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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

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

Form C-104
Revised August 1, 2011
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 RT 11/2021
⁴ API Number 30 – 015-48309	⁵ Pool Name Empire; Glorieta - Yeso	
		⁶ Pool Code 96210
⁷ Property Code 330802	⁸ Property Name Ozzy Federal Com 18C	⁹ Well Number 001H

II. ¹⁰ Surface Location

UL or lot no. I	Section 13	Township 17S	Range 28E	Lot Idn	Feet from the 1640	North/South Line South	Feet from the 765	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. I	Section 18	Township 17S	Range 29E	Lot Idn	Feet from the 2298	North/South line South	Feet from the 22	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/23/2021	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

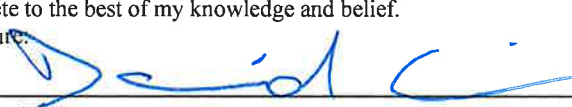
III. Oil and Gas Transporters

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 9/8/2021	²² Ready Date 12/3/2021	²³ TD 4211'V/9267'M	²⁴ PBTD 4211'V/9204'M	²⁵ Perforations 5,288'-9,200'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement	
17-1/2"		13-3/8"	352'	685	
12-1/4"		9-5/8"	1264'	610	
8-3/4"		7"	4331'	1750	
8-3/4		5-1/2"	9204'		
		2-7/8"			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
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: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Analyst			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: David.cain@longfellowenergy.com			Approval Date: <i>12/10/2021</i>		
Date: 12/3/2021		Phone: (972) 590-9900			

Received by OCD: 12/3/2021 10:46:42 AM

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-48309	² Pool Code 96210	³ Pool Name Empire; Glorieta-Yeso
⁴ Property Code 330802	⁵ Property Name OZZY FEDERAL COM 18C	⁶ Well Number 001H
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP	⁹ Elevation 3698.9

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
I	13	17 S	28 E		1640	SOUTH	765	EAST	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
I	18	17 S	29 E		2298	SOUTH	22	EAST	EDDY

¹² Dedicated Acres 146.92	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. <i>David Cain</i> 11/23/2021 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. SEPTEMBER 7, 2021 Date of Survey <i>William F. Jaramila</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 8389B	
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Intent ☐ As Drilled ☒

API # 30-015-48309		
Operator Name: LONGFELLOW ENERGY, LP	Property Name: OZZY FEDERAL COM 18C	Well Number 001H

Kick Off Point (KOP)

UL I	Section 13	Township 17S	Range 28E	Lot	Feet 1829	From N/S SOUTH	Feet 810	From E/W EAST	County EDDY
Latitude 32.8336056					Longitude 104.1240272			NAD 83	

First Take Point (FTP)

UL I	Section 18	Township 17S	Range 29E	Lot 3	Feet 2312	From N/S SOUTH	Feet 701	From E/W WEST	County EDDY
Latitude 32.8336956					Longitude 104.1191094			NAD 83	

Last Take Point (LTP)

UL I	Section 18	Township 17S	Range 29E	Lot	Feet 2301	From N/S SOUTH	Feet 100	From E/W EAST	County EDDY
Latitude 32.8336393					Longitude 104.1059404			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



Longfellow Energy

Eddy Co., NM (Nad-83)

OZZY FED COM 18C

001H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

20 September, 2021





Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 001H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB= 17' @ 3715.90usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB= 17' @ 3715.90usft (AKITA 524)
Well:	001H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Project	Eddy Co., NM (Nad-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site						OZZY FED COM 18C											
Site Position:						Northing:			666,873.72 usft			Latitude:			32.833087		
From:			Map			Easting:			605,670.34 usft			Longitude:			-104.123885		
Position Uncertainty:			0.00 usft			Slot Radius:			13.200 in			Grid Convergence:			0.114 °		

Well	001H					
Well Position	+N/-S	0.00 usft	Northing:	666,873.72 usft	Latitude:	32.833087
	+E/-W	0.00 usft	Easting:	605,670.34 usft	Longitude:	-104.123885
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,698.90 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	9/7/2021	7.153	60.462	47,726.30000000

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	89.86	

Survey Program	Date	9/20/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	9,267.00	Survey #1 (Wellbore #1)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
193.00	0.62	61.13	193.00	0.50	0.91	0.92	0.32	0.32	0.00	
282.00	0.61	21.72	281.99	1.18	1.51	1.51	0.47	-0.01	-44.28	
400.00	5.96	50.05	399.76	5.70	6.44	6.46	4.60	4.53	24.01	
490.00	6.75	44.49	489.20	12.47	13.73	13.76	1.11	0.88	-6.18	
579.00	7.37	36.22	577.53	20.81	20.77	20.82	1.34	0.70	-9.29	
670.00	7.91	27.27	667.73	31.08	27.09	27.17	1.43	0.59	-9.84	
761.00	8.86	12.68	757.76	43.49	31.50	31.60	2.55	1.04	-16.03	
849.00	9.74	352.92	844.63	57.49	32.07	32.21	3.74	1.00	-22.45	
939.00	8.80	341.46	933.46	71.57	28.94	29.11	2.30	-1.04	-12.73	



Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 001H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB= 17' @ 3715.90usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB= 17' @ 3715.90usft (AKITA 524)
Well:	001H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
1,030.00	6.96	327.44	1,023.60	82.82	23.76	23.96	2.91	-2.02	-15.41	
1,115.00	4.99	314.63	1,108.14	89.76	18.36	18.57	2.78	-2.32	-15.07	
1,202.00	3.20	313.27	1,194.92	94.08	13.89	14.12	2.06	-2.06	-1.56	
1,295.00	2.87	311.67	1,287.79	97.41	10.26	10.50	0.37	-0.35	-1.72	
1,382.00	3.73	311.25	1,374.64	100.72	6.51	6.76	0.99	0.99	-0.48	
1,469.00	3.70	311.07	1,461.46	104.43	2.27	2.52	0.04	-0.03	-0.21	
1,555.00	3.50	312.61	1,547.29	108.03	-1.76	-1.49	0.26	-0.23	1.79	
1,640.00	3.31	313.46	1,632.14	111.48	-5.45	-5.18	0.23	-0.22	1.00	
1,728.00	3.13	315.65	1,720.00	114.94	-8.97	-8.69	0.25	-0.20	2.49	
1,813.00	2.92	314.53	1,804.88	118.12	-12.14	-11.85	0.26	-0.25	-1.32	
1,898.00	3.61	313.64	1,889.74	121.49	-15.62	-15.32	0.81	0.81	-1.05	
1,989.00	4.03	311.97	1,980.54	125.60	-20.07	-19.76	0.48	0.46	-1.84	
2,076.00	3.81	308.50	2,067.34	129.45	-24.60	-24.29	0.37	-0.25	-3.99	
2,166.00	3.56	308.84	2,157.15	133.06	-29.12	-28.79	0.28	-0.28	0.38	
2,255.00	3.51	309.01	2,245.98	136.51	-33.39	-33.06	0.06	-0.06	0.19	
2,342.00	3.39	306.42	2,332.82	139.71	-37.53	-37.19	0.23	-0.14	-2.98	
2,431.00	3.24	308.03	2,421.67	142.82	-41.63	-41.28	0.20	-0.17	1.81	
2,520.00	3.44	318.75	2,510.52	146.38	-45.37	-45.01	0.74	0.22	12.04	
2,609.00	4.01	327.72	2,599.34	151.02	-48.79	-48.42	0.91	0.64	10.08	
2,697.00	4.12	339.83	2,687.12	156.59	-51.52	-51.14	0.98	0.12	13.76	
2,785.00	3.99	345.80	2,774.90	162.52	-53.37	-52.97	0.50	-0.15	6.78	
2,874.00	3.75	341.91	2,863.69	168.29	-55.03	-54.62	0.40	-0.27	-4.37	
2,918.00	4.15	358.25	2,907.59	171.25	-55.52	-55.11	2.70	0.91	37.14	
2,961.00	5.85	16.94	2,950.43	174.90	-54.93	-54.51	5.43	3.95	43.47	
3,003.00	7.19	27.43	2,992.16	179.28	-53.10	-52.66	4.26	3.19	24.98	
3,048.00	8.76	42.72	3,036.73	184.30	-49.48	-49.03	5.84	3.49	33.98	
3,090.00	10.04	56.30	3,078.17	188.68	-44.26	-43.80	6.08	3.05	32.33	
3,135.00	11.70	66.60	3,122.36	192.67	-36.81	-36.34	5.66	3.69	22.89	
3,223.00	15.39	83.86	3,207.93	197.47	-16.99	-16.51	6.18	4.19	19.61	
3,310.00	18.75	89.53	3,291.09	198.82	8.48	8.96	4.31	3.86	6.52	
3,399.00	23.16	85.91	3,374.19	200.18	40.25	40.74	5.16	4.96	-4.07	
3,486.00	27.10	83.79	3,452.94	203.55	77.03	77.53	4.64	4.53	-2.44	
3,574.00	30.61	82.31	3,530.01	208.72	119.18	119.69	4.07	3.99	-1.68	
3,661.00	34.41	82.25	3,603.36	215.00	165.50	166.03	4.37	4.37	-0.07	
3,748.00	38.05	82.58	3,673.53	221.78	216.46	217.00	4.19	4.18	0.38	
3,834.00	42.76	83.34	3,739.00	228.59	271.77	272.33	5.51	5.48	0.88	
3,922.00	46.93	83.95	3,801.38	235.45	333.44	334.01	4.76	4.74	0.69	
4,009.00	50.33	86.24	3,858.87	240.99	398.47	399.06	4.38	3.91	2.63	
4,094.00	54.91	88.24	3,910.46	244.21	465.91	466.51	5.70	5.39	2.35	
4,180.00	58.60	88.45	3,957.60	246.28	537.80	538.40	4.30	4.29	0.24	
4,308.00	62.23	88.70	4,020.79	249.05	649.06	649.66	2.84	2.84	0.20	
4,354.00	67.49	88.70	4,040.32	249.99	690.67	691.28	11.43	11.43	0.00	
4,441.00	76.75	89.86	4,067.01	251.01	773.37	773.98	10.72	10.64	1.33	
4,527.00	81.56	91.01	4,083.18	250.36	857.81	858.42	5.75	5.59	1.34	



Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 001H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB= 17' @ 3715.90usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB= 17' @ 3715.90usft (AKITA 524)
Well:	001H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,614.00	86.84	91.04	4,091.97	248.81	944.32	944.92	6.07	6.07	0.03
4,703.00	88.24	91.86	4,095.79	246.56	1,033.20	1,033.80	1.82	1.57	0.92
4,790.00	90.30	92.02	4,096.90	243.62	1,120.14	1,120.73	2.37	2.37	0.18
4,876.00	90.25	93.15	4,096.49	239.74	1,206.05	1,206.64	1.32	-0.06	1.31
4,965.00	89.70	93.51	4,096.53	234.57	1,294.90	1,295.47	0.74	-0.62	0.40
5,050.00	88.65	93.57	4,097.75	229.32	1,379.73	1,380.29	1.24	-1.24	0.07
5,137.00	87.34	92.85	4,100.79	224.45	1,466.54	1,467.08	1.72	-1.51	-0.83
5,225.00	89.13	93.16	4,103.50	219.84	1,554.37	1,554.90	2.06	2.03	0.35
5,312.00	89.34	92.46	4,104.67	215.58	1,641.26	1,641.78	0.84	0.24	-0.80
5,398.00	90.48	90.34	4,104.80	213.48	1,727.23	1,727.74	2.80	1.33	-2.47
5,486.00	89.93	89.12	4,104.49	213.89	1,815.22	1,815.74	1.52	-0.62	-1.39
5,571.00	88.84	88.75	4,105.40	215.47	1,900.20	1,900.72	1.35	-1.28	-0.44
5,659.00	87.84	89.44	4,107.95	216.86	1,988.15	1,988.68	1.38	-1.14	0.78
5,745.00	89.07	89.19	4,110.27	217.89	2,074.11	2,074.64	1.46	1.43	-0.29
5,832.00	88.33	90.49	4,112.24	218.13	2,161.09	2,161.61	1.72	-0.85	1.49
5,918.00	87.13	92.47	4,115.65	215.91	2,246.99	2,247.51	2.69	-1.40	2.30
6,006.00	87.93	90.23	4,119.44	213.84	2,334.87	2,335.39	2.70	0.91	-2.55
6,091.00	87.49	89.93	4,122.84	213.72	2,419.81	2,420.32	0.63	-0.52	-0.35
6,178.00	89.12	89.01	4,125.41	214.53	2,506.76	2,507.28	2.15	1.87	-1.06
6,263.00	88.55	89.91	4,127.14	215.33	2,591.74	2,592.26	1.25	-0.67	1.06
6,351.00	87.34	90.16	4,130.29	215.27	2,679.68	2,680.20	1.40	-1.37	0.28
6,440.00	88.80	90.10	4,133.29	215.07	2,768.63	2,769.14	1.64	1.64	-0.07
6,530.00	88.46	90.52	4,135.44	214.59	2,858.60	2,859.11	0.60	-0.38	0.47
6,619.00	89.97	90.66	4,136.66	213.67	2,947.58	2,948.10	1.70	1.70	0.16
6,708.00	88.96	89.38	4,137.49	213.64	3,036.58	3,037.09	1.83	-1.13	-1.44
6,797.00	87.62	89.68	4,140.15	214.37	3,125.53	3,126.05	1.54	-1.51	0.34
6,886.00	87.58	89.52	4,143.88	214.99	3,214.45	3,214.97	0.19	-0.04	-0.18
6,977.00	89.59	92.24	4,146.12	213.59	3,305.40	3,305.91	3.72	2.21	2.99
7,098.00	89.55	89.33	4,147.03	211.93	3,426.37	3,426.88	2.41	-0.03	-2.40
7,186.00	88.06	89.11	4,148.87	213.13	3,514.34	3,514.85	1.71	-1.69	-0.25
7,276.00	88.04	89.62	4,151.93	214.13	3,604.28	3,604.80	0.57	-0.02	0.57
7,367.00	87.96	90.10	4,155.10	214.35	3,695.23	3,695.74	0.53	-0.09	0.53
7,453.00	88.02	89.84	4,158.12	214.40	3,781.17	3,781.69	0.31	0.07	-0.30
7,541.00	88.24	90.27	4,160.99	214.31	3,869.13	3,869.64	0.55	0.25	0.49
7,627.00	88.38	90.62	4,163.53	213.64	3,955.09	3,955.60	0.44	0.16	0.41
7,715.00	88.25	90.33	4,166.12	212.91	4,043.05	4,043.55	0.36	-0.15	-0.33
7,800.00	88.16	89.56	4,168.78	213.00	4,128.00	4,128.51	0.91	-0.11	-0.91
7,885.00	87.72	89.93	4,171.83	213.37	4,212.95	4,213.46	0.68	-0.52	0.44
7,972.00	87.48	90.58	4,175.48	212.99	4,299.87	4,300.38	0.80	-0.28	0.75
8,057.00	87.85	90.81	4,178.94	211.96	4,384.79	4,385.30	0.51	0.44	0.27
8,143.00	87.86	90.85	4,182.16	210.71	4,470.72	4,471.23	0.05	0.01	0.05
8,228.00	87.79	90.46	4,185.39	209.74	4,555.66	4,556.16	0.47	-0.08	-0.46
8,316.00	87.58	89.13	4,188.94	210.06	4,643.58	4,644.08	1.53	-0.24	-1.51



Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 001H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB= 17' @ 3715.90usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB= 17' @ 3715.90usft (AKITA 524)
Well:	001H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,401.00	87.63	89.25	4,192.49	211.26	4,728.50	4,729.00	0.15	0.06	0.14
8,491.00	88.25	89.06	4,195.73	212.58	4,818.43	4,818.94	0.72	0.69	-0.21
8,580.00	88.60	88.90	4,198.17	214.17	4,907.38	4,907.89	0.43	0.39	-0.18
8,666.00	88.79	89.19	4,200.13	215.60	4,993.35	4,993.86	0.40	0.22	0.34
8,751.00	88.85	89.72	4,201.88	216.41	5,078.33	5,078.84	0.63	0.07	0.62
8,841.00	89.31	90.11	4,203.33	216.54	5,168.31	5,168.83	0.67	0.51	0.43
9,014.00	88.61	91.24	4,206.47	214.50	5,341.27	5,341.78	0.77	-0.40	0.65
9,100.00	88.00	90.87	4,209.01	212.92	5,427.22	5,427.72	0.83	-0.71	-0.43
9,195.00	89.65	92.17	4,210.96	210.40	5,522.16	5,522.66	2.21	1.74	1.37
9,267.00	89.65	92.17	4,211.40	207.67	5,594.11	5,594.60	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FINAL FTP: 4534.55'	0.00	0.00	4,084.28	250.27	865.23	667,124.00	606,535.57	32.833770	-104.121066
- hit/miss target									
- Shape									
- actual wellpath misses target center by 0.05usft at 4534.50usft MD (4084.25 TVD, 250.23 N, 865.23 E)									
- Point									
FINAL LTP: 9187.66' I	0.00	0.00	4,210.91	210.67	5,514.82	667,084.40	611,185.17	32.833635	-104.105929
- actual wellpath hits target center									
- Point									
FINAL TD/ BIT PROJ:	0.00	0.00	4,211.40	207.67	5,594.11	667,081.40	611,264.45	32.833626	-104.105670
- actual wellpath hits target center									
- Point									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,432.29	4,064.94	250.98	764.91	FINAL LINE X-ING: 4432.29' MD/ 4064.97' TVD
4,534.55	4,084.26	250.23	865.28	FINAL FTP: 4534.55' MD/ 4084.28' TVD
9,187.66	4,210.91	210.67	5,514.82	FINAL LTP: 9187.66' MD/ 4210.91' TVD
9,267.00	4,211.40	207.67	5,594.11	TD: Y= 667081.39 / X= 611264.45
9,267.00	4,211.40	207.67	5,594.11	Projection to Bit: 9267.00' MD/ 4211.40' TVD
9,267.00	4,211.40	207.67	5,594.11	Final Station Closure Distance= 5597.96 /Direction= 87.87
9,267.00	4,211.40	207.67	5,594.11	TD: Latitude= 32.833626 / Longitude= -104.105670

Checked By: _____ Approved By: _____ Date: _____



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **09/08/21** thru **09/18/21** conduct or supervise the taking of a **MWD Survey** from a depth of **193'** to a depth of **9267'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Longfellow Energy** for the **Ozzy Federal Com 18C 1H** API No. **30-015-48309** in **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

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77301

District I

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Phone:(575) 393-6161 Fax:(575) 393-0720

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District IV

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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 64917

ACKNOWLEDGMENTS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 64917
	Action Type: [C-104] Completion Packet (C-104C)

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 64917

CONDITIONS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 64917
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT C-104 EXPIRES 3/3/2022.	12/10/2021