

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 Longfellow Energy LP 8115 Preston Road, Suite 800 Dallas, TX 75225		² OGRID Number 372210
		³ Reason for Filing Code/ Effective Date NW 7/2023
⁴ API Number 30 – 015-49774	⁵ Pool Name Red Lake; Glorieta – Yeso, Northeast	
		⁶ Pool Code 96836
⁷ Property Code 333089	⁸ Property Name Bonzo State Com 1924 CDX	⁹ Well Number 001H

II. ¹⁰ Surface Location

Ul or lot no. L	Section 20	Township 17S	Range 28E	Lot Idn	Feet from the 1874	North/South Line South	Feet from the 743	East/West line West	County Eddy
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

¹¹ Bottom Hole Location

UL or lot no. J	Section 24	Township 17S	Range 27E	Lot Idn	Feet from the 2274	North/South line South	Feet from the 2607	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 4/1/2023	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
33479	Holly Frontier Refining and Marketing LLC 10 Desta Drive, Suite 350 W Midland, TX 79705	Oil
36785	DCP Operating Company LP	Gas

IV. Well Completion Data

²¹ Spud Date 12/06/2022	²² Ready Date 4/28/2023	²³ TD 3455'V/11928'M	²⁴ PBSD 3457'V/11842'M	²⁵ Perforations 11,832'-4,090'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	9-5/8"	1304'	555		
8-3/4"	7"	3826'	1895		
8-3/4"	5-1/2"	11908'	1895		

V. Well Test Data

³¹ Date New Oil 7/11/2023	³² Gas Delivery Date 5/21/2023	³³ Test Date 7/17/2023	³⁴ Test Length 24	³⁵ Tbg. Pressure 280	³⁶ Csg. Pressure 60
³⁷ Choke Size N/A	³⁸ Oil 14	³⁹ Water 3827	⁴⁰ Gas 34		⁴¹ Test Method ESP
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: 			OIL CONSERVATION DIVISION		
Printed name: David Cain			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: David.cain@longfellowenergy.com			Approval Date: 8/3/2023		
Date: 7/18/2023		Phone: (972) 590-9918			



July 18, 2023

NMOCD
1220 South St Francis Drive
Santa Fe, NM 87505

Re: Bonzo State Com 1924 CDX 001H Tight Hole Status 30-015-49774

Hello,

Pursuant to NMOCD rule 19.15.7.16(C) request is herein made to keep all data and accompanying attachments contained in form C-105 confidential.

Best Regards,

A handwritten signature in black ink, appearing to read 'David Cain', with a long horizontal flourish extending to the right.

David Cain
Engineering Technologist & Regulatory Specialist
Longfellow Energy, LP
972-590-9918
david.cain@longfellowenergy.com

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-49774	² Pool Code 96836	³ Pool Name RED LAKE; GLORIETA-YESO, NORTHEAST
⁴ Property Code 333089	⁵ Property Name BONZO STATE COM 1924 CDX	⁶ Well Number 001H
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP	⁹ Elevation 3599.3

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
L	20	17 S	28 E		1874	SOUTH	743	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	24	17 S	27 E		2274	SOUTH	2607	EAST	EDDY

¹² Dedicated Acres 486.05	¹³ Joint or Infill	¹⁴ Consolidation Code C	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.

17 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 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. <i>David Cain</i> 1-26-2023 Signature Date David Cain Printed Name david.cain@longfellowenergy.com E-mail Address		18 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. JANUARY 24, 2023 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 Professional Surveyor No. 8715B	

Intent ☐ As Drilled ☒

API # 30-015-49774		
Operator Name: LONGFELLOW ENERGY, LP	Property Name: BONZO STATE COM 1924 CDX	Well Number 001H

Kick Off Point (KOP)

UL L	Section 20	Township 17S	Range 28E	Lot	Feet 2211	From N/S SOUTH	Feet 834	From E/W WEST	County EDDY
Latitude 32.8184776					Longitude 104.2035969			NAD 83	

First Take Point (FTP)

UL I	Section 19	Township 17S	Range 28E	Lot	Feet 2288	From N/S SOUTH	Feet 118	From E/W EAST	County EDDY
Latitude 32.8186945					Longitude 104.2066975			NAD 83	

Last Take Point (LTP)

UL J	Section 24	Township 17S	Range 27E	Lot	Feet 2274	From N/S SOUTH	Feet 2527	From E/W EAST	County EDDY
Latitude 32.8185941					Longitude 104.2319411			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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-103 August 1, 2011 Permit 340791 WELL API NUMBER 30-015-49774 5. Indicate Type of Lease State 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name BONZO STATE COM 1924 CDX																								
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)																										
1. Type of Well: Oil		8. Well Number 001H																								
2. Name of Operator LONGFELLOW ENERGY, LP		9. OGRID Number 372210																								
3. Address of Operator 8115 Preston Road, Suite 800, Dallas, TX 75225		10. Pool name or Wildcat																								
4. Well Location Unit Letter <u>L</u> : <u>1874</u> feet from the <u>S</u> line and feet <u>743</u> from the <u>W</u> line Section <u>20</u> Township <u>17S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>																										
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3599 GR																										
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																										
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK ☐</td> <td>PLUG AND ABANDON ☐</td> <td>REMEDIAL WORK ☐</td> <td>ALTER CASING ☐</td> </tr> <tr> <td>TEMPORARILY ABANDON ☐</td> <td>CHANGE OF PLANS ☐</td> <td>COMMENCE DRILLING OPNS. ☐</td> <td>PLUG AND ABANDON ☐</td> </tr> <tr> <td>PULL OR ALTER CASING ☐</td> <td>MULTIPLE COMPL ☐</td> <td>CASING/CEMENT JOB ☐</td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Perforations/Tubing</u> ☒</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐	TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐	PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐		Other: _____		Other: <u>Perforations/Tubing</u> ☒					
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																								
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐																							
TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐																							
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐																								
Other: _____		Other: <u>Perforations/Tubing</u> ☒																								
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. See Attached Perforations Pool: RED LAKE; GLORIETA-YESO, NORTHEAST , 96836 Location: J -24-17S-27E 2274 S 2607 E <table style="width:100%;"> <tr> <td>TOP</td> <td>BOT</td> <td>Open Hole</td> <td>Shots/ft</td> <td>Shot Size</td> <td>Material</td> <td>Stimulation</td> <td>Amount</td> </tr> <tr> <td>11832</td> <td>4090</td> <td>N</td> <td>4</td> <td>0.42</td> <td>Sand/Water</td> <td>Frac</td> <td>9164370</td> </tr> </table> Tubing RED LAKE; GLORIETA-YESO, NORTHEAST , 96836 <table style="width:100%;"> <tr> <td>Tubing Size</td> <td>Type</td> <td>Depth Set</td> <td>Packer Set</td> </tr> <tr> <td>2.875</td> <td>L80</td> <td>3609</td> <td>0</td> </tr> </table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	11832	4090	N	4	0.42	Sand/Water	Frac	9164370	Tubing Size	Type	Depth Set	Packer Set	2.875	L80	3609	0
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount																			
11832	4090	N	4	0.42	Sand/Water	Frac	9164370																			
Tubing Size	Type	Depth Set	Packer Set																							
2.875	L80	3609	0																							
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																										
SIGNATURE <u>Electronically Signed</u> TITLE <u>Engineering Technologist</u> DATE <u>5/19/2023</u> Type or print name <u>David Cain</u> E-mail address <u>david.cain@longfellowenergy.com</u> Telephone No. <u>214-265-4715</u>																										
For State Use Only: APPROVED BY: <u>Sarah K McGrath</u> TITLE <u>Petroleum Specialist - A</u> DATE <u>6/14/2023 3:13:45 PM</u>																										

Bonzo State Com 1924CDX 001H Tubing & Perf Sundries

001H

RUPU 3/24/2023. Pressure test csg to 7000# for 30 min. Good test. RIH & Perf from 11832-11658, 11629-11455, 11426-11250, 11160-10988, 10959-10785, 10756-10582, 10553-10379, 10350-10176, 10147-9973, 9944-9770, 9741-9567, 9538-9364, 9335-9161, 9132-8958, 8929-8755, 8726-8552, 8519-8349, 8320-8142, 8117-7943, 7914-7740, 7711-7537, 7505-7334, 7305-7131, 7102-6928, 6895-6725, 6696-6525, 6493-6319, 6286-6116, 6087-5913, 5884-5710, 5684-5504, 5478-5304, 5275-5101, 5072-4898, 4869-4695, 4666-4492, 4463-4289, 4255-4090. Frac in 38 stages w/ 575926bbbls slickwater and 9164370# sand. 4/19/2023 rig down and cleanout. RIH w/ 2-7/8 tbg @ 3609'. Put well on submersible pump.

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
							1. WELL API NO. 30-015-49774			
							2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN			
							3. State Oil & Gas Lease No.			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							5. Lease Name or Unit Agreement Name Bonzo State Com 1924 CDX			
							6. Well Number: 001H			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Longfellow Energy, LP							9. OGRID 372210			
10. Address of Operator 8115 Preston Rd, Suite 800, Dallas, TX 75225							11. Pool name or Wildcat Red Lake; Glorieta-Yeso, Northeast			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	20	17 S	28 E		1874	South	743	West	Eddy
BH:	J	24	17 S	27 E		2274	South	2607	East	Eddy
13. Date Spudded 12/6/2022	14. Date T.D. Reached 12/15/2022		15. Date Rig Released 12/16/2022		16. Date Completed (Ready to Produce) 4/28/2023			17. Elevations (DF and RKB, RT, GR, etc.) 3599		
18. Total Measured Depth of Well 11928'			19. Plug Back Measured Depth 11842'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run Mudlog		
22. Producing Interval(s), of this completion - Top, Bottom, Name 4090'-11832' Yeso										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9-5/8"		36#		1304'		12-1/4"		555 sxs. cmt to surf		0
7"		32#		3826'		8-3/4"		1895 sxs. cmt to surf		0
5-1/2"		20#		11908'		8-3/4"		1895 sxs. cmt to surf		0
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN					
25. TUBING RECORD										
SIZE	DEPTH SET		PACKER SET							
	2-7/8"		3609'							
26. Perforation record (interval, size, and number)										
11832-11658, 11629-11455, 11426-11250, 11160-10988, 10959-10785, 10756-10582, 10553-10379, 10350-10176, 10147-9973, 9944-9770, 9741-9567, 9538-9364, 9335-9161, 9132-8958, 8929-8755, 8726-8552, 8519-8349, 8320-8142, 8117-7943, 7914-7740, 7711-7537, 7505-7334, 7305-7131, 7102-6928, 6895-6725, 6696-6525, 6493-6319, 6286-6116, 6087-5913, 5884-5710, 5684-5504, 5478-5304, 5275-5101, 5072-4898, 4869-4695, 4666-4492, 4463-4289, 4255-4090.										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.										
DEPTH INTERVAL					AMOUNT AND KIND MATERIAL USED					
4090'-11832'					Frac is 38 stages w/ 575926bbls slickwater and 9164370# sand					
28. PRODUCTION										
Date First Production 5/21/2023		Production Method (Flowing, gas lift, pumping - Size and type pump) Electric Submersible Pump				Well Status (Prod. or Shut-in) Prod				
Date of Test 7/17/2023	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 14	Gas - MCF 34	Water - Bbl. 3827	Gas - Oil Ratio			
Flow Tubing Press. 280	Casing Pressure 60	Calculated 24-Hour Rate	Oil - Bbl. 14	Gas - MCF 34	Water - Bbl. 3827	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By Jarrett Webb			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 		Printed Name David Cain		Title Regulatory Analyst			Date 7/18/2023			
E-mail Address david.cain@longfellowenergy.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1598'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1926'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3430'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 3477'	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

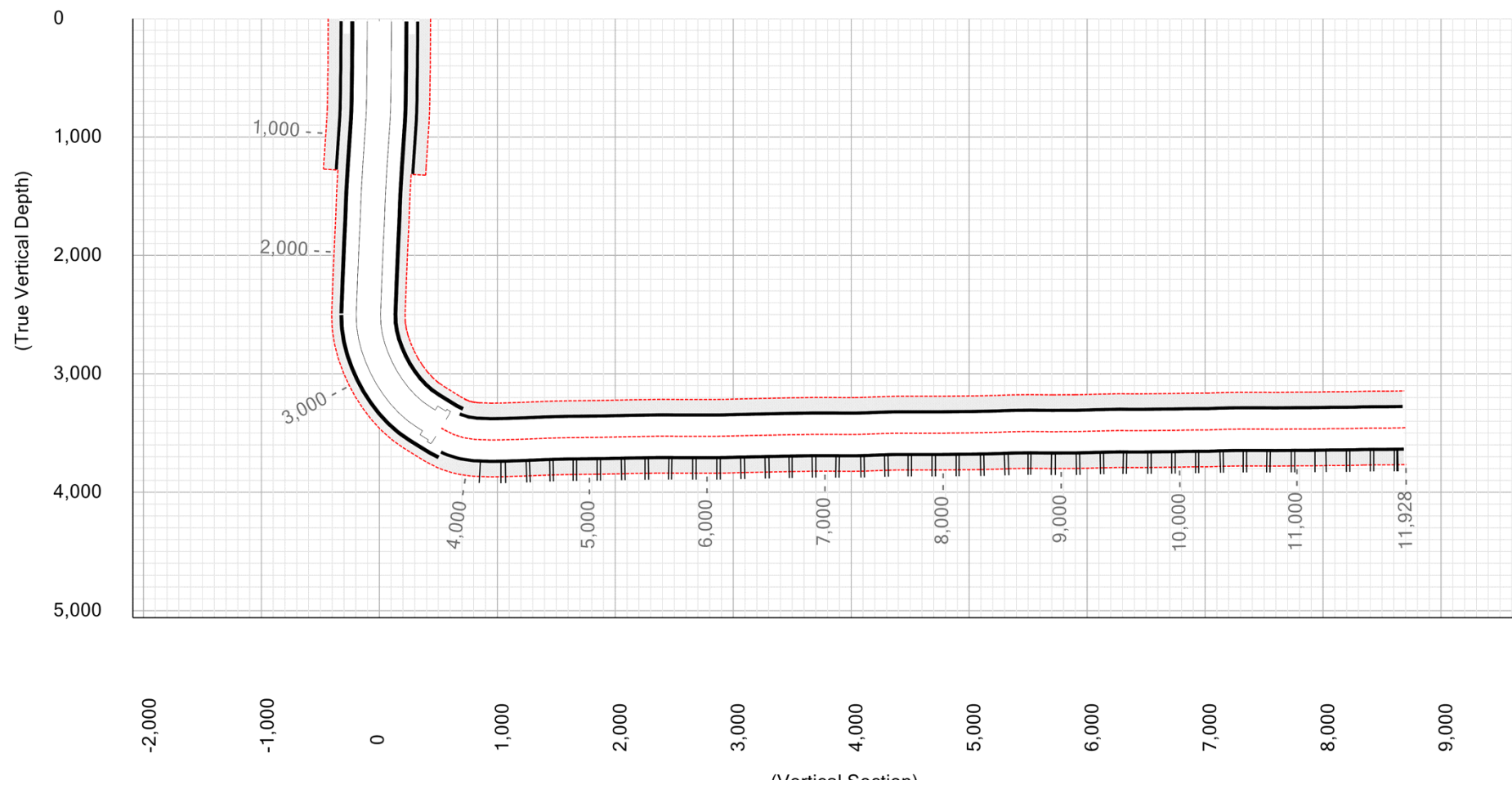
No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Bonzo State Com 1924 CDX # 1H, 5/18/2023



Bonzo State Com 1924 CDX # 1H API # 3001549774			
1874 FSL & 743 FWL	GL Elev:	3,599.00	KOP: 2,525
Section 20, Township 17S, Range 28E		EOC:	4,090
County, State: Eddy, NM		Fill Depth:	
Aux ID:		PBTD:	11,860.00
'KB' correction: 26.5; All Depths Corr To: KB		TD:	11,908.00
		BOP:	7 1/16" 10M

Hole Size

Diameter	Top At	Btm At	Date Drilled
12.2500	0.00	1,309.00	12/3/2022
8.7500	1,309.00	11,928.00	12/15/2022

Surface Casing

Date Ran: 12/7/2022

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	32	9.6250	36.00	J55	1,277.50	26.50	1,304.00

Production Casing

Date Ran: 12/13/2022

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	64	7.0000	32.00	L80	2,478.76	26.50	2,505.26
Bow spring every 3rd jt							
Marker Jt	1	7.0000	32.00	L80	19.79	2,505.26	2,525.05
Casing	33	7.0000	32.00	L80	1,298.29	2,525.05	3,823.34
Bow spring every 3rd jt							
Crossover	1	5.5000	20.00	L80	2.21	3,823.34	3,825.55
Casing	10	5.5000	20.00	L80	444.09	3,825.55	4,269.64
Solid body every 2nd jt							
Float Insert	1	5.5000	20.00	L80	2.21	4,269.64	4,271.85
Casing	57	5.5000	20.00	L80	2,499.27	4,271.85	6,771.12
Solid body every 2nd jt							
Marker Jt	1	5.5000	20.00	L80	22.12	6,771.12	6,793.24
Casing	54	5.5000	20.00	L80	2,378.12	6,793.24	9,171.36
Solid body every 2nd jt							
Marker Jt	1	5.5000	20.00	L80	22.37	9,171.36	9,193.73
Casing	56	5.5000	20.00	L80	2,464.91	9,193.73	11,658.64
Solid body every 2nd jt							
Marker Jt	1	5.5000	20.00	L80	22.07	11,658.64	11,680.71
Casing	4	5.5000	20.00	L80	179.20	11,680.71	11,859.91
Solid body every jt							
Float Collar	1	5.5000	20.00	L80	1.25	11,859.91	11,861.16
Casing	1	5.5000	20.00	L80	44.80	11,861.16	11,905.96
Float Shoe	1	5.5000	20.00	L80	2.04	11,905.96	11,908.00

Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	1,309.00	9.625	12.250	Circ	1 - Lead	445	C	13.50
					2 - Tail	110	C	14.80
36 bbls to surf or 117 sx to surf								
3,823.00	11,908.00	5.500	8.750	Circ				
130.00	3,823.00	7.000	8.750	CBL	1 - Lead	285	25/75 Poz	12.20

Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
					2 - Tail	1610	C	14.50
Good bond from TOC through heel								

Zone and Perfs**Comments / Completion Summary**

Did not circulate cement to surface. will require CBL

Stg	Top	Btm	AIR	AIP	MIR	MIP	ISIP
1	11658	11832	118	6950	122	7149	1284
2	11455	11629	105	6934	109	7122	1334
3	11250	11426	112	6992	116	7167	1396
4	10988	11160	117	6888	120	7247	1392
5	10785	10959	134	6669	135	7185	1393
6	10582	10756	122	6967	132	7235	1432
7	10379	10553	121	6975	127	7298	1554
8	10176	10350	133	6887	136	7190	1709
9	9973	10147	110	6946	125	7297	1687
10	9770	9944	122	6415	123	7327	1684
11	9567	9741	120	6932	122	7250	1692
12	9364	9538	128	6926	137	7380	1792
13	9161	9335	134	6753	136	7532	1834
14	8958	9132	128	6858	136	7174	1785
15	8755	8929	133	6544	135	7071	1629
16	8552	8726	134	6526	136	7161	1730
17	8349	8519	133	6752	136	7126	1748
18	8142	8320	135	6483	136	7100	1822
19	7943	8117	135	6490	136	6956	1750
20	7740	7914	132	6766	136	7322	1801
21	7537	7711	134	6068	136	7119	1738
22	7334	7505	133	6684	137	7202	1834
23	7131	7305	133	6860	135	7215	1918
24	6928	7102	134	6867	138	7282	1895
25	6725	6895	128	7098	133	7382	1784
26	6525	6696	130	6794	135	7285	1812
27	6319	6493	134	6590	135	7099	1904
28	6116	6286	122	5959	137	6972	1813
29	5913	6087	135	6323	136	7100	1784
30	5710	5884	135	6210	136	6706	1808
31	5504	5684	134	5914	136	7050	1861
32	5304	5478	135	5920	136	6894	1807
33	5101	5275	135	6477	135	7212	1848
34	4898	5072	133	6385	137	7252	1823
35	4695	4869	135	6363	136	6935	1912
36	4492	4666	133	6728	137	7038	1926
37	4289	4463	134	6574	138	7253	1959
38	4090	4255	135	6614	135	7136	1992

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
4,090.00	4,255.00	Paddock	A	4/17/2023	4/17/2023	4	28
Stage 38 - (4,4,4,4,4,4,4)							
4,289.00	4,463.00	Paddock	A	4/16/2023	4/16/2023	4	28
Stage 37 - (4,4,4,4,4,4,4)							
4,492.00	4,666.00	Paddock	A	4/16/2023	4/16/2023	4	28
Stage 36 - (4,4,4,4,4,4,4)							
4,695.00	4,869.00	Paddock	A	4/15/2023	4/16/2023	6	30
Stage 35 - (6,4,4,4,4,4,4)							
4,898.00	5,072.00	Paddock	A	4/15/2023	4/15/2023	6	30
Stage 34 - (6,4,4,4,4,4,4)							
5,101.00	5,275.00	Paddock	A	4/15/2023	4/15/2023	6	30
Stage 33 - (6,4,4,4,4,4,4)							
5,304.00	5,478.00	Paddock	A	4/15/2023	4/15/2023	6	32
Stage 32 - (6,4,6,4,4,4,4)							
5,504.00	5,684.00	Paddock	A	4/14/2023	4/14/2023	6	32
Stage 31 - (6,4,6,4,4,4,4)							
5,710.00	5,884.00	Paddock	A	4/14/2023	4/14/2023	6	34
Stage 30 - (6,4,6,4,6,4,4)							
5,913.00	6,087.00	Paddock	A	4/13/2023	4/13/2023	6	34
Stage 29 - (6,4,6,4,6,4,4)							
6,116.00	6,286.00	Paddock	A	4/13/2023	4/13/2023	6	34
Stage 28 - (6,4,6,4,6,4,4)							
6,319.00	6,493.00	Paddock	A	4/13/2023	4/13/2023	6	34
Stage 27 - (6,4,6,4,6,4,4)							
6,526.00	6,696.00	Paddock	A	4/13/2023	4/13/2023	6	34
Stage 26 - (6,4,6,4,6,4,4)							
6,725.00	6,895.00	Paddock	A	4/12/2023	4/12/2023	6	34
Stage 25 - (6,4,6,4,6,4,4)							
6,928.00	7,102.00	Paddock	A	4/12/2023	4/12/2023	6	34
Stage 24 - (6,4,6,4,6,4,4)							
7,131.00	7,305.00	Paddock	A	4/12/2023	4/12/2023	6	34
Stage 23 - (6,4,6,4,6,4,4)							
7,334.00	7,505.00	Paddock	A	4/11/2023	4/11/2023	6	34
Stage 22 - (6,4,6,4,6,4,4)							
7,537.00	7,711.00	Paddock	A	4/11/2023	4/11/2023	6	34
Stage 21 - (6,4,6,4,6,4,4)							
7,740.00	7,914.00	Paddock	A	4/11/2023	4/11/2023	6	34
Stage 20 - (6,4,6,4,6,4,4)							
7,943.00	8,117.00	Paddock	A	4/10/2023	4/10/2023	6	34
Stage 19 - (6,4,6,4,6,4,4)							
8,142.00	8,320.00	Paddock	A	4/10/2023	4/10/2023	6	34
Stage 18 - (6,4,6,4,6,4,4)							
8,349.00	8,519.00	Paddock	A	4/10/2023	4/10/2023	6	36
Stage 17 - (6,6,6,6,4,4,4)							
8,552.00	8,726.00	Paddock	A	4/9/2023	4/9/2023	6	36
Stage 16 - (6,6,6,6,4,4,4)							
8,755.00	8,929.00	Paddock	A	4/9/2023	4/9/2023	6	36
Stage 15 - (6,6,6,6,4,4,4)							

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
8,958.00	9,132.00	Paddock	A	4/8/2023	4/8/2023	6	36
Stage 14 - (6,6,6,6,4,4,4)							
9,161.00	9,335.00	Paddock	A	4/8/2023	4/8/2023	6	36
Stage 13 - (6,6,6,6,4,4,4)							
9,364.00	9,538.00	Paddock	A	4/8/2023	4/8/2023	6	38
Stage 12 - (6,6,6,6,4,6,4)							
9,567.00	9,741.00	Paddock	A	4/7/2023	4/7/2023	6	38
Stage 11 - (6,6,6,6,4,6,4)							
9,770.00	9,944.00	Paddock	A	4/7/2023	4/7/2023	6	38
Stage 10 - (6,6,6,6,4,6,4)							
9,973.00	10,147.00	Paddock	A	4/7/2023	4/7/2023	6	28
Stage 9 - (4,4,4,4,4,4,4)							
10,176.00	10,350.00	Paddock	A	4/6/2023	4/6/2023	6	36
Stage 8 - (6,6,6,6,4,4,4)							
10,379.00	10,553.00	Paddock	A	4/6/2023	4/6/2023	4	32
Stage 7 - (6,4,6,4,4,4,4)							
10,582.00	10,756.00	Paddock	A	4/5/2023	4/5/2023	6	32
Stage 6 - (6,4,6,4,4,4,4)							
10,785.00	10,959.00	Paddock	A	4/5/2023	4/5/2023	6	34
Stage 5 - (6,4,6,4,6,4,4)							
10,988.00	11,160.00	Paddock	A	4/4/2023	4/4/2023	6	34
Stage 4 - (6,4,6,4,6,4,4)							
11,250.00	11,426.00	Paddock	A	4/4/2023	4/4/2023	6	36
Stage 3 - (6,4,6,4,6,4,6)							
11,455.00	11,629.00	Paddock	A	4/3/2023	4/3/2023	6	36
Stage 2 - (6,4,6,4,6,4,6)							
11,658.00	11,832.00	Paddock	A	4/3/2023	4/3/2023	6	42
Stage 1 - (6,6,6,6,6,6,6)							
11,852.00	11,858.00	Paddock	TA	3/5/2023		6	36
TOE PREP PERFS, TCP ON 2-7/8" WORKSTRING.							

Tubing

Date Ran: 5/6/2023

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	112	2.8750	6.50	L80	3,582.90	26.50	3,609.40
Band 3 per jt. First JNT above pump every 3'. Jts ,3/8" cap ran in well.							
ESP Pump	1	4.0000			0.60	3,609.40	3,610.00
Discharge Pump							
ESP Pump	1	4.0000			23.50	3,610.00	3,633.50
E3000, 96 Stages							
ESP Pump	1	4.0000			23.50	3,633.50	3,657.00
E3000, 96 Stages							
ESP Pump	1	4.0000			13.00	3,657.00	3,670.00
G42, 41 Stages							
ESP Intake	1	4.0000			8.70	3,670.00	3,678.70
Double gas sep/intakes: MODEL 400							
ESP Seal	2	4.0000			12.20	3,678.70	3,690.90
Double seals							

ESP Motor	1	4.5000			35.20	3,690.90	3,726.10
NEW, 286 HP . 450 MODEL							
ESP Sensor	1	4.0000			2.70	3,726.10	3,728.80
NEW, Zenith E7							
Tubing Sub	1	2.3750			2.00	3,728.80	3,730.80
Band cap string to sub							

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 241651

ACKNOWLEDGMENTS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 241651
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Action 241651

CONDITIONS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 241651
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/3/2023