

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 – 015-49776	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 003H

II. ¹⁰ Surface Location

Ul or lot no. L	Section 20	Township 17S	Range 28E	Lot Idn	Feet from the 1834	North/South Line South	Feet from the 747	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. KJ	Section 24	Township 17S	Range 27E	Lot Idn	Feet from the 1400	North/South line South	Feet from the 2605	East/West line West 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

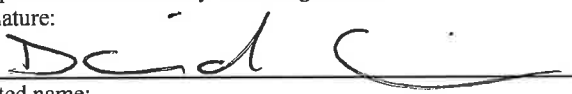
III. Oil and Gas Transporters

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 12/31/2022	²² Ready Date 4/28/2023	²³ TD 3516'V/12050'M	²⁴ PBSD 3517'V/11956'M	²⁵ Perforations 11,923'-4,161'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12-1/4"		9-5/8"	1342'		530
8-3/4"		7"	4085'		1945
8-3/4"		5-1/2"	12045'		1945

V. Well Test Data

³¹ Date New Oil 6/18/2023	³² Gas Delivery Date 5/14/2023	³³ Test Date 7/17/2023	³⁴ Test Length 24	³⁵ Tbg. Pressure 250	³⁶ Csg. Pressure 79
³⁷ Choke Size N/A	³⁸ Oil 35	³⁹ Water 3814	⁴⁰ Gas 39		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 003H Tight Hole Status 30-015-49776

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 30-015-49776	² Pool Code 96836	³ Pool Name RED LAKE; GLORIETA-YESO, NORTHEAST
⁴ Property Code 333089	⁵ Property Name BONZO STATE COM 1924 CDX	
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP	⁶ Well Number 003H
		⁹ Elevation 3599.9

¹⁰ Surface Location

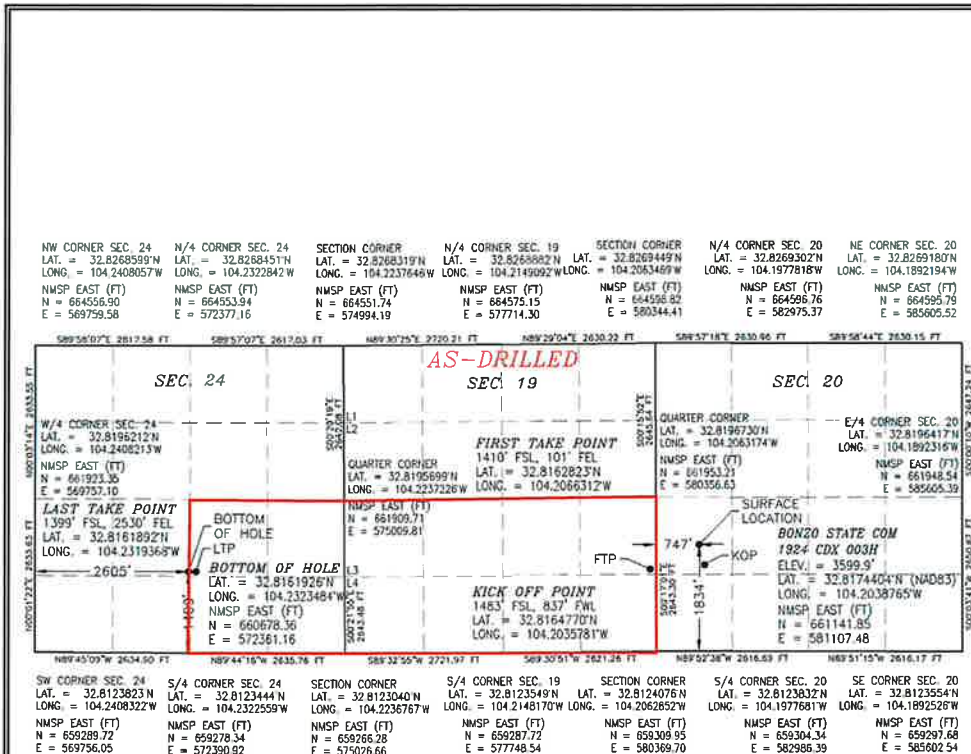
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	17 S	28 E		1834	SOUTH	747	WEST	EDDY

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
K J	24	17 S	27 E		1400	SOUTH	2605	WEST East	EDDY

¹² Dedicated Acres 486.05	¹³ Joint or Infill	¹⁴ Consolidation Code C	¹⁵ Order No.
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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.

Signature: *David Cain* Date: **1-26-2023**

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

Signature and Seal of Professional Surveyor:

Certificate Number: **12797**
Professional Surveyor No. 8717B

Intent ☐ As Drilled ☒

API # 30-015-49776		
Operator Name: LONGFELLOW ENERGY, LP	Property Name: BONZO STATE COM 1924 CDX	Well Number 003H

Kick Off Point (KOP)

UL L	Section 20	Township 17S	Range 28E	Lot	Feet 1483	From N/S SOUTH	Feet 837	From E/W WEST	County EDDY
Latitude 32.8164770					Longitude 104.2035781			NAD 83	

First Take Point (FTP)

UL I	Section 19	Township 17S	Range 28E	Lot	Feet 1410	From N/S SOUTH	Feet 101	From E/W EAST	County EDDY
Latitude 32.8162823					Longitude 104.2066312			NAD 83	

Last Take Point (LTP)

UL J	Section 24	Township 17S	Range 27E	Lot	Feet 1399	From N/S SOUTH	Feet 2530	From E/W EAST	County EDDY
Latitude 32.8161892					Longitude 104.2319368			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ YesIs 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 340869 WELL API NUMBER 30-015-49776 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 003H																								
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>1834</u> feet from the <u>S</u> line and feet <u>747</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" style="text-align: center;">NOTICE OF INTENTION TO:</td> <td colspan="2" style="text-align: center;">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> ☒					
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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 1400 S 2605 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>11923</td> <td>4161</td> <td>N</td> <td>4</td> <td>0.42</td> <td>Sand/Water</td> <td>Frac</td> <td>9213880</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>3708</td> <td>0</td> </tr> </table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	11923	4161	N	4	0.42	Sand/Water	Frac	9213880	Tubing Size	Type	Depth Set	Packer Set	2.875	L80	3708	0
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount																			
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Tubing Size	Type	Depth Set	Packer Set																							
2.875	L80	3708	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 ☐ .																										
<table style="width:100%;"> <tr> <td>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>Engineering Technologist</u></td> <td>DATE</td> <td><u>5/19/2023</u></td> </tr> <tr> <td>Type or print name</td> <td><u>David Cain</u></td> <td>E-mail address</td> <td><u>david.cain@longfellowenergy.com</u></td> <td>Telephone No.</td> <td><u>214-265-4715</u></td> </tr> </table>			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>												
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For State Use Only: <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Sarah K McGrath</u></td> <td>TITLE</td> <td><u>Petroleum Specialist - A</u></td> <td>DATE</td> <td><u>6/14/2023 3:12:47 PM</u></td> </tr> </table>			APPROVED BY:	<u>Sarah K McGrath</u>	TITLE	<u>Petroleum Specialist - A</u>	DATE	<u>6/14/2023 3:12:47 PM</u>																		
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Bonzo State Com 1924CDX 003H Tubing & Perf Sundries

003H

RUPU 3/24/2023. Pressure test csg to 7000# for 30 min. Good test. RIH & Perf from 11923-11747, 11718-11542, 11513-11337, 11237-11063, 11034-10860, 10831-10657, 10628-10454, 10425-10251, 10222-10047, 10019-9845, 9816-9642, 9614-9439, 9410-9236, 9205-9033, 9003-8831, 8801-8627, 8598-8424, 8395-8221, 8182-8018, 7989-7815, 7786-7612, 7583-7409, 7380-7206, 7179-7003, 6974-6800, 6771-6597, 6566-6394, 6365-6191, 6162-5988, 5959-5785, 5756-5584, 5553-5379, 5350-5173, 5147-4973, 4944-4774, 4741-4567, 4538-4367, 4335-4161. Frac in 38 stages w/ 582624bbbls slickwater and 9213880# sand. 4/9/2023 rig down and cleanout. RIH w/ 2-7/8 tbg @ 3708'. 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					
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			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							6. Well Number: 003H			
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		1834	South	747	West	Eddy
BH:	K J	24	17 S	27 E		1400	South	2605	West East	Eddy
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released		16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.)		
12/31/2022	1/8/2023		1/11/2023		4/28/2023			3600		
18. Total Measured Depth of Well			19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run			
12050'			11956'		Yes		Mudlog			
22. Producing Interval(s), of this completion - Top, Bottom, Name 4161'-11923' 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#		1342'		12-1/4"		530 sxs. cmt to surf		0
7"		32#		4085'		8-3/4"		1945 sxs.		0
5-1/2"		20#		12045'		8-3/4"		1945 sxs.		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2-7/8"	3708'				
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
11923-11747, 11718-11542, 11513-11337, 11237-11063, 11034-10860, 10831-10657, 10628-10454, 10425-10251, 10222-10047, 10019-9845, 9816-9642, 9614-9439, 9410-9236, 9205-9033, 9003-8831, 8801-8627, 8598-8424, 8395-8221, 8182-8018, 7989-7815, 7786-7612, 7583-7409, 7380-7206, 7179-7003, 6974-6800, 6771-6597, 6566-6394, 6365-6191, 6162-5988, 5959-5785, 5756-5584, 5553-5379, 5350-5173, 5147-4973, 4944-4774, 4741-4567, 4538-4367, 4335-4161.						DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4161'-11923' Frac is 38 stages w/ 582624bbls slickwater and 9213880# sand				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
5/14/2023		Electric Submersible Pump				Prod				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
7/17/2023	24	NA		35	39	3814				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
250	79		35	39	3814					
29. Disposition of Gas (Sold, used for fuel, vented, etc.)							30. Test Witnessed By			
Sold							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			Title			Date	
			David Cain			Regulatory Analyst			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 1595'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1939'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3393'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 3434'	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.....

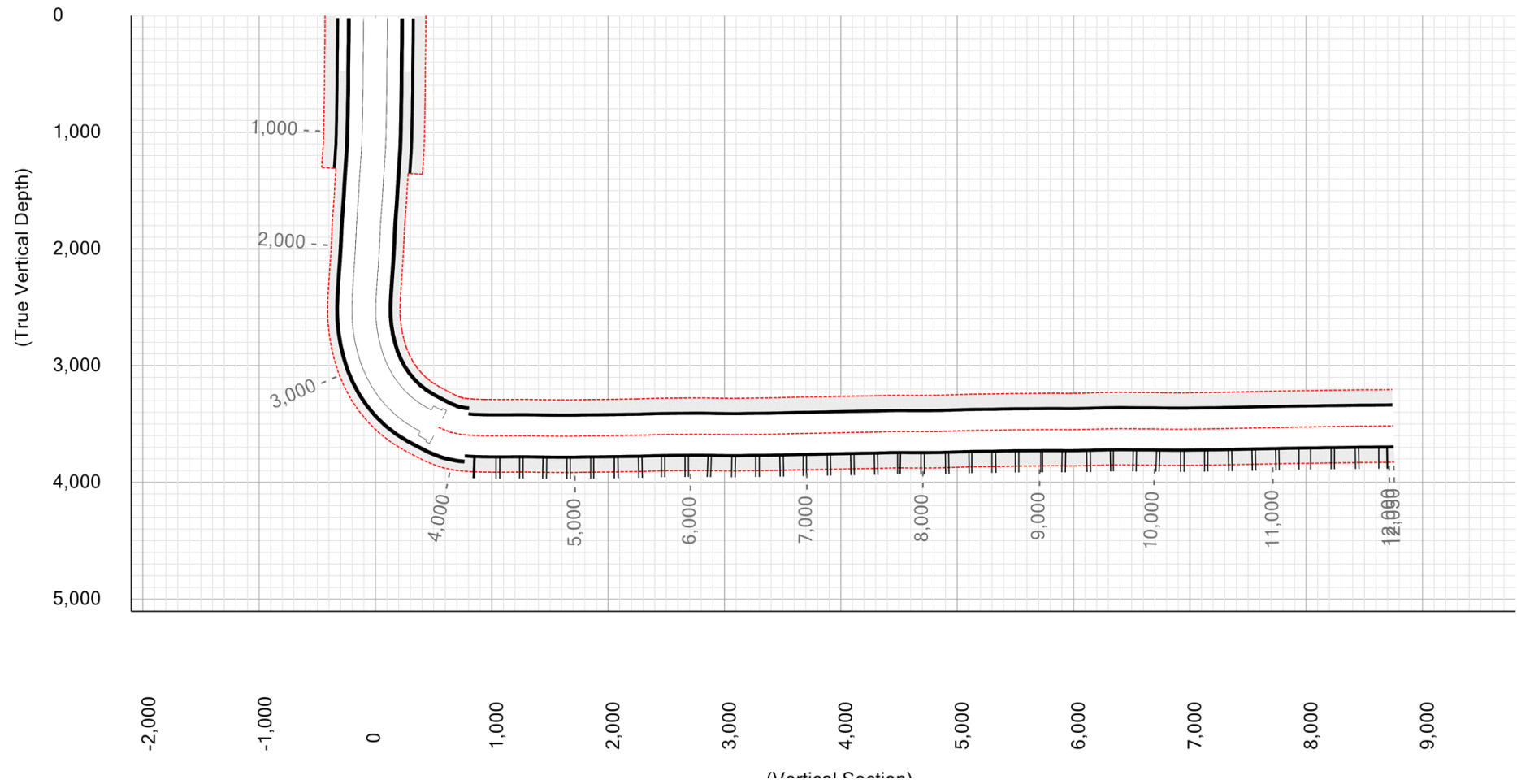
No. 4, from.....to.....

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.....

From	To	Thickness In Feet	Lithology

Bonzo State Com 1924 CDX # 3H, 5/18/2023



Bonzo State Com 1924 CDX # 3H API # 30-015-49776			
1834' FSL & 747' FWL	GL Elev: 3,599.00	KOP:	2,567
Section 20, Township 17S, Range 28E		EOC:	4,131
County, State: Eddy, NM		Fill Depth:	
Aux ID:		PBTD:	11,997.00
'KB' correction: 26.5; All Depths Corr To: KB		TD:	12,045.00
		BOP:	7 1/16" 10M

Hole Size

Diameter	Top At	Btm At	Date Drilled
12.2500	0.00	1,342.00	12/31/2022
8.7500	1,342.00	12,050.00	1/9/2023

Surface Casing

Date Ran: 12/31/2022

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	32	9.6250	36.00	J55	1,315.50	26.50	1,342.00

Production Casing

Date Ran: 1/9/2023

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	65	7.0000	32.00	L80	2,575.76	26.50	2,602.26
Bow spring every 3rd jt							
Marker Jt	1	7.0000	32.00	L80	18.31	2,602.26	2,620.57
Casing	37	7.0000	32.00	L80	1,462.69	2,620.57	4,083.26
Bow spring every 3rd jt							
Crossover	1	5.5000	20.00	L80	2.20	4,083.26	4,085.46
Casing	7	5.5000	20.00	L80	311.46	4,085.46	4,396.92
Solid body every 2nd jt							
Float Insert	1	5.5000	20.00	L80	2.12	4,396.92	4,399.04
Casing	55	5.5000	20.00	L80	2,455.43	4,399.04	6,854.47
Solid body every 2nd jt							
Marker Jt	1	5.5000	20.00	L80	22.60	6,854.47	6,877.07
Casing	51	5.5000	20.00	L80	2,271.38	6,877.07	9,148.45
Solid body every 2nd jt							
Marker Jt	1	5.5000	20.00	L80	22.40	9,148.45	9,170.85
Casing	59	5.5000	20.00	L80	2,625.93	9,170.85	11,796.78
Solid body every 2nd jt							
Marker Jt	1	5.5000	20.00	L80	20.61	11,796.78	11,817.39
Casing	4	5.5000	20.00	L80	179.50	11,817.39	11,996.89
Solid body every jt							
Float Collar	1	5.5000	20.00	L80	1.25	11,996.89	11,998.14
Casing	1	5.5000	20.00	L80	44.82	11,998.14	12,042.96
Solid body centralizer							
Float Shoe	1	5.5000	20.00	L80	2.04	12,042.96	12,045.00

Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	1,342.00	9.625	12.250	Circ	1 - Lead	400	C	13.50
					2 - Tail	130	C	14.80
Circ 30 bbls or 91 sx to surf								
4,083.00	12,050.00	5.500	8.750	Circ				

Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
					1 - Lead	350	25/75 Poz	12.20
					2 - Tail	1595	C	14.50

No cement or dye spacer back. Ran CBL - good bond from TOC to Heel

Zone and Perfs**Comments / Completion Summary**

2-19-23, INTEGRITY WL RAN A GAMMA CBL/CCL TO 3900' LOG UP, GOOD CEMENT FROM CURVE TO TOC @ 480'.

On 2/21/23 tagged XO at 4079' (deeper than most XOs). Need to pay attention to it.

Stg	Top	Btm	AIR	AIP	MIR	MIP	ISIP
1	11747	11923	104	6953	108	7075	1784
2	11542	11718	98	6488	109	7299	1745
3	11337	11513	114	6929	117	7212	1647
4	11063	11237	115	6915	121	7257	1465
5	10860	11034	129	6902	134	7349	1370
6	10657	10831	126	6975	134	7209	1329
7	10454	10628	132	6868	137	7150	1408
8	10251	10425	132	6830	136	7231	1339
9	10047	10222	122	6940	129	7295	1503
10	9845	10019	121	6746	122	7324	1425
11	9642	9816	122	6952	135	7144	1706
12	9439	9614	132	6724	135	7328	1675
13	9236	9410	133	6771	135	7249	1617
14	9033	9205	133	6698	136	7104	1626
15	8831	9003	135	6638	136	7158	1580
16	8627	8801	133	6779	136	7119	1551
17	8424	8598	134	6660	135	7105	1675
18	8221	8395	135	5678	136	6673	1704
19	8018	8182	135	5985	136	6581	1470
20	7815	7989	136	5838	137	6613	1593
21	7612	7786	135	6579	136	7226	1563
22	7409	7583	132	6529	135	7244	1731
23	7206	7380	135	6766	138	7118	1580
24	7003	7179	133	6625	136	7335	1632
25	6800	6974	136	6924	138	6946	1764
26	6597	6771	134	6540	135	7085	1879
27	6394	6566	135	6582	137	6947	1665
28	6191	6365	134	6398	137	7104	1695
29	5988	6162	135	6385	136	7102	1680
30	5785	5959	129	6188	137	6931	1710
31	5584	5756	135	6438	136	6890	1719
32	5379	5553	135	6200	136	6486	2138
33	5173	5350	134	6434	136	6760	1770
34	4973	5147	136	6577	139	7027	2113
35	4774	4944	135	6563	136	6959	2188
36	4567	4741	135	4472	138	6328	2139

37	4367	4538	135	5918	135	6413	1736
38	4161	4335	114	5026	138	6719	2007

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
4,150.00	4,151.00	Paddock	A	4/17/2023	4/18/2023	6	6
<i>Perf Test Holes</i>							
4,161.00	4,335.00	Paddock	A	4/17/2023	4/17/2023	4	28
<i>Stage 38 - (4,4,4,4,4,4,4)</i>							
4,367.00	4,538.00	Paddock	A	4/16/2023	4/17/2023	4	28
<i>Stage 37 - (4,4,4,4,4,4,4)</i>							
4,567.00	4,741.00	Paddock	A	4/16/2023	4/16/2023	4	28
<i>Stage 36 - (4,4,4,4,4,4,4)</i>							
4,774.00	4,944.00	Paddock	A	4/16/2023	4/16/2023	4	28
<i>Stage 35 - (4,4,4,4,4,4,4)</i>							
4,973.00	5,147.00	Paddock	A	4/15/2023	4/15/2023	6	32
<i>Stage 34 - (6,4,6,4,4,4,4)</i>							
5,173.00	5,350.00	Paddock	A	4/15/2023	4/15/2023	6	32
<i>Stage 33 - (6,4,6,4,4,4,4)</i>							
5,379.00	5,553.00	Paddock	A	4/15/2023	4/15/2023	6	32
<i>Stage 32 - (6,4,6,4,4,4,4)</i>							
5,584.00	5,756.00	Paddock	A	4/14/2023	4/14/2023	6	32
<i>Stage 31 - (6,4,6,4,4,4,4)</i>							
5,785.00	5,959.00	Paddock	A	4/14/2023	4/14/2023	6	34
<i>Stage 30 - (6,4,6,4,6,4,4)</i>							
5,988.00	6,162.00	Paddock	A	4/14/2023	4/14/2023	6	34
<i>Stage 29 - (6,4,6,4,6,4,4)</i>							
6,191.00	6,365.00	Paddock	A	4/13/2023	4/13/2023	6	34
<i>Stage 28 - (6,4,6,4,6,4,4)</i>							
6,394.00	6,566.00	Paddock	A	4/13/2023	4/13/2023	6	34
<i>Stage 27 - (6,4,6,4,6,4,4)</i>							
6,597.00	6,771.00	Paddock	A	4/13/2023	4/13/2023	6	34
<i>Stage 26 - (6,4,6,4,6,4,4)</i>							
6,800.00	6,974.00	Paddock	A	4/12/2023	4/13/2023	6	34
<i>Stage 25 - (6,4,6,4,6,4,4)</i>							
7,003.00	7,179.00	Paddock	A	4/12/2023	4/12/2023	6	34
<i>Stage 24 - (6,4,6,4,6,4,4)</i>							
7,206.00	7,380.00	Paddock	A	4/12/2023	4/12/2023	6	34
<i>Stage 23 - (6,4,6,4,6,4,4)</i>							
7,409.00	7,583.00	Paddock	A	4/12/2023	4/12/2023	6	34
<i>Stage 22 - (6,4,6,4,6,4,4)</i>							
7,612.00	7,786.00	Paddock	A	4/11/2023	4/11/2023	6	34
<i>Stage 21 - (6,4,6,4,6,4,4)</i>							
7,815.00	7,989.00	Paddock	A	4/11/2023	4/11/2023	6	34
<i>Stage 20 - (6,4,6,4,6,4,4)</i>							
8,018.00	8,192.00	Paddock	A	4/10/2023	4/11/2023	6	36
<i>Stage 19 - (6,4,6,4,6,4,4)</i>							
8,221.00	8,395.00	Paddock	A	4/10/2023	4/10/2023	6	36
<i>Stage 18 - (6,4,6,4,6,4,4)</i>							
8,424.00	8,598.00	Paddock	A	4/10/2023	4/10/2023	6	36
<i>Stage 17 - (6,6,6,6,4,4,4)</i>							

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
8,627.00	8,801.00	Paddock	A	4/9/2023	4/10/2023	6	36
<i>Stage 16 - (6,6,6,6,4,4,4)</i>							
8,831.00	9,018.00	Paddock	A	4/9/2023	4/9/2023	6	36
<i>Stage 15 - (6,6,6,6,4,4,4)</i>							
9,033.00	9,205.00	Paddock	A	4/9/2023	4/9/2023	6	36
<i>Stage 14 - (6,6,6,6,4,4,4)</i>							
9,236.00	9,410.00	Paddock	A	4/8/2023	4/8/2023	6	36
<i>Stage 13 - (6,6,6,6,4,4,4)</i>							
9,439.00	9,614.00	Paddock	A	4/8/2023	4/8/2023	6	38
<i>Stage 12 - (6,6,6,6,4,6,4)</i>							
9,642.00	9,816.00	Paddock	A	4/8/2023	4/8/2023	6	38
<i>Stage 11 - (6,6,6,6,4,6,4)</i>							
9,845.00	10,019.00	Paddock	A	4/7/2023	4/7/2023	4	38
<i>Stage 10 - (6,6,6,6,4,6,4)</i>							
10,047.00	10,222.00	Paddock	A	4/7/2023	4/7/2023	4	28
<i>Stage 9 - (4,4,4,4,4,4,4)</i>							
10,251.00	10,425.00	Paddock	A	4/6/2023	4/7/2023	6	36
<i>Stage 8 - (6,6,6,6,4,4,4)</i>							
10,454.00	10,628.00	Paddock	A	4/6/2023	4/6/2023	6	32
<i>Stage 7 - (6,4,6,4,4,4,4)</i>							
10,657.00	10,831.00	Paddock	A	4/6/2023	4/6/2023	6	32
<i>Stage 6 - (6,4,6,4,4,4,4)</i>							
10,860.00	11,034.00	Paddock	A	4/5/2023	4/5/2023	6	34
<i>Stage 5 - (6,4,6,4,6,4,4)</i>							
11,063.00	11,237.00	Paddock	A	4/5/2023	4/5/2023	6	34
<i>Stage 4 - (6,4,6,4,6,4,4)</i>							
11,337.00	11,513.00	Paddock	A	4/4/2023	4/4/2023	6	36
<i>Stage 3 - (6,4,6,4,6,4,6)</i>							
11,542.00	11,718.00	Paddock	A	4/4/2023	4/4/2023	6	36
<i>Stage 2 - (6,4,6,4,6,4,6)</i>							
11,747.00	11,923.00	Paddock	A	4/3/2023	4/3/2023	6	42
<i>Stage 1 - (6,6,6,6,6,6,6)</i>							
11,988.00	11,994.00	Paddock	TA	2/24/2023		6	36
<i>TOE PREP PERFS, 2-24-23 TCP ON 2-7/8" WORKSTRING, TOP TO BTM 11,988' - 11,994'.</i>							

Tubing

Date Ran: 5/7/2023

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	78	2.8750	6.50	L80	2,469.83	26.50	2,496.33
<i>Band 3 per jt. First JNT above pump every 3'. Jts ,3/8" cap ran in well.</i>							
Tubing Sub	1	2.8750			10.00	2,496.33	2,506.33
Tubing	38	2.8750			1,201.02	2,506.33	3,707.35
ESP Pump	1	4.0000			0.53	3,707.35	3,707.88
<i>Discharge Pump</i>							
ESP Pump	1	4.0000			23.50	3,707.88	3,731.38
<i>E3000, 96 Stages</i>							
ESP Pump	1	4.0000			23.50	3,731.38	3,754.88
<i>E3000, 96 Stages</i>							

ESP Pump	1	4.0000			13.00	3,754.88	3,767.88
G42, 41 Stages							
ESP Intake	1	4.0000			8.70	3,767.88	3,776.58
Double gas sep/intakes: MODEL 400							
ESP Seal	2	4.0000			12.20	3,776.58	3,788.78
Double seals							
ESP Motor	1	4.5000			34.90	3,788.78	3,823.68
NEW, 286 HP . 450 MODEL							
ESP Sensor	1	4.0000			2.60	3,823.68	3,826.28
NEW, Zenith E7							
Tubing Sub	1	2.3750			2.00	3,826.28	3,828.28
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 241727

ACKNOWLEDGMENTS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 241727
	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.

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CONDITIONS

Action 241727

CONDITIONS

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	Action Number: 241727
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

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