report End Date 6/3/2025
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Operation

S/M WITH TRUCKING CO.

LOAD OUT EQUIP MOVE OUT W / RIG AND EQUIP DOWN HILL. TOOL PUSHER DIDNT WANT TO MOVE RIG, ROADS TO MUDDY TO MOVE UNIT. BOB TAILED REST OF EQUIP TO LOCATIOIN.

Report Number 2	Report Start Date 6/3/2025	Report End Date 6/3/2025
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Operation

CREW TRAVEL TO RIG. WAIT ON ROAD CONDITIONS TO DRY UP. TRAVEL TO LOCATION. SPOT IN RIG. CHECK WELL FOR PRESSURE. RAISE DERRICK AND SECURE. BLOW WELL DOWN. N/D TREE. P/U BOP INSTALL ON WELL CONNECT LINES AND FUNCTION TEST. RIG UP FLOOR AND EQUIP. P/ LANDING JT UNLOCK HANGER PULL TO RIG FLOOR. SECURE WELL AND LOCATION FOR THE NIGHT. DEBRIEF CREW. TRAVEL HOME

SITP-70
SICP-70
SIIC- 200
SIBH-0

TRAVEL TO LOCATION. SPOT IN RIG.

CHECK WELL FOR PRESSURE. RAISE DERRICK AND SECURE. BLOW WELL DOWN.

SITP-70
SICP-70
SIIC- 200
SIBH-0

N/D TREE. P/U BOP INSTALL ON WELL CONNECT LINES AND FUNCTION TEST. RIG UP FLOOR AND EQUIP. P/U LANDING JT UNLOCK HANGER PULL TO RIG FLOOR. SECURE WELL AND LOCATION FOR THE NIGHT. DEBRIEF CREW. TRAVEL HOME

SECURE WELL AND LOCATION FOR THE NIGHT. DEBRIEF CREW.

Report Number 3	Report Start Date 6/4/2025	Report End Date 6/4/2025
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Operation

CREW TRAVEL TO LOCATION,

S/M, CHECK WELL FOR PRESSURE. BDW.

SITP-30
SICP-90
SIIC- 150
SIBH-0

REDRESS HANGER RIH LAND AND LOCK INTO PLACE. S/M WITH WSI P/T BOP. GOOD TEST.

UNLOCK HANGER PULL TO RIG FLOOR. REMOVE TWC AND HANGER. S/M WITH PREMIER NDT. SPOT IN TRUCK R/U EQUIP. POH SCANNING 2-3/8 TBG. R/D SCANNERS LOAD OUT EQUIP.

ORDER REPLACEMENT TBG.WAIT ON TRUCK HAVING TROUBLE GETTING TO LOCATION DUE TO MUDDY CONDITIONS. CHANGE OUT FLOATS SPOT IN REPLACEMENT TBG.

M/U BIT AND STRING MILL FOR 4.5 CSNG RIH TO 2500'. PICKING UP OFF OF FLOAT.

SHUT WELL IN AND SECURE LOCATION. BEBRIEF CREW.

CREW TRAVEL HOME.

Report Number 4	Report Start Date 6/5/2025	Report End Date 6/5/2025
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Operation

CREW TRAVEL TO LOCATION.

S/M. CHECK WELL FOR PRESSURE. BLOW WELL DOWN. FINISH RIH W / BIT AND STRING MILL TO 4750' POH W / TBG. BREAK DOWN BIT AND STRING MILL. S/M WITH SELECT OIL TOOL M/U CIBP FOR 4.5 CSNG. KILL WELL W / 20 BBL. RIH W / **CIBP TO 4730' SET CIBP**. L/D 2 JTS. CONNECT RIG PUMP TO TBG LOAD W / 67 BBL. CIRC AIR OUT. CLOSE PIPE RAMS. PRESSURE UP TO 600 PSI 30 MIN. GOOD TEST . BLEED OFF PRESSURE. POH LAYING DOWN 50 JTS. STANDING BACK THE REST IN DERRICK. SECURE WELL AND LOCATION. DEBRIEF CREW. TRAVEL HOME.

SITP-0
SICP-88
SIIC- 30
SIBH-0

FINISH RIH W / BIT AND STRING MILL TO 4750'.

POH W / TBG. BREAK DOWN BIT AND STRING MILL.

S/M WITH SELECT OIL TOOL M/U CIBP FOR 4.5 CSNG. KILL WELL W / 20 BBL.

L/D 2 JTS. CONNECT RIG PUMP TO TBG LOAD W / 67 BBL. CIRC AIR OUT. CLOSE PIPE RAMS. PRESSURE UP TO 600 PSI 30 MIN. GOOD TEST . BLEED OFF PRESSURE.

POH LAYING DOWN 50 JTS. STANDING BACK THE REST IN DERRICK.



Well Operations Summary L48

Well Name: PIERCE #3A

API: 3004521991

Field: BLANCO MESAVERDE (PRORAT #0078

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 30

Report Number 5	Report Start Date 6/6/2025	Report End Date 6/6/2025
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Operation

CREW TRAVEL TO LOCATION.
S/M. CHECK WELL FOR PRESSURE.
SITP-0
SICP-0
SIIC- 22
SIBH-0
S/M WITH TWG. SPOT IN TRUCK R/U EQUIP. RIH W / TOOLS TO 4720'. PRESSURE UP WELL TO 500 PSI AND RUN CBL GENERATOR WENT DOWN RE START LOG AND LOG TO SURFACE. R/D E-LINE.
SPOT IN WSI. MIT TEST WITH STATE REP 560 PSI 30 MIN. GOOD TEST. R/D
S/M WITH DYNAMIC WELLHEAD, N/D BOP SET ON GROUND, N/D TBG HEAD SPOT IN WELDER STUB UP ON 4.5 CSNG. LET COOL. P/T REPLACEMENT TBG HEAD 5K TOP. INSTALL ON WELL P/T SECONDARY SEALS, GOOD TEST. N/U BOP. R/U FLOOR AND EQUIP.
R/U E-LINE RIH **SHOOT SQUEEZE HOLES AT 3220' @ 4 SPF** TOTAL R/D E-LINE.
CONNECT RIG PUMP TO CSNG LOAD ANNULAS W / 83 BBL GOT RETURNS CIRC WELL. KICK OUT PUMP.
SHUT WELL IN. DEBRIEF CREW. TRAVEL HOME.
CREW TRAVEL HOME.

Report Number 6	Report Start Date 6/9/2025	Report End Date 6/9/2025
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Operation

CREW TRAVEL TO LOCATION.
SERVICE AND START EQUIPMENT
SITP: 0 PSI
SICP: 0 PSI
SIIC: 0 PSI
SIBH: 0 PSI
NO BLOW DOWN
PICK UP 4 1/2" CEMENT RETAINER AND TRIP IN THE HOLE, **SET AT 3180'**.
RIG UP DRAKE ENERGY SERVICES AND PUMP SQUEEZE AS FOLLOWS:
SQUEEZE PERFS AT 3220', CEMENT RETAINER SET AT 3180'
CEMENT WITH 150 SACKS TYPE 3 CEMENT, 14.7#, 1.37 YIELD, 36.5 BBLS SLURRY, 27.3 BBLS OF MIX WATER.
PUMP 36.5 BBLS SLURRY WITH GOOD CIRCULATION, PUMP 11.8 BBLS DISPLACEMENT, LOST CIRCULATION DURING DISPLACEMENT. LEFT 30' OF CEMENT ON TOP OF RETAINER.
LAY DOWN 4 JOINTS AND REVERSE OUT WITH 25 BBLS, CEMENT WATER IN RETURNS.
CALCULATED PLUG LENGTH 1757'. CEMENT TOP AT 1423'.
TRIP OUT AND LAY DOWN SETTING TOOL.
SECURE WELL TRAVEL TO YARD.

Report Number 7	Report Start Date 6/10/2025	Report End Date 6/10/2025
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Operation

CREW TRAVEL TO LOCATION.
SERVICE AND START EQUIPMENT
SITP: 0 PSI
SICP: 0 PSI
SIIC: 0 PSI
SIBH: 0 PSI
NO BLOW DOWN
CHANGE OIL IN THE RIG MOTOR.
RIG UP TWG AND RUN CBL FROM 3080' TO SURFACE. CEMENT TOP AT 2560'.
TAG 100' OF FILL ON TOP OF RETAINER..
WAIT ON STATE APPROVAL TO PROCEED.
RIG DOWN WIRELINE TRUCK.
PICK UP 3 7/8" BLADE BIT AND TRIP IN THE HOLE, DRILL CEMENT 3140, TO CEMENT RETAINER AT 3180'.
DECISION WAS MADE TO DRILL OUT CIBP. MADE 6" WITH BLADE BIT
TRIP OUT OF THE HOLE, PICK UP 3 7/8" JUNK MILL.
SECURE WELL TRAVEL TO YARD.

Report Number 8	Report Start Date 6/11/2025	Report End Date 6/11/2025
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Operation

TRAVEL TO LOC.
START EQUIP.
TIH W/ 50 STDS TAG RET. @ 3180
D/O CMT RET. FROM 3180' TO 3182'



Well Operations Summary L48

Well Name: PIERCE #3A

API: 3004521991

Field: BLANCO MESAVERDE (PRORAT #0078

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 30

Operation

D/O HARD CMT TO 3230'
 FELL THRU CMT PU JT 103 AND 104 CIR. CLEAN
 HANG BACK SWIVEL PSI TEST CSG TO 600 PSI GOOD TEST
 LD 104 JTS 2 3/8" TBG
 RU BASIN WL RUN CBL UNDER 500 PSI FROM 3275' TO 2300' RD BASIN
 SWI

CREW TRAVEL TO YARD

Report Number 9	Report Start Date 6/12/2025	Report End Date 6/12/2025
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Operation

CREW TRAVEL TO LOCATION.

SERVICE AND START EQUIPMENT

SITP: 0 PSI
 SICP: 0 PSI
 SIIC: 0 PSI
 SIBH: 0 PSI
 NO BLOW DOWN

RIG UP DYNAMIC AND RUN WITNESSED MIT, 560 PSI FOR 30 MINUTES, GOOD TEST. JOHN DURHAM WITH NMOCD WITNESSED TEST.

RIG BASIN WIRELINE AND **SET COMPOSITE BRIDGE PLUG AT 3182'**, RIG DOWN WIRELINE.

RIG DOWN FLOOR, NIPPLE DOWN BOPE

NIPPLE UP 4" 10K FRAC STACK, RIG DYNAMIC PRESSURE CONTROL AND PRESSURE TEST CASING AND FRAC STACK TO 3800 PSI FOR 30 MINUTES, GOOD TEST.

RIG DOWN, RIG RELEASED TO THE WALKER COM LS #2B

Report Number 10	Report Start Date 7/8/2025	Report End Date 7/8/2025
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Operation

MOVE IN AND SPOT GORE N2 SERVICES AND BASIN WELL LOGGING.

R/U BASIN WELL LOGGING. RIH AND CORRELATE TO LOG RAN ON 06-06-2025. **PERFORATE FRUITLAND ZONE (BROWN) FROM (3133' - 3163') 3 SPF, 0.35" EH, 72 SHOTS TOTAL.** ALL SHOTS FIRED.

RIG UP FRAC AND N2 EQUIPMENT. COOL DOWN N2 PUMPS.

PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 4500 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 5,000 PSI. GOOD TEST.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.

FRUITLAND ZONE (BROWN) STIMULATION: (3,133' - 3,163')

FRAC AT 50 BPM W/ 70Q N2 FOAM.
 TOTAL LOAD: 434 BBLS
 SLICKWATER: 410 BBLS
 TOTAL ACID: 24 BBLS
 TOTAL 30/50 SAND: 43,495 LBS
 TOTAL 100 MESH SAND: 17,143 LBS
 TOTAL N2: 486,000 SCF
 AVERAGE RATE: 50.2 BPM
 MAX RATE: 50.5 BPM
 AVERAGE PRESSURE: 1,701 PSI
 MAX PRESSURE: 1,907 PSI
 MAX SAND CONC: 3.0 PPG DOWNHOLE.
 ISIP: 370 PSI
 5 MIN: 47 PSI

SET COMPOSITE BRIDGE PLUG (SELECT) @ 3,115'. PERFORATE FRUITLAND COAL ZONE (GREEN/PURPLE) FROM (3033' - 3095') 3 SPF, 0.35" EH, 78 SHOTS TOTAL. ALL SHOTS FIRED.

FRUITLAND (GREEN/PURPLE) STIMULATION: (3,033' - 3,095')

FRAC AT 50 BPM W/ 70Q N2 FOAM.
 TOTAL LOAD: 464 BBLS
 SLICKWATER: 440 BBLS
 TOTAL ACID: 24 BBLS
 TOTAL 30/50 SAND: 46,334 LBS
 TOTAL 100 MESH SAND: 19,132 LBS
 TOTAL N2: 536,000 SCF
 AVERAGE RATE: 50.2 BPM
 MAX RATE: 51.0 BPM
 AVERAGE PRESSURE: 1,989 PSI
 MAX PRESSURE: 2,405 PSI
 MAX SAND CONC: 3.0 PPG DOWNHOLE.
 ISIP: 898 PSI
 5 MIN: 605 PSI



Well Operations Summary L48

Well Name: PIERCE #3A

API: 3004521991

Field: BLANCO MESAVERDE (PRORAT #0078

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 30

Operation

SET COMPOSITE BRIDGE PLUG (SELECT) @ 3,013'. PERFORATE FRUITLANDZONE (BLUE/SAND) (2931' - 2993') 4 SPF, 0.35" EH. 71 TOTAL HOLES. ALL SHOTS FIRED.

FRUITLAND (BLUE/SAND) STIMULATION: (2,931' - 2,993')

FRAC AT 50 BPM W/ 70Q N2 FOAM.
 TOTAL LOAD: 444 BBLS
 SLICKWATER: 420 BBLS
 TOTAL ACID: 24 BBLS
 TOTAL 30/50 SAND: 37,884 LBS
 TOTAL 100 MESH SAND: 17,605 LBS
 TOTAL N2: 500,000 SCF
 AVERAGE RATE: 50.0 BPM
 MAX RATE: 50.5 BPM
 AVERAGE PRESSURE: 2,375 PSI
 MAX PRESSURE: 3,081 PSI
 MAX SAND CONC: 3.0 PPG DOWNHOLE.
 ISIP: 986 PSI
 5 MIN: 775 PSI

RIH AND **SET PLUG AT 2,850'**. BLEED OFF 4-1/2" CASING.

SHUT IN, SECURE WELL AND LOCATION.

RIG DOWN FRAC AND WIRELINE EQUIPMENT.

Report Number
11

Report Start Date
7/9/2025

Report End Date
7/9/2025

Operation

CREW TRAVEL TO LOCATION.

MOVE RIG FROM THE STAGING LOCATION TO THE PIERCE 3A (1 MILE MOVE). SPOT RIG AND EQUIPMENT.

RIG UP

SITP: 0 PSI
 SICP: 0 PSI
 SIIC: 0 PSI
 SIBH: 0 PSI
 NO BLOW DOWN

NIPPLE DOWN FRAC STACK. INSTALL TUBING HANGER WITH BPV INSTALLED.
 NIPPLE UP BOPE AND ANNULAR.
 RIG UP DYNAMIC PRESSURE CONTROL AND PRESSURE TEST BOPE, 200 PSI LOW AND 2500 PSI HIGH
 BLIND AND PIPE RAMS, GOOD TEST, REMOVE HANGER.

PICK UP 3 7/8" JUNK MILL AND 6-3 1/8" DRILL COLLARS, TRIP IN HOLE PICKING UP 2 3/8" TUBING.
 TAG PLUG #1 AT 2850'

PICK UP AND RIG UP POWER SWIVEL,
 UNLOAD WELL AND ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM
 WITH 14 BBLS WATER 2 GALLONS OF FOAMER, 1 GALLON INHIBITOR PER HOUR.
DRILL PLUG #1 @ 2850' 1 HOUR TO DRILL PLUG #1

CHASE PLUG PARTS, TAG 5' OF SAND AT 3008' **DRILL PLUG #2 AT 3013'** WITH AIR MIST 1300 CFM
 WITH 14 BBLS WATER 2 GALLONS OF FOAMER, 1 GALLON INHIBITOR PER HOUR.
 1 HOUR TO DRILL PLUG #2

CHASE PLUG PARTS, TAG 20' OF SAND AT 3065' **DRILL PLUG #3 AT 3115'** WITH AIR MIST 1300 CFM
 WITH 14 BBLS WATER 2 GALLONS OF FOAMER, 1 GALLON INHIBITOR PER HOUR.
 1 HOUR TO DRILL PLUG #3

CHASE PLUG PARTS, TAG 20' OF SAND AT 3162' **DRILL PLUG #4 AT 3182'** WITH AIR MIST 1300 CFM
 WITH 14 BBLS WATER 2 GALLONS OF FOAMER, 1 GALLON INHIBITOR PER HOUR.
 1 HOUR TO DRILL PLUG #4

HANG SWIVEL IN THE DERRICK AND TRIP OUT OF THE HOLE TO 2817'

SECURE WELL AND TRAVEL TO YARD.

Report Number
12

Report Start Date
7/10/2025

Report End Date
7/10/2025

Operation

CREW TRAVEL TO LOCATION.

SERVICE AND START EQUIPMENT

SITP: 290 PSI
 SICP: 600 PSI
 SIIC: 0 PSI
 SIBH: 0 PSI
 5 MIN BLOW DOWN



Well Operations Summary L48

Well Name: PIERCE #3A

API: 3004521991

Field: BLANCO MESAVERDE (PRORAT #0078)

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 30

Operation

TRIP IN THE HOLE WITH 5 STANDS, PICK UP TUBING OFF FLOAT, TAG 10' OF FILL AT 4730'.

PICK UP AND RIG UP POWER SWIVEL,
UNLOAD WELL AND ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM
WITH 14 BBLs WATER 2 GALLONS OF FOAMER, 1 GALLON INHIBITOR PER HOUR.
DRILL PLUG #5 AT 4730' WELL MAKING A TRACE OF SAND.
1 1/2 HOURS TO DRILL PLUG #5.

HANG SWIVEL IN THE DERRICK AND TRIP IN THE HOLE PICKING UP 20 JOINTS OF TUBING, TAG 89' OF FILL AND PLUG PARTS AT 5346'

PICK UP AND RIG UP POWER SWIVEL,
UNLOAD WELL AND ESTABLISH CIRCULATION WITH AIR MIST 1300 CFM
WITH 14 BBLs WATER 2 GALLONS OF FOAMER, 1 GALLON INHIBITOR PER HOUR.
CLEAN OUT PLUG PARTS AND FILL 5346' TO 5435' PBDT AT 5435'
RETURNS ARE UP TO A CUP OF COAL AND SHALE.
PUMP 5 GALLON CORROSION INHIBITOR SWEEP WITH 10 BBLs OF WATER.

HANG SWIVEL IN THE DERRICK AND TRIP OUT OF THE HOLE WITH TUBING, LAY DOWN 6 DRILL COLLARS.

NIPPLE DOWN ANNULAR, RIG DOWN AND LOAD OUT SWIVEL.

SECURE WELL AND TRAVEL TO YARD.

Report Number
13Report Start Date
7/11/2025Report End Date
7/11/2025

Operation

CREW TRAVEL TO LOCATION.

SERVICE AND START EQUIPMENT

SITP: 0 PSI
SICP: 0 PSI
SIIC: 180 PSI
SIBH: 0 PSI
BLOW DOWN 10 MINUTES

KILL WELL, PICK UP BHA AND TRIP IN THE HOLE.

LAND TUBING AS FOLLOWS:

- (1)- 2 3/8" BULL PLUG. SLIM HOLE COLLAR
- (1)- 2 3/8" MUD ANCHOR EXTENSION (10.00')
- (1)- 2 3/8" PGA-1 ANCHOR (31.60')
- (1)- 2 3/8" X 1.78 SEAT NIPPLE (1.10')
- (168)- 2 3/8" 4.7# J-55 YELLOW TBG (5316.78')
- (2)- 2 3/8" X 6', 10' PUP JOINTS.
- (1)- 2 3/8" 4.7# J-55 YELLOW TBG (31.32')
- (1)- 2 3/8" X 5K TUBING HANGER

EOT @ 5420'

SEAT NIPPLE @ 5377.08'

PBDT @ 5435'

RIG DOWN FLOOR, NIPPLE DOWN BOPE, NIPPLE UP WELLHEAD.

DOWN HOLE PUMP ASSEMBLY & ROD STRING.

- (1)- 1.315" X 8' STRAINER NIPPLE.
- (1)- 2"X 1 1/4" X 10' X 14' RHAC-Z HVR SN HIL-1211
- (1)- 3/4" X 8' GUIDED ROD.
- (1)- 18K SHEAR TOOL
- (8)- 1 1/4" SINKER BARS.(200")
- (205)- 3/4" SLICK RODS. (5125')
- (3)- 3/4" X, 4', PONY ROD
- (1)- 1 1/4" X 22' POLISHED ROD.

PUMP SEATED @ 5377.08'

EOT @ 5420'

PBDT @ 5435'

2"X 1 1/4" X 10' X 14' RHAC-Z HVR SN HIL-1211
TRIP IN HOLE PICKING UP RODS, SEAT PUMP, SPACE OUT,
LOAD TUBING WITH 25 BBLs OF WATER, PRESSURE TEST TO 1000 PSI. GOOD TEST.
BLEED DOWN TO 200 PSI, LONG STROKE PUMP TO 600 PSI, GOOD TEST.
STACK OUT ON POLISH ROD, WAIT ON PUMPING UNIT.

RIG DOWN RIG AND AIR COMPRESSOR.

RIG RELEASED TO THE SUSCO 16 STATE 101H



Well Operations Summary L48

Well Name: **PIERCE #3A**

API: 3004521991

Field: BLANCO MESAVERDE (PRORAT #0078

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 30

Operation

TRAVEL TO YARD



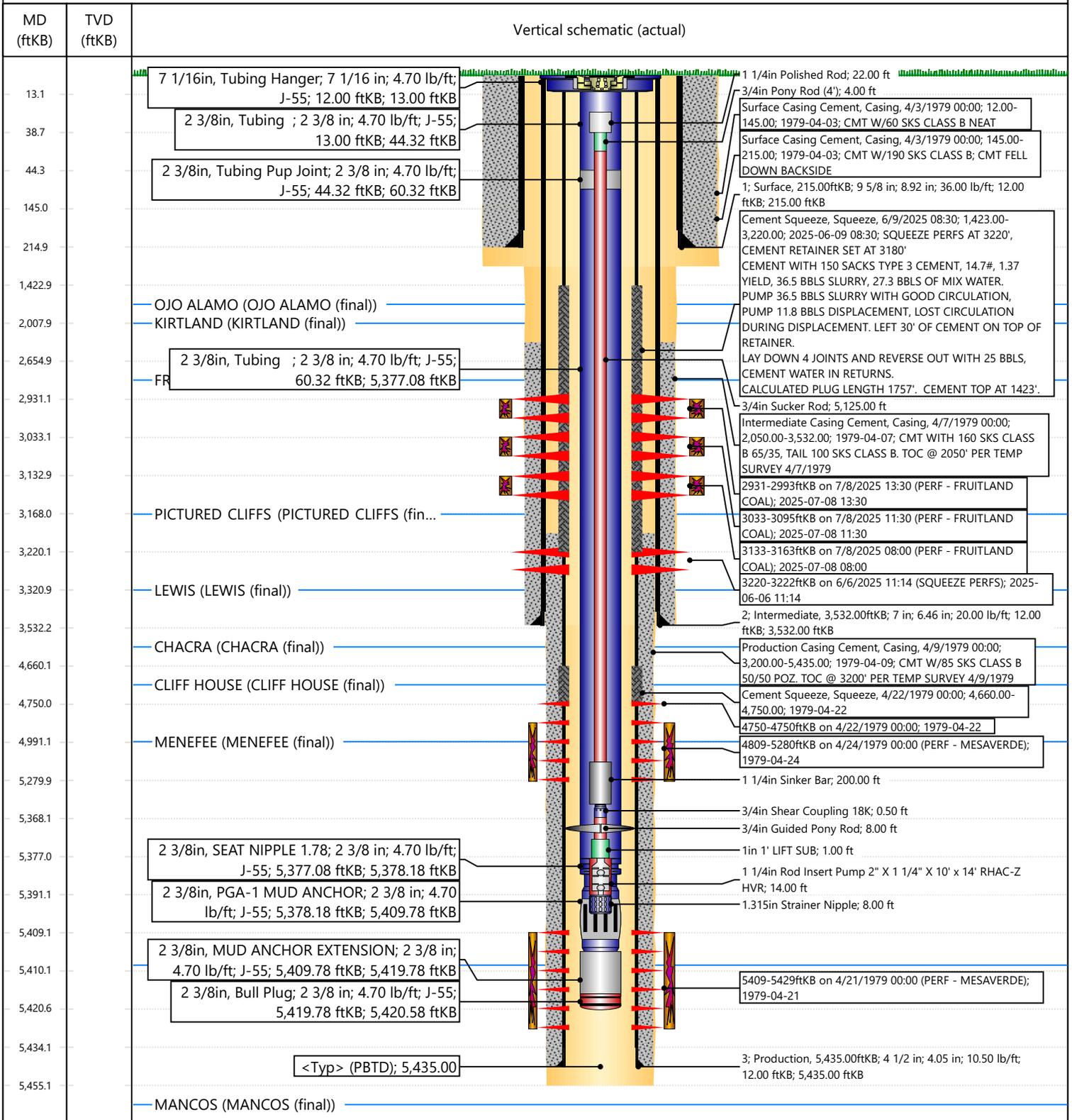
Current Schematic - Version 3

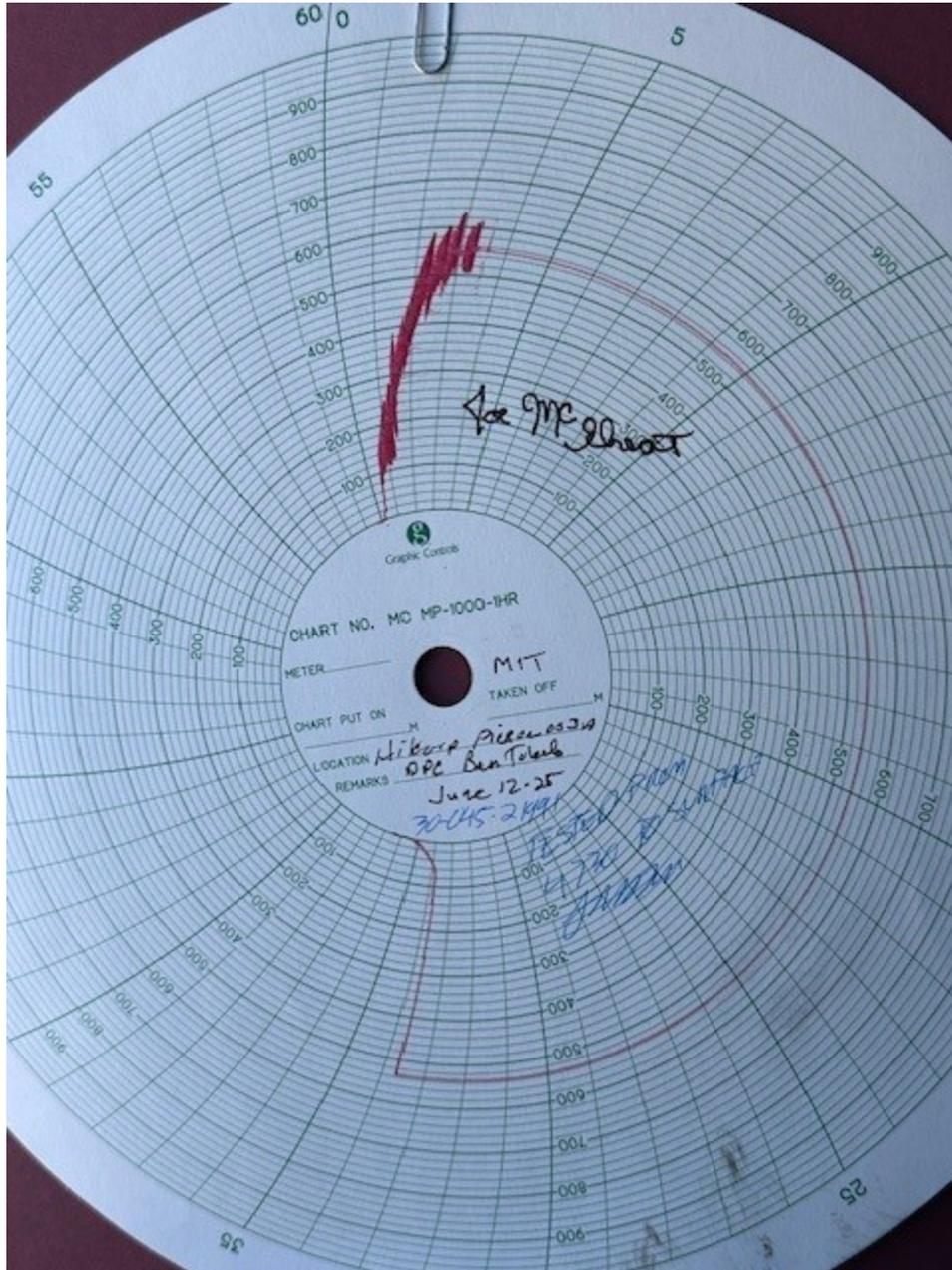
Well Name: **PIERCE #3A**

API / UWI 3004521991	Surface Legal Location 007-030N-009W-P	Field Name BLANCO MESAVERDE (PRORAT #0078)	Route 0410	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,459.00	Original KB/RT Elevation (ft) 6,471.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Tubing Strings					
Run Date 7/11/2025 08:00	Set Depth (ftKB) 5,420.58	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 4/3/1979 00:00

Original Hole, PIERCE #3A [VERTICAL]







NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test 12-June-2025 Operator HILCORP API # 30-0-415-21991
 Property Name PLEACE Well # 2A Location: Unit 1 Sec 7 Twn 2 Rge 9
 Land Type: State _____ Well Type: Water Injection _____
 Federal Salt Water Disposal _____
 Private _____ Gas Injection _____
 Indian _____ Producing Oil/Gas
 Pressure Observation _____

Temporarily Abandoned Well (Y/N): _____ TA Expires: _____
 Casing Pres. 210 Tbg. SI Pres. _____ Max. Inj. Pres. _____
 Bradenhead Pres. 0 Tbg. Inj. Pres. _____
 Tubing Pres. N/A
 Int. Casing Pres. N/A

Pressured annulus up to 545 psi. for 30 mins. Test passed/failed
 REMARKS: FOR TESTED FROM 4:30 TO SURFACE
1000 PSI (NORMAL) 40 MINUTE CLOCK THE CASING
WAS PRESSURED / WRO 545 PSI AND PRESSURE FEEL TO
540 PSI, AND HELD FOR THE LAST 10 MINUES

By: Joe M. Deaton Witness: [Signature]
 (Operator Representative) (NMOCD)
 (Position)

Revised 02-11-02

Sent on: Thursday, June 12, 2025 1:05:18 PM
To: [Kuehling, Monica, EMNRD](#); [Rennick, Kenneth G](#)
CC: [Mandi Walker](#); [Amanda Atencio](#); [Shane Smith](#); [Juan Cardenas](#)
Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion
Attachments: MIT Report Pierce 3A.jpg (79.06 KB), MIT Pierce 3A.jpg (124.88 KB)

Thanks & here is follow up showing MIT passed across squeeze perf and from 4730' to surface.

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, June 12, 2025 10:21 AM
To: [Rennick, Kenneth G <krennick@blm.gov>](#); [Bruce Darlington <Bruce.Darlington@hilcorp.com>](#)
Cc: [Mandi Walker <mwalker@hilcorp.com>](#); [Amanda Atencio <Amanda.Atencio@hilcorp.com>](#); [Shane Smith <Shane.Smith@hilcorp.com>](#); [Juan Cardenas <jcardenas@hilcorp.com>](#)
Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

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NMOCD approves to continue with recomplete in Fruitland Coal formation through perforations from 2931 to 3163

Thank you

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

From: [Rennick, Kenneth G <krennick@blm.gov>](#)
Sent: Thursday, June 12, 2025 6:58 AM
To: [Bruce Darlington <Bruce.Darlington@hilcorp.com>](#); [Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>](#)
Cc: [Mandi Walker <mwalker@hilcorp.com>](#); [Amanda Atencio <Amanda.Atencio@hilcorp.com>](#); [Shane Smith <Shane.Smith@hilcorp.com>](#); [Juan Cardenas <jcardenas@hilcorp.com>](#)
Subject: Re: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

The BLM finds the proposed perforations 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
Released to Imaging: 9/18/2025 9:34:03 AM

From: Bruce Darlington <Bruce.Darlington@hilcorp.com>
Sent: Thursday, June 12, 2025 6:51 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrn.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>; Shane Smith <Shane.Smith@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>
Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

Good morning,

Attached is the Complete CBL done 6/11/25 by Basin Well Logging covering NOI interval 2805 – 3168'. Squeeze perfs are at 3220'. Proposed perfs have been modified to 2931-3163'. Looks like good bond above, covering, and below. OCD witnessed MIT is scheduled this morning. Pre-test looks good and upon witnessed MIT, consent will be requested for approval to proceed with recompletion.

Have a great Thursday!

Bruce Darlington
 Sr Ops Engineer
 Mobile 713-203-2029
Bruce.Darlington@Hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrn.nm.gov>
Sent: Tuesday, June 10, 2025 5:44 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Bruce Darlington <Bruce.Darlington@hilcorp.com>
Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>
Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

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This well will also need an MIT through both perforating and cementing areas

Thank you

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

From: Kuehling, Monica, EMNRD
Sent: Tuesday, June 10, 2025 4:42 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Bruce Darlington <Bruce.Darlington@hilcorp.com>
Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>
Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

Thank you I will look for the log in the morning

Monica

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, June 10, 2025 2:54 PM

To: Bruce Darlington <Bruce.Darlington@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
C: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>

Subject: Re: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

That will work. Thank you, Bruce!

Kenny Rennick

From: Bruce Darlington <Bruce.Darlington@hilcorp.com>

Sent: Tuesday, June 10, 2025 2:49 PM

To: Rennick, Kenneth G <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>

Subject: Re: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

Thanks for the reply and we intend to drill the retainer and relog to get the lowest perf of 3163'. We will resubmit a CBL tomorrow that honors the lower 100' specification. Thanks for the guidance and look forward to the CBL.

Get [Outlook for iOS](#)

From: Rennick, Kenneth G <krennick@blm.gov>

Sent: Tuesday, June 10, 2025 2:53:23 PM

To: Bruce Darlington <Bruce.Darlington@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>

Subject: Re: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

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Hello Bruce,

I noticed that the CBL does not cover the entire proposed interval. I assume that is because of the setting of the CIBP at 3180. An adjustment in the proposed bottom perforation may be required due to lack of proof of 100 feet of minimum cement below the bottom perforation.

Kenny Rennick

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: Bruce Darlington <Bruce.Darlington@hilcorp.com>

Sent: Tuesday, June 10, 2025 12:29 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>

Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>

Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

Squeeze perfs at 3220' and circulation squeeze performed via cement retainer at 3180' with 150 sacks of class 3 cement lifted cement to 2520' (see attached 2nd CBL), roughly 285' above the NOI interval of 2805 – 3168'. Your permission is requested to perforate & proceed with the recompletion. Top perf is designed to be 2931 and bottom perf 3163'.

Thanks for your time to review this proposal and call or reply with further questions.

Thanks,

Bruce Darlington

Sr Ops Engineer

Mobile 713-203-2029

Bruce.Darlington@Hilcorp.com



WBD Proposed Formations 1

Well Name: PIERCE #3A

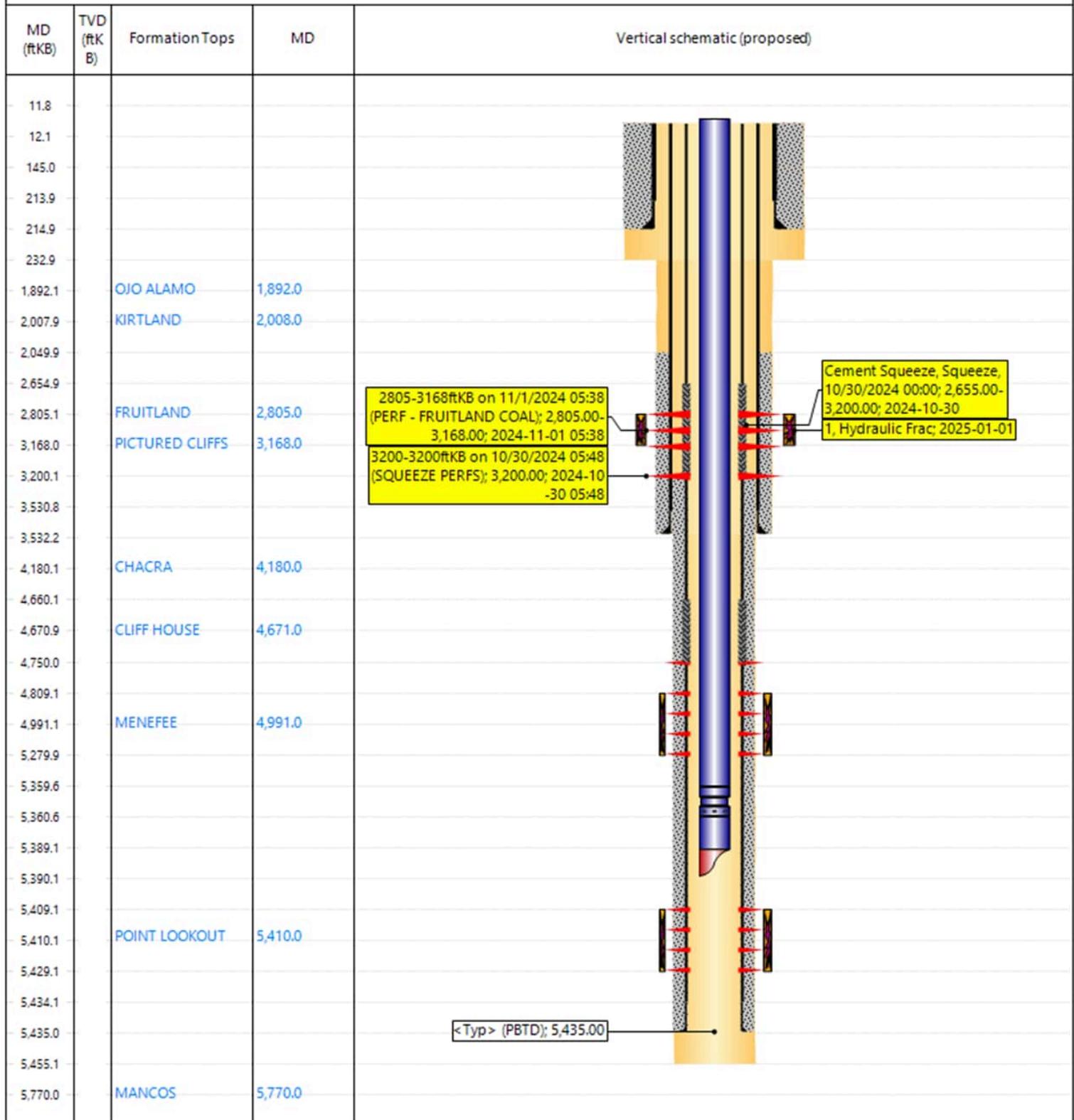
API / UWI 3004521991	Surface Legal Location 007-030N-009W-P	Field Name BLANCO MESA/VERDE (PRORAT #0078	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,459.00	Casing Flange Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	Original Spud Date 4/3/1979 00:00	Rig Release Date 4/8/1998 18:00

Most Recent Job

Job Category FACILITIES	Primary Job Type TUBING REPAIR	Secondary Job Type TUBING REPAIR	Actual Start Date 4/3/1998	End Date 4/9/1998
----------------------------	-----------------------------------	-------------------------------------	-------------------------------	----------------------

TD: 5,455.0

Original Hole [VERTICAL]



From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, June 9, 2025 7:57 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Bruce Darlington <Bruce.Darlington@hilcorp.com>
Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>
Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

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

NMOCD approves below

Thank you

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

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Friday, June 6, 2025 3:42 PM
To: Bruce Darlington <Bruce.Darlington@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>
Subject: Re: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

Thank you for the update, Bruce. Please do keep us inform.

Have a good weekend as well!

Kenny Rennick

From: Bruce Darlington <Bruce.Darlington@hilcorp.com>
Sent: Friday, June 6, 2025 1:17 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>
Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion

Good Afternoon & project update,

CIBP was set at 4730' and MIT was witnessed. CBL on the subject well did not show cement coverage across the Fruitland recompletion zone of interest 2805 – 3168'. The NOI forecasted a circulation squeeze from 3200' to 2655'. 15 bbls of cement (65 sx Class 3) cement will be placed Monday to accomplish coverage. Another CBL will be run for confirmation and submitted after the squeeze.

Thanks for your time to receive this update and please look for a subsequent update with an additional CBL for confirmation. Have a good weekend.

Bruce Darlington

Sr Ops Engineer

Mobile 713-203-2029

Bruce.Darlington@Hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Sent: Monday, June 2, 2025 8:42 AM

To: Rennick, Kenneth G <krennick@blm.gov>; Bruce Darlington <Bruce.Darlington@hilcorp.com>

Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>

Subject: RE: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion CIBP depth

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

NMOCD approves CIBP setting depth of 4730.

Thank you

Monica Kuehling

Compliance Officer Supervisor

Deputy Oil and Gas Inspector

New Mexico Oil Conservation Division

North District

Cell Phone: 505-320-0243

Email - monica.kuehling@emnrd.nm.gov

From: Rennick, Kenneth G <krennick@blm.gov>

Sent: Friday, May 30, 2025 2:43 PM

To: Bruce Darlington <Bruce.Darlington@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>

Subject: Re: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion CIBP depth

The BLM finds the proposed CIBP depth 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: Bruce Darlington <Bruce.Darlington@hilcorp.com>
Sent: Friday, May 30, 2025 2:35 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>; Amanda Atencio <Amanda.Atencio@hilcorp.com>
Subject: [EXTERNAL] Pierce 3A, API 3004521991, FRC Recompletion CIBP depth

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Happy Friday All,

Prep work will start Monday on the Pierce 3A. The NOI procedure specifies the initial CIBP be set at 4,759' which is 50' from the top perf 4,809' in the Cliff House formation. This CIBP depth at 4,759' would expose preexisting squeeze perms used in 1979 at 4,750'. Please allow an exception to set the CIBP at 4,730', roughly 30' higher & 59' below geologic top of Cliff House to avoid exposing the squeeze perforations.

Thanks for your efforts making this consideration,



HILCORP ENERGY COMPANY
PIERCE 3A
FRUITLAND COAL RECOMPLETION SUNDRY

JOB PROCEDURES

- | | | |
|-------------------------------------|-------|---|
| <input checked="" type="checkbox"/> | NMOCD | Contact OCD 24 hrs prior to MIRU. Record and document all casing pressures <u>daily</u> , including BH, IC (if present) and |
| <input checked="" type="checkbox"/> | BLM | PC. Comply with all NMOCD, BLM, and HEC safety and environmental regulations. |
- MIRU service rig and associated equipment.
 - Nipple down wellhead, nipple up and test BOPs per HEC, State, and Federal guidelines.
 - TOOH with 2-3/8" tubing
 - Set a 4-1/2" bridge plug at 4,759' to isolate the Mesaverde formation.
 - RU pressure test truck. Perform a Mechanical Integrity Test on the wellbore above the plug at 4,759'. Chart record the MIT test (notify BLM and NMOCD +24hr before actual test).
 - RU wireline, run a CBL f/ the plug at 4,759' to surface
 - Pending results of the CBL, perforate for circulating squeeze at ~3,200'. Establish circulation to surface, circulate a column of cement to adequately cover the Fruitland Coal interval + 150'.
 - Drill out cement. Perform an additional witnessed MIT test on the csg (notify BLM and NMOCD +24hr before actual test). Run an additional CBL to verify TOC.
 - NDNU frac stack. PT casing and frac stack to 4,000 psi
 - RU E-line crew. Perforate the Fruitland Coal. (Top perforation @ 2,805', Bottom perforation @ 3,168').
NOTE: perforation interval subject to change. All changes will be communicated to the Regulatory Agencies prior to perforating.
 - RU stimulation crew. Frac the Fruitland Coal in one or more stages via the casing.
 - MIRU service rig. Nipple down frac stack, nipple up BOP and test. Kill well with fluid, if necessary
 - Pending C107A approval, drill out the stage, Mesaverde/Dakota isolation plugs. Clean out to PBTD at 5,435'
 - TIH and land 2-3/8" production tubing. Run pump and rods, install pumping unit.
 - Flowback well thru flowback separator and sand trap. Get a commingled Fruitland Coal / Mesa Verde flow rate.



WBD Proposed Formations 1

Well Name: PIERCE #3A

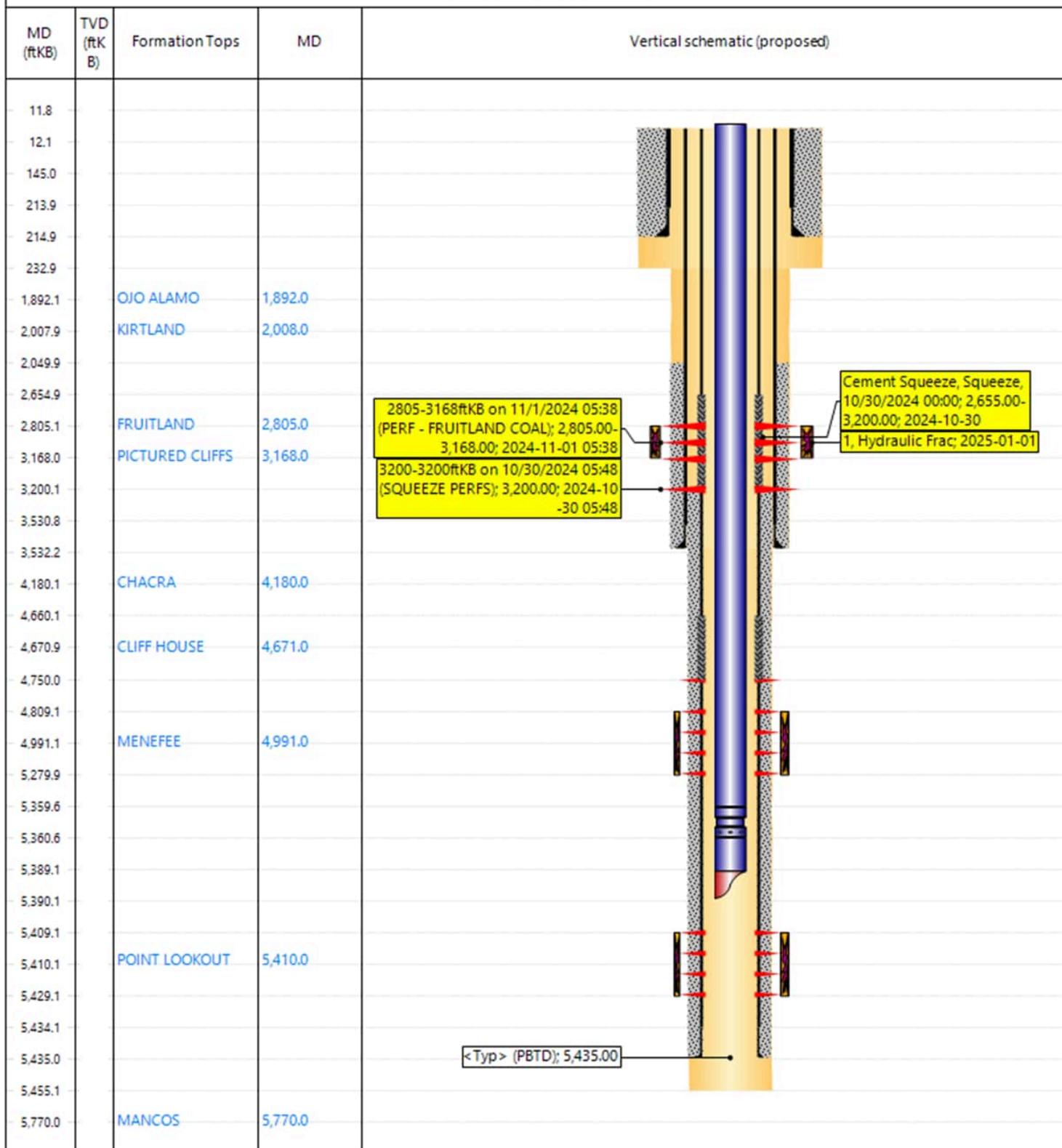
API / UWI 3004521991	Surface Legal Location 007-030N-009W-P	Field Name BLANCO MESA/VERDE (PRORAT #007)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,459.00	Casing Flange Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	Original Spud Date 4/3/1979 00:00	Rig Release Date 4/8/1998 18:00

Most Recent Job

Job Category FACILITIES	Primary Job Type TUBING REPAIR	Secondary Job Type TUBING REPAIR	Actual Start Date 4/3/1998	End Date 4/9/1998
----------------------------	-----------------------------------	-------------------------------------	-------------------------------	----------------------

TD: 5,455.0

Original Hole [VERTICAL]



Bruce Darlington

Sr Ops Engineer

Mobile 713-203-2029

Bruce.Darlington@Hilcorp.com

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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 488996

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 488996
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
<input checked="" type="checkbox"/>	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.

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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 488996

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 488996
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/18/2025