

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 NW 11/2021
⁴ API Number 30 – 015-48330	⁵ Pool Name Empire; Glorieta - Yeso	
		⁶ Pool Code 96210
⁷ Property Code 330802	⁸ Property Name Ozzy Federal Com 18C	⁹ Well Number 003H

II. ¹⁰ Surface Location

Ul or lot no. I	Section 13	Township 17S	Range 28E	Lot Idn	Feet from the 1590	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 1544	North/South line South	Feet from the 19	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 8/14/2021	²² Ready Date 12/3/2021	²³ TD 4190'V/9170'M	²⁴ PBDT 4189'V/9118'M	²⁵ Perforations 4,430'-9,087'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8"	372'		560
12-1/4"		9-5/8"	1256'		505
8-3/4"		7"	3361'		1870
8-3/4"		5-1/2"	9165'		
		2-7/8"			

V. Well Test Data

³¹ Date New Oil 12/20/201	³² Gas Delivery Date 12/11/2021	³³ Test Date 1/6/2022	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure 210	³⁶ Csg. Pressure 66
³⁷ Choke Size 64/64	³⁸ Oil 222	³⁹ Water 2290	⁴⁰ Gas 254		⁴¹ Test Method Pumping

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:



Printed name:
David Cain

Title:
Regulatory Analyst

E-mail Address:
David.cain@longfellowenergy.com

Date:
4/1/2022

Phone:
(972) 590-9900

OIL CONSERVATION DIVISION

Approved by: **PATRICIA MARTINEZ**

Title: **PETROLEUM SPECIALIST**

Approval Date: **4/8/2022**

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,
2011Submit one copy to appropriate
District Office☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-48330	² Pool Code 96210	³ Pool Name Empire; Glorieta-Yeso
⁴ Property Code 330802	⁵ Property Name OZZY FEDERAL COM 18C	⁶ Well Number 003H
⁷ OGRID No. 372210	⁸ Operator Name LONGFELLOW ENERGY, LP	⁹ Elevation 3697.8

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		1590	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		1544	SOUTH	19	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.

<p>NW CORNER SEC. 13 LAT. = 32.8431424°N LONG. = 104.1387095°W NMSP EAST (FT) N = 670523.36 E = 601110.01 N89°50'58"E 2663.82 FT</p> <p>NE CORNER SEC. 13 LAT. = 32.8431631°N LONG. = 104.1213595°W NMSP EAST (FT) N = 670541.18 E = 606438.49 N89°46'03"E 2666.00 FT</p> <p>NW CORNER SEC. 18 LAT. = 32.8418304°N LONG. = 104.1213621°W NMSP EAST (FT) N = 670056.28 E = 606438.68 S00°01'18"E 485.02 FT</p> <p>NE CORNER SEC. 18 LAT. = 32.8418330°N LONG. = 104.1056015°W NMSP EAST (FT) N = 670067.31 E = 611279.13 N89°51'10"E 2641.08 FT</p> <p>N/4 CORNER SEC. 13 LAT. = 32.8431478°N LONG. = 104.1300381°W NMSP EAST (FT) N = 670530.36 E = 606773.17 N89°53'22"E 2200.58 FT</p> <p>N/4 CORNER SEC. 18 LAT. = 32.8418297°N LONG. = 104.1141987°W NMSP EAST (FT) N = 670060.53 E = 606638.71 N89°51'10"E 2641.08 FT</p> <p>W/4 CORNER SEC. 13 LAT. = 32.8358282°N LONG. = 104.1385221°W NMSP EAST (FT) N = 667862.46 E = 601172.46 S00°03'34"W 469.59 FT</p> <p>W/4 CORNER SEC. 18 LAT. = 32.8345730°N LONG. = 104.1056028°W NMSP EAST (FT) N = 667426.00 E = 611284.41 S00°03'34"W 469.59 FT</p> <p>S/4 CORNER SEC. 13 LAT. = 32.8285531°N LONG. = 104.1298694°W NMSP EAST (FT) N = 665220.65 E = 606383.19 S00°03'34"W 2182.16 FT</p> <p>S/4 CORNER SEC. 18 LAT. = 32.8273413°N LONG. = 104.1142272°W NMSP EAST (FT) N = 664789.39 E = 608640.89 S00°03'34"W 2182.16 FT</p> <p>SW CORNER SEC. 13 LAT. = 32.8285163°N LONG. = 104.1383286°W NMSP EAST (FT) N = 665202.37 E = 601236.82 S89°35'48"W 2599.08 FT</p> <p>SW CORNER SEC. 18 LAT. = 32.8273415°N LONG. = 104.1214155°W NMSP EAST (FT) N = 664784.94 E = 606432.86 S89°53'04"W 2208.58 FT</p> <p>SE CORNER SEC. 13 LAT. = 32.8285895°N LONG. = 104.1214098°W NMSP EAST (FT) N = 665238.99 E = 606433.68 N00°06'12"E 454.16 FT</p> <p>SE CORNER SEC. 18 LAT. = 32.8273104°N LONG. = 104.1056042°W NMSP EAST (FT) N = 664783.74 E = 611289.70 N89°52'40"W 2649.46 FT</p> <p>AS-DRILLED KOP 1099' FSL, 493' FEL LAT. = 32.8316021°N LONG. = 104.1230032°W NMSP EAST (FT) N = 666334.05 E = 605942.05</p> <p>AS-DRILLED FIRST TAKE POINT 1504' FSL, 100' FWL LAT. = 32.8314795°N LONG. = 104.1210896°W NMSP EAST (FT) N = 666290.61 E = 606529.92</p> <p>AS-DRILLED LAST TAKE POINT 1543' FSL, 101' FEL LAT. = 32.8315504°N LONG. = 104.1059333°W NMSP EAST (FT) N = 666326.11 E = 611185.26</p> <p>AS-DRILLED BOTTOM OF HOLE LAT. = 32.8315532°N LONG. = 104.1056641°W NMSP EAST (FT) N = 666327.31 E = 611267.94</p> <p>SHL 765' FTP 1590' KOP 1590' BHL 19' LTP 19'</p>		<p>17 OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature: <u>David Cain</u> Date: <u>11/23/2021</u></p> <p>Printed Name: <u>David Cain</u></p> <p>E-mail Address: <u>david.cain@longfellowenergy.com</u></p> <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 7, 2021</p> <p>Date of Survey: <u>OCTOBER 7, 2021</u></p> <p>Signature and Seal of Professional Surveyor: <u>William F. Jaramillo</u></p> <p>Certificate Number: <u>12797</u></p> <p>PROFESSIONAL SURVEYOR NO. 8391A</p>
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Intent ☐ As Drilled ☒API #
30-015-48330

Operator Name: LONGFELLOW ENERGY, LP	Property Name: OZZY FEDERAL COM 18C	Well Number 003H
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Kick Off Point (KOP)

UL P	Section 13	Township 17S	Range 28E	Lot	Feet 1099	From N/S SOUTH	Feet 493	From E/W EAST	County EDDY
Latitude 32.8316021					Longitude 104.1230032			NAD 83	

First Take Point (FTP)

UL P	Section 18	Township 17S	Range 29E	Lot 3	Feet 1504	From N/S SOUTH	Feet 100	From E/W WEST	County EDDY
Latitude 32.8314795					Longitude 104.1210896			NAD 83	

Last Take Point (LTP)

UL I	Section 18	Township 17S	Range 29E	Lot	Feet 1543	From N/S SOUTH	Feet 101	From E/W EAST	County EDDY
Latitude 32.8315504					Longitude 104.1059333			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
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KZ 06/29/2018



Longfellow Energy

Eddy Co., NM (Nad-83)
OZZY FED COM 18C
003H

Wellbore #1

Survey: Survey #1

Standard Survey Report

25 August, 2021





Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 003H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB @ 3714.80usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB @ 3714.80usft (AKITA 524)
Well:	003H	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	003H					
Well Position	+N/-S	0.00 usft	Northing:	666,823.73 usft	Latitude:	32.832950
	+E/-W	0.00 usft	Easting:	605,670.30 usft	Longitude:	-104.123885
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,697.80 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/2/2021	6.854	60.372	47,797.80238163

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	89.83	

Survey Program	Date	8/25/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
218.00	9,170.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	

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	
218.00	0.66	210.82	218.00	-1.08	-0.64	-0.65	0.30	0.30	0.00	
305.00	1.23	194.12	304.98	-2.41	-1.13	-1.13	0.72	0.66	-19.20	
396.00	1.67	196.50	395.95	-4.63	-1.74	-1.76	0.49	0.48	2.62	
426.00	1.85	190.43	425.94	-5.53	-1.95	-1.97	0.86	0.60	-20.23	
456.00	2.37	185.95	455.92	-6.62	-2.11	-2.13	1.82	1.73	-14.93	
486.00	2.68	181.55	485.89	-7.94	-2.19	-2.21	1.22	1.03	-14.67	
515.00	3.21	177.25	514.85	-9.43	-2.17	-2.20	1.98	1.83	-14.83	
545.00	4.04	176.54	544.79	-11.32	-2.07	-2.10	2.77	2.77	-2.37	
575.00	4.62	178.04	574.71	-13.58	-1.96	-2.00	1.97	1.93	5.00	



Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 003H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB @ 3714.80usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB @ 3714.80usft (AKITA 524)
Well:	003H	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)	
605.00	5.54	176.02	604.59	-16.24	-1.82	-1.87	3.12	3.07	-6.73	
635.00	6.73	175.23	634.42	-19.43	-1.57	-1.63	3.98	3.97	-2.63	
666.00	8.04	174.00	665.16	-23.40	-1.19	-1.26	4.26	4.23	-3.97	
697.00	9.19	172.15	695.81	-28.01	-0.63	-0.71	3.82	3.71	-5.97	
757.00	11.78	167.58	754.80	-38.74	1.34	1.23	4.53	4.32	-7.62	
845.00	13.41	156.24	840.69	-56.85	7.39	7.22	3.36	1.85	-12.89	
935.00	12.44	150.09	928.42	-74.81	16.43	16.20	1.87	-1.08	-6.83	
1,026.00	11.21	147.19	1,017.48	-90.74	26.11	25.84	1.50	-1.35	-3.19	
1,112.00	10.64	147.72	1,101.93	-104.48	34.88	34.57	0.67	-0.66	0.62	
1,198.00	10.42	146.66	1,186.48	-117.69	43.39	43.04	0.34	-0.26	-1.23	
1,289.00	10.20	147.63	1,276.01	-131.37	52.23	51.84	0.31	-0.24	1.07	
1,376.00	9.76	146.84	1,361.69	-144.05	60.39	59.96	0.53	-0.51	-0.91	
1,464.00	9.23	147.28	1,448.49	-156.23	68.28	67.82	0.61	-0.60	0.50	
1,549.00	9.10	147.72	1,532.40	-167.65	75.56	75.06	0.17	-0.15	0.52	
1,635.00	10.11	147.45	1,617.19	-179.76	83.25	82.72	1.18	1.17	-0.31	
1,722.00	10.37	147.89	1,702.81	-192.83	91.52	90.95	0.31	0.30	0.51	
1,808.00	10.02	147.63	1,787.45	-205.70	99.64	99.03	0.41	-0.41	-0.30	
1,893.00	9.67	147.19	1,871.20	-217.95	107.47	106.82	0.42	-0.41	-0.52	
1,984.00	10.73	146.75	1,960.76	-231.46	116.25	115.57	1.17	1.16	-0.48	
2,071.00	10.99	145.52	2,046.20	-245.07	125.39	124.66	0.40	0.30	-1.41	
2,160.00	11.21	146.05	2,133.54	-259.24	135.02	134.25	0.27	0.25	0.60	
2,250.00	10.55	151.76	2,221.92	-273.75	143.81	142.99	1.40	-0.73	6.34	
2,337.00	10.51	152.73	2,307.46	-287.82	151.21	150.36	0.21	-0.05	1.11	
2,426.00	10.73	151.23	2,394.93	-302.30	158.92	158.02	0.40	0.25	-1.69	
2,515.00	10.73	150.88	2,482.37	-316.80	166.94	166.00	0.07	0.00	-0.39	
2,604.00	10.77	148.42	2,569.81	-331.12	175.32	174.34	0.52	0.04	-2.76	
2,691.00	10.90	148.16	2,655.26	-345.03	183.92	182.90	0.16	0.15	-0.30	
2,780.00	10.81	146.31	2,742.67	-359.13	192.99	191.92	0.40	-0.10	-2.08	
2,869.00	10.77	153.78	2,830.10	-373.53	201.29	200.18	1.57	-0.04	8.39	
2,956.00	11.08	156.68	2,915.52	-388.50	208.19	207.04	0.73	0.36	3.33	
3,043.00	10.29	152.73	3,001.02	-403.09	215.06	213.87	1.24	-0.91	-4.54	
3,130.00	9.76	151.06	3,086.69	-416.45	222.19	220.96	0.69	-0.61	-1.92	
3,218.00	9.76	150.09	3,173.41	-429.44	229.52	228.25	0.19	0.00	-1.10	
3,305.00	10.15	148.77	3,259.10	-442.39	237.17	235.86	0.52	0.45	-1.52	
3,394.00	9.98	147.45	3,346.73	-455.59	245.39	244.03	0.32	-0.19	-1.48	
3,481.00	9.76	146.57	3,432.45	-468.10	253.51	252.12	0.31	-0.25	-1.01	
3,569.00	12.53	139.10	3,518.78	-481.55	263.87	262.44	3.54	3.15	-8.49	
3,613.00	17.71	133.92	3,561.25	-489.80	271.82	270.37	12.16	11.77	-11.77	
3,656.00	21.80	131.19	3,601.71	-499.60	282.54	281.06	9.75	9.51	-6.35	
3,699.00	26.59	126.89	3,640.92	-510.64	296.26	294.74	11.86	11.14	-10.00	
3,743.00	30.77	122.40	3,679.52	-522.59	313.65	312.09	10.68	9.50	-10.20	
3,786.00	34.51	117.75	3,715.73	-534.16	333.72	332.14	10.47	8.70	-10.81	
3,828.00	38.51	112.56	3,749.49	-544.73	356.34	354.72	12.02	9.52	-12.36	
3,871.00	42.11	106.76	3,782.29	-554.03	382.53	380.88	12.09	8.37	-13.49	



Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 003H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB @ 3714.80usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB @ 3714.80usft (AKITA 524)
Well:	003H	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)
3,916.00	44.84	101.22	3,814.95	-561.47	412.55	410.89	10.41	6.07	-12.31
3,959.00	47.21	95.07	3,844.82	-565.81	443.16	441.48	11.67	5.51	-14.30
4,004.00	50.81	90.41	3,874.34	-567.40	477.07	475.38	11.18	8.00	-10.36
4,046.00	55.30	86.98	3,899.58	-566.61	510.61	508.92	12.52	10.69	-8.17
4,089.00	59.69	84.96	3,922.69	-564.04	546.77	545.09	10.95	10.21	-4.70
4,132.00	62.46	84.87	3,943.48	-560.71	584.25	582.59	6.44	6.44	-0.21
4,232.00	66.81	84.44	3,986.31	-552.28	674.20	672.55	4.37	4.35	-0.43
4,262.00	69.27	84.35	3,997.53	-549.57	701.88	700.25	8.20	8.20	-0.30
4,305.00	73.36	84.44	4,011.30	-545.59	742.42	740.79	9.51	9.51	0.21
4,349.00	75.87	84.79	4,022.97	-541.61	784.65	783.04	5.76	5.70	0.80
4,392.00	78.90	85.40	4,032.36	-538.02	826.45	824.85	7.18	7.05	1.42
4,436.00	80.62	85.67	4,040.18	-534.65	869.62	868.03	3.96	3.91	0.61
4,479.00	82.99	86.46	4,046.31	-531.73	912.07	910.49	5.80	5.51	1.84
4,522.00	84.40	86.81	4,051.04	-529.23	954.74	953.17	3.38	3.28	0.81
4,609.00	84.04	87.34	4,059.80	-524.81	1,041.18	1,039.62	0.73	-0.41	0.61
4,698.00	85.80	87.42	4,067.68	-520.76	1,129.74	1,128.19	1.98	1.98	0.09
4,731.00	86.64	87.25	4,069.85	-519.23	1,162.63	1,161.08	2.60	2.55	-0.52
4,818.00	88.35	87.95	4,073.66	-515.59	1,249.47	1,247.93	2.12	1.97	0.80
4,903.00	88.44	88.57	4,076.04	-513.01	1,334.39	1,332.87	0.74	0.11	0.73
4,992.00	87.16	89.80	4,079.45	-511.74	1,423.32	1,421.79	1.99	-1.44	1.38
5,077.00	88.22	89.01	4,082.88	-510.86	1,508.24	1,506.72	1.55	1.25	-0.93
5,165.00	87.65	88.39	4,086.05	-508.86	1,596.16	1,594.64	0.96	-0.65	-0.70
5,252.00	88.84	87.78	4,088.71	-505.96	1,683.07	1,681.56	1.54	1.37	-0.70
5,340.00	87.96	88.21	4,091.17	-502.88	1,770.98	1,769.48	1.11	-1.00	0.49
5,426.00	87.47	89.88	4,094.60	-501.45	1,856.90	1,855.40	2.02	-0.57	1.94
5,513.00	88.35	89.97	4,097.77	-501.33	1,943.84	1,942.34	1.02	1.01	0.10
5,599.00	89.63	89.71	4,099.29	-501.09	2,029.82	2,028.33	1.52	1.49	-0.30
5,686.00	88.75	90.85	4,100.52	-501.52	2,116.81	2,115.31	1.66	-1.01	1.31
5,772.00	87.43	90.50	4,103.39	-502.53	2,202.75	2,201.25	1.59	-1.53	-0.41
5,860.00	88.40	90.94	4,106.59	-503.64	2,290.69	2,289.18	1.21	1.10	0.50
5,946.00	88.26	91.29	4,109.09	-505.31	2,376.63	2,375.12	0.44	-0.16	0.41
6,033.00	86.77	90.59	4,112.87	-506.74	2,463.54	2,462.02	1.89	-1.71	-0.80
6,119.00	87.65	90.15	4,117.05	-507.29	2,549.43	2,547.92	1.14	1.02	-0.51
6,206.00	88.53	88.92	4,119.95	-506.58	2,636.38	2,634.86	1.74	1.01	-1.41
6,291.00	87.96	88.74	4,122.55	-504.85	2,721.32	2,719.81	0.70	-0.67	-0.21
6,378.00	89.05	89.27	4,124.82	-503.34	2,808.28	2,806.77	1.39	1.25	0.61
6,467.00	88.53	89.80	4,126.70	-502.62	2,897.25	2,895.75	0.83	-0.58	0.60
6,558.00	87.60	90.85	4,129.78	-503.13	2,988.20	2,986.69	1.54	-1.02	1.15
6,646.00	88.40	91.03	4,132.85	-504.58	3,076.13	3,074.62	0.93	0.91	0.20
6,736.00	89.80	90.59	4,134.26	-505.85	3,166.11	3,164.59	1.63	1.56	-0.49
6,825.00	89.58	90.50	4,134.74	-506.69	3,255.10	3,253.59	0.27	-0.25	-0.10
6,915.00	88.22	90.41	4,136.47	-507.41	3,345.08	3,343.56	1.51	-1.51	-0.10
7,006.00	89.32	90.59	4,138.42	-508.20	3,436.06	3,434.53	1.22	1.21	0.20



Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 003H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB @ 3714.80usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB @ 3714.80usft (AKITA 524)
Well:	003H	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)
7,097.00	88.53	89.62	4,140.13	-508.37	3,527.04	3,525.51	1.37	-0.87	-1.07
7,184.00	87.12	89.27	4,143.43	-507.53	3,613.97	3,612.45	1.67	-1.62	-0.40
7,274.00	87.96	88.83	4,147.30	-506.04	3,703.87	3,702.36	1.05	0.93	-0.49
7,365.00	89.14	88.13	4,149.60	-503.62	3,794.81	3,793.30	1.51	1.30	-0.77
7,451.00	88.66	88.92	4,151.25	-501.41	3,880.76	3,879.26	1.07	-0.56	0.92
7,538.00	87.43	89.53	4,154.22	-500.23	3,967.70	3,966.20	1.58	-1.41	0.70
7,625.00	88.44	89.27	4,157.35	-499.32	4,054.64	4,053.14	1.20	1.16	-0.30
7,712.00	88.13	90.24	4,159.96	-498.95	4,141.60	4,140.10	1.17	-0.36	1.11
7,798.00	88.92	90.06	4,162.17	-499.18	4,227.57	4,226.07	0.94	0.92	-0.21
7,883.00	88.31	90.06	4,164.22	-499.27	4,312.55	4,311.05	0.72	-0.72	0.00
7,970.00	88.92	89.62	4,166.33	-499.02	4,399.52	4,398.02	0.86	0.70	-0.51
8,055.00	87.82	89.88	4,168.74	-498.65	4,484.48	4,482.98	1.33	-1.29	0.31
8,140.00	88.26	89.27	4,171.65	-498.02	4,569.43	4,567.93	0.88	0.52	-0.72
8,226.00	89.36	88.57	4,173.44	-496.40	4,655.39	4,653.90	1.52	1.28	-0.81
8,313.00	88.70	89.18	4,174.91	-494.69	4,742.36	4,740.88	1.03	-0.76	0.70
8,399.00	89.27	90.06	4,176.43	-494.12	4,828.35	4,826.86	1.22	0.66	1.02
8,489.00	89.41	90.32	4,177.47	-494.42	4,918.34	4,916.85	0.33	0.16	0.29
8,578.00	89.85	90.15	4,178.05	-494.79	5,007.34	5,005.85	0.53	0.49	-0.19
8,663.00	89.54	90.24	4,178.50	-495.08	5,092.34	5,090.85	0.38	-0.36	0.11
8,748.00	90.33	90.85	4,178.59	-495.88	5,177.33	5,175.84	1.17	0.93	0.72
8,839.00	90.07	90.94	4,178.28	-497.31	5,268.32	5,266.82	0.30	-0.29	0.10
8,924.00	89.14	90.68	4,178.86	-498.51	5,353.31	5,351.81	1.14	-1.09	-0.31
9,012.00	86.59	89.45	4,182.14	-498.61	5,441.24	5,439.73	3.22	-2.90	-1.40
9,097.00	87.34	89.18	4,186.64	-497.59	5,526.11	5,524.61	0.94	0.88	-0.32
9,170.00	87.34	89.18	4,190.03	-496.55	5,599.03	5,597.53	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
- hit/miss target									
- Shape									
FINAL TD/ BIT PROJ	0.00	0.00	4,190.03	-496.55	5,599.03	666,327.19	611,269.33	32.831553	-104.105660
- survey hits target center									
- Point									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
4,430.32	4,039.25	-535.08	864.03	FINAL FTP: 4430.32' MD/ 4039.25' TVD
9,087.20	4,186.18	-497.73	5,516.32	FINAL LTP: 9087.20' MD/ 4186.18' TVD
9,170.00	4,190.03	-496.55	5,599.03	TD: Y= 666327.18 / X= 611269.33
9,170.00	4,190.03	-496.55	5,599.03	Projection to Bit: 9170.00' MD/ 4190.03' TVD
9,170.00	4,190.03	-496.55	5,599.03	Final Station Closure Distance= 5621.00 /Direction= 95.07
9,170.00	4,190.03	-496.55	5,599.03	TD: Latitude= 32.831553 / Longitude= -104.105660



Survey Report



Company:	Longfellow Energy	Local Co-ordinate Reference:	Well 003H
Project:	Eddy Co., NM (Nad-83)	TVD Reference:	RKB @ 3714.80usft (AKITA 524)
Site:	OZZY FED COM 18C	MD Reference:	RKB @ 3714.80usft (AKITA 524)
Well:	003H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

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 **08/14/21** thru **08/25/21** conduct or supervise the taking of a **MWD Survey** from a depth of **218'** to a depth of **9170'**; 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 3H** API No. **30-015-48330** 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

1125 Beach Airport Rd, Conroe, Texas
77301

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.5. Lease Serial No. **NMNM14847**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **LONGFELLOW ENERGY LP**3a. Address **16803 N. Dallas Parkway, Addison, TX 75001**3b. Phone No. (include area code)
(672) 590-9933

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. **OZZY FEDERAL COM 18C/003H**9. API Well No. **3001548330**10. Field and Pool or Exploratory Area
EMPIRE/GLORIETA YESO4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 13/T17S/R28E/NMP11. Country or Parish, State
EDDY/NM**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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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 recompleat 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 recompleat 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 detennined that the site is ready for final inspection.)

RUPU 10/3/2021. RIH & cleanout to PBTD @ 9118. Pressure test casing to 7000 psi for 30 minutes, good test. Start frac ops 11/11/2021. RIH and perf from 9087-8912, 8892-8717, 8697-8522, 8502-8327, 8307-8132, 8112-7937, 7917-7742-7722-7547, 7527-7352, 7332-7157, 7137-6962, 6942-6769, 6747-6572, 6552-6377, 6357-6182, 6162-5987, 5967-5792, 5772-5597, 5577-5402, 5382-5207, 5187-5012, 4992-4817, 4797-4622, 4602-4430. Frac in 24 stages with 5004426# sand and 289111 bbls of slickwater. 11/19/2021 rig down and cleanout.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
DAVID CAIN / Ph: (214) 265-4715

Title **Engineering Technologist & Regulatory Specialist**

Signature

Date **12/01/2021****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Jonathon W Shepard / Ph: (575) 234-5972 / AcceptedTitle **Petroleum Engineer**Date **12/02/2021**

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 **CARLSBAD**

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: NESE / 1565 FSL / 675 FEL / TWSP: 17S / RANGE: 28E / SECTION: 13 / LAT: 32.8328818 / LONG: -104.1235921 (TVD: 0 feet, MD: 0 feet)

PPP: NESW / 1540 FSL / 1320 FWL / TWSP: 17S / RANGE: 28E / SECTION: 18 / LAT: 32.831538 / LONG: -104.118499 (TVD: 4070 feet, MD: 5213 feet)

PPP: LOT 3 / 1540 FSL / 0 FWL / TWSP: 17S / RANGE: 28E / SECTION: 18 / LAT: 32.831549 / LONG: -104.121401 (TVD: 4057 feet, MD: 4330 feet)

PPP: SESE / 1087 FSL / 403 FEL / TWSP: 17S / RANGE: 28E / SECTION: 13 / LAT: 32.831573 / LONG: -104.1227069 (TVD: 3769 feet, MD: 3820 feet)

BHL: NESE / 1540 FSL / 20 FEL / TWSP: 17S / RANGE: 29E / SECTION: 18 / LAT: 32.8315425 / LONG: -104.1056685 (TVD: 4070 feet, MD: 9163 feet)

CONFIDENTIAL



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

Well Completion Print Report

03/15/2022

Operator Name LONGFELLOW ENERGY LP SHL NESE Sec 13 17S 28E	Well Name OZZY FEDERAL COM 18C	Well Number 003H	US Well Number 3001548330
Well Type OIL WELL	County EDDY	State NM	Lease Number(s) NMNM14847
	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Ozzy Federal Com	Well Pad Number 18C	ID 10400061875

Section 1 - General

Well Completion Report Id: 82164**Submission Date:** N/A until DB Work**BLM Office:** Carlsbad Field Office**User:** DAVID CAIN**Title:** Engineering Technologist &**Federal/Indian:** FEDERAL**Lease Number:** NMNM14847**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:** YES**APD Operator:** LONGFELLOW ENERGY
LP

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool**Pool Name:** GLORIETA YESO**Field Name:** EMPIRE**Well Type:** OIL WELL**Spud Date:** 08-14-2021**Date Total Measured Depth Reached:** 08-24-2021**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
QUEEN	SANDSTONE		2051	1665	1684	NONE	
GRAYBURG	DOLOMITE		1569	2147	2174	NATURAL GAS, OIL	

Operator Name LONGFELLOW ENERGY LP SHL NESE Sec 13 17S 28E	Well Name OZZY FEDERAL COM 18C	Well Number 003H	US Well Number 3001548330
	County EDDY	State NM	Lease Number(s) NMNM14847
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Ozzy Federal Com	Well Pad Number 18C	ID 10400061875

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
SAN ANDRES	DOLOMITE		1350	2366	2396	NATURAL GAS, OIL	
GLORIETA	SANDSTONE		-26	3742	3819	NATURAL GAS, OIL	
PADDOCK	DOLOMITE		-71	3787	3877	NATURAL GAS, OIL	

Completion and Completed Intervals

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM14847		NEW		POW	11-18-2021	12-13-2021	YESO	4430	9088	Y	.42	786	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totile Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	289111	4881026	

Operator Name LONGFELLOW ENERGY LP SHL NESE Sec 13 17S 28E	Well Name OZZY FEDERAL COM 18C	Well Number 003H	US Well Number 3001548330
	County EDDY	State NM	Lease Number(s) NMNM14847
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Ozzy Federal Com	Well Pad Number 18C	ID 10400061875

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	39.3	.8241	ELECTRIC PUMP SUB-SURFACE		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	01/06/2022	24	222	254	2290	1144	64/64	210		66

Well Location

Survey Type: RECTANGULAR

Survey Number: 12797

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.8329495	-104.1238848	3698	STATE	STATE			1590	FSL	765	FEL	17S	28E	13	NESE

Operator Name LONGFELLOW ENERGY LP SHL NESE Sec 13 17S 28E	Well Name OZZY FEDERAL COM 18C	Well Number 003H	US Well Number 3001548330
	County EDDY	State NM	Lease Number(s) NMNM14847
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Ozzy Federal Com	Well Pad Number 18C	ID 10400061875

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
		L																	
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.8316021	-104.1230032	117	STATE	STATE				1099	FSL	493	FEL	17S	28E	13	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.831573	-104.1227069	-71	STATE	STATE				1087	FSL	403	FEL	17S	28E	13	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.831451	-104.121394	-325	FEDERAL	NMNM 14847				1492	FSL	0	FWL	17S	28E	18	Lot 3
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.831546	-104.118498	-372	STATE	STATE				1527	FSL	889	FWL	17S	28E	18	NESW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.831553	-104.10566	-492	STATE	STATE				1528	FSL	14	FEL	17S	29E	18	NESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.831553	-104.10566	-492	STATE	STATE				1528	FSL	14	FEL	17S	29E	18	NESE

Casing, Liner and Tubing

Operator Name LONGFELLOW ENERGY LP SHL NESE Sec 13 17S 28E	Well Name OZZY FEDERAL COM 18C	Well Number 003H	US Well Number 3001548330
	County EDDY	State NM	Lease Number(s) NMNM14847
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Ozzy Federal Com	Well Pad Number 18C	ID 10400061875

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	372	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	1256	9.625	36	J-55		LT&C		
00	PRODUCT ION	8.75	0	3365	7.0	32	L-80		BUTT		
00	PRODUCT ION	8.75	3365	9165	5.5	20	L-80		BUTT		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	SURFACE		Class C	460	1.34	0					109.8
00	INTERMEDIATE		Class C	350	1.74	0	Class C	155	1.34	0	145.5
00	PRODUCT ION		25/75 Poz C	260	2.16	0	Class C	1610	1.33	0	481.4

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
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Operator Name LONGFELLOW ENERGY LP SHL NESE Sec 13 17S 28E	Well Name OZZY FEDERAL COM 18C	Well Number 003H	US Well Number 3001548330
	County EDDY	State NM	Lease Number(s) NMNM14847
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Ozzy Federal Com	Well Pad Number 18C	ID 10400061875

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		3067	3218	6	J-55			

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name LONGFELLOW ENERGY LP SHL NESE Sec 13 17S 28E	Well Name OZZY FEDERAL COM 18C County EDDY	Well Number 003H State NM	US Well Number 3001548330 Lease Number(s) NMNM14847
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Ozzy Federal Com	Well Pad Number 18C	ID 10400061875

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: LONGFELLOW ENERGY LP

Signed By: DAVID CAIN

Title: Engineering Technologist & Regulatory Specialist

Signed on: 03/04/2022

Street Address: 16803 DALLAS PARKWAY

City: ADDISON

State: TX

Zip: 75001

Phone: (214)265-4715

Email address: DAVID.CAIN@LONGFELLOWENERGY.COM

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

MAINLOG_20220304155051.pdf

OZZY_FEDERAL_COM_18C_3H_FINAL_SURVEY_20220304155120.pdf

OZZY_FEDERAL_COM_18C_003H_AS_DRILLED_Certified_signed_20220304155134.pdf

Ozzy_Federal_18_C_3H_WBD_1_19_22_20220304155209.pdf

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 95369

ACKNOWLEDGMENTS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 95369
	Action Type: [C-104] Completion Packet (C-104C)

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.

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 95369

CONDITIONS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 95369
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/8/2022