STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LONGFELLOW ENERGY, LP TO AMEND ORDER NO. R-21837, EDDY COUNTY, NEW MEXICO

Case No. 22970 Order No. R-21837 (Re-Open)



Marley State Com 31 AB 001H, 002H, 003H, 004H, and 005H

Supplemental Affirmation of Landman Ryan Reynolds and Revised Form C-102s (Exhibit 4)

September 15, 2022

STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

APPLICATION OF LONGFELLOW ENERGY, LP TO AMEND ORDER NO. R-21837, EDDY COUNTY, NEW MEXICO

Case No. 22970 Order No. R-21837 (Re-Open)

SUPPLEMENTAL AFFIRMATION OF LANDMAN RYAN REYNOLDS

- I, being duly sworn on oath, state the following:
- 1. I am over the age of 18 and have the capacity to execute this Affirmation, which is based on my personal knowledge.
- 2. This affirmation is a supplement to my affidavit previously submitted in the above-referenced case, which was heard by the New Mexico Oil Conservation Division on August 4, 2022. It is submitted at the request of the hearing examiners at that hearing.
 - 3. The revised surface hole locations for the proposed wells are as follows:
 - a. **Marley State Com 31 AB 001H**, to be horizontally drilled from an approximate surface hole location 1065' FNL and 1210' FEL of Section 36, T-17S-R27E.
 - b. **Marley State Com 31 AB 002H**, to be horizontally drilled from an approximate surface hole location 1085' FNL and 1210' FEL of Section 36, T-17S-R27E.
 - c. **Marley State Com 31 AB 003H**, to be horizontally drilled from an approximate surface hole location 1105' FNL and 1210' FEL of Section 36, T-17S-R27E.
 - d. **Marley State Com 31 AB 004H**, to be horizontally drilled from an approximate surface hole location 1125' FNL and 1210' FEL of Section 36, T-17S-R27E.
 - e. **Marley State Com 31 AB 005H**, to be horizontally drilled from an approximate surface hole location 2280' FSL and 1118' FEL of Section 36, T-17S-R27E.

4. The location of the proposed wells is depicted in revised C-102 Forms attached hereto as **Exhibit 4**. The C-102 Forms also indicate the locations of each surface hole, bottom hole, and the first and last take points.

I hereby affirm under penalty of perjury under the laws of the State of New Mexico that this statement is true and correct.

RYAN REYNOLDS

Dated: 9/15/2022

17 S

13 Joint or Infill

28 E

¹⁴ Consolidation Code

<u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
<u>District II</u>
811 S. First St., Artesia, NM 88210

Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

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

District IV

12 Dedicated Acres

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

EDDY

WELL LOCATION AND ACREAGE DEDICATION PLAT

1	API Number	r										
⁴ Property (Code		⁵ Property Name									
				MA	RLEY STATE	E COM 31 AB			001H			
7 OGRID	No.				8 Operator	Name				⁹ Elevation		
37221	0			LO	NGFELLOW :	ENERGY, LP				3624.1		
					10 Surface	e Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	County		
A	36	17 S 27 E 1065 NORTH 1210 EA								EDDY		
			11 I									
UL or lot no.	Section	Township Range Lot Idn Feet from the North/South line Feet from the East/V								County		

NORTH

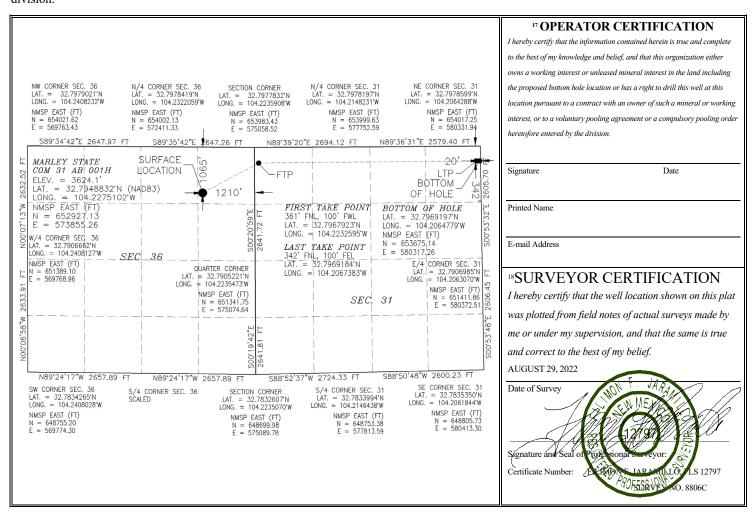
20

15 Order No.

EAST

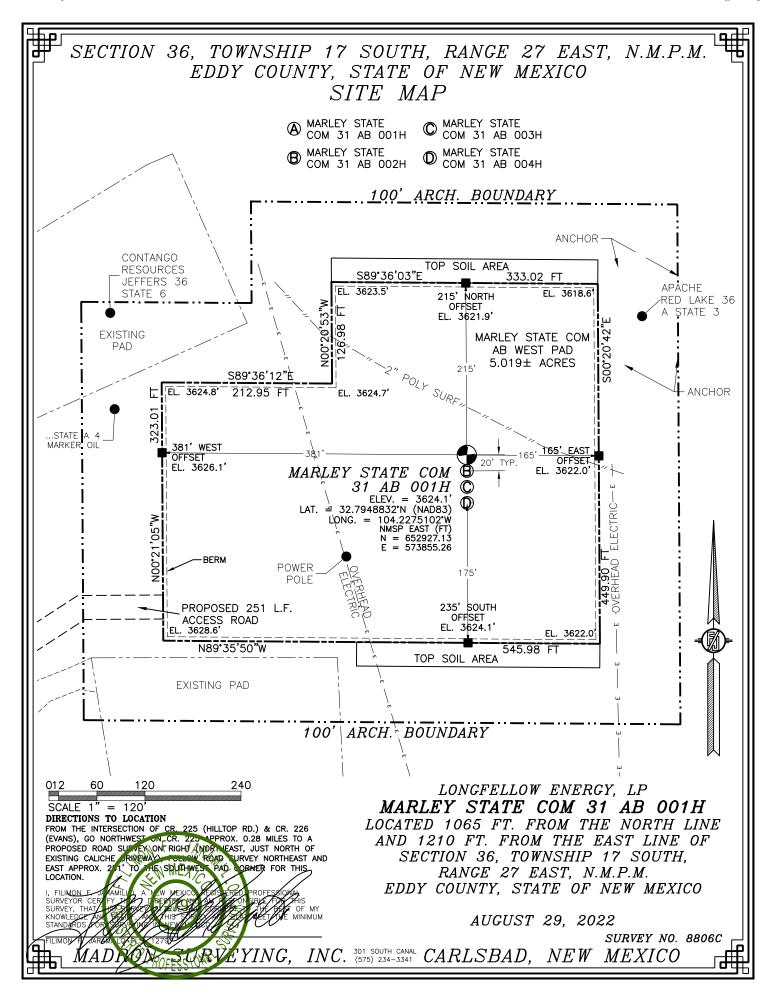
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

342

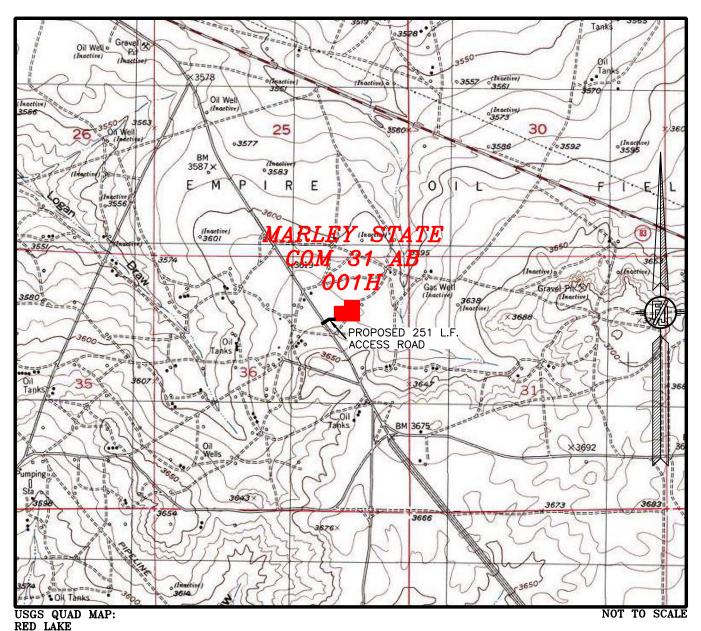


Inten	t	As Dril	led											
API#														
•	rator Nar NGFELL	ne: LOW ENI	ERGY, I	_P			erty N RLEY			СОМ	31 /	AΒ		Well Number 001H
	o ((((0.5)												
UL UL	Off Point Section	Township	Range	Lot	Feet		From N	I/S	Feet		From	n E/W	County	
Latitu	ıde				Longitu	ude							NAD	
First	Гаke Poin	it (FTP)												
UL	Section 31	Township 17S	Range 28E	Lot 1	Feet 361		From N		Feet 100		From	n E/W ST	County EDDY	
Latitu 32.7	ide 796792	3			Longitu 104.2	ude 2232	595						NAD 83	
Last T	ake Poin	t (LTP)												
UL A	Section 31	Township 17S	Range 28E	Lot	Feet 342	From		Feet 100		From E		Count		
Latitu 32.7	ide 796918	4			Longitu 104.2	ude 2067:	383	I				NAD 83		
Is this	s well the	defining v	vell for th	e Hori	zontal S _l	pacing	Unit?]				
Is this	s well an	infill well?												
	ll is yes p ng Unit.	lease prov	ide API if	availal	ole, Ope	rator N	lame :	and v	vell n	umber	for [Definir	ng well fo	r Horizontal
API#														
Ope	rator Nar	ne:	1			Prop	erty N	ame:						Well Number
														V7.00/00/200

KZ 06/29/2018



SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP

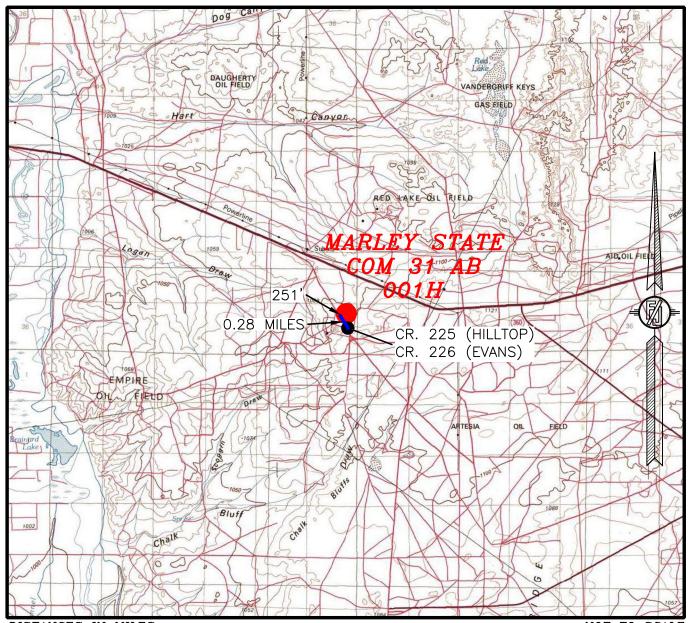


LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB 001H
LOCATED 1065 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8806C

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR. 225 (HILLTOP RD.) & CR. 226 (EVANS), GO NORTHWEST ON CR. 225 APPROX. 0.28 MILES TO A PROPOSED ROAD SURVEY ON RIGHT (NORTHEAST, JUST NORTH OF EXISTING CALICHE DRIVEWAY), FOLLOW ROAD SURVEY NORTHEAST AND EAST APPROX. 251' TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB 001H
LOCATED 1065 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8806C

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO1H
LOCATED 1065 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8806C





NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO1H
LOCATED 1065 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8806C

<u>District 1</u>
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
<u>District II</u>
811 S. First St., Artesia, NM 88210

Phone: (575) 748-1283 Fax: (575) 748-9720

<u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u>

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

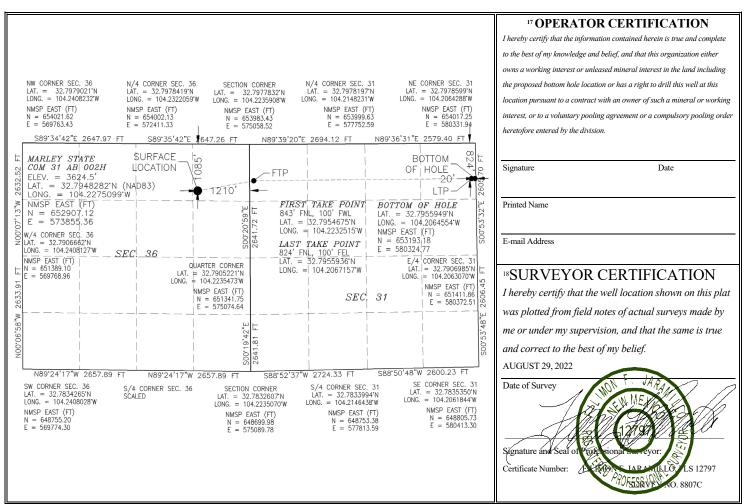
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

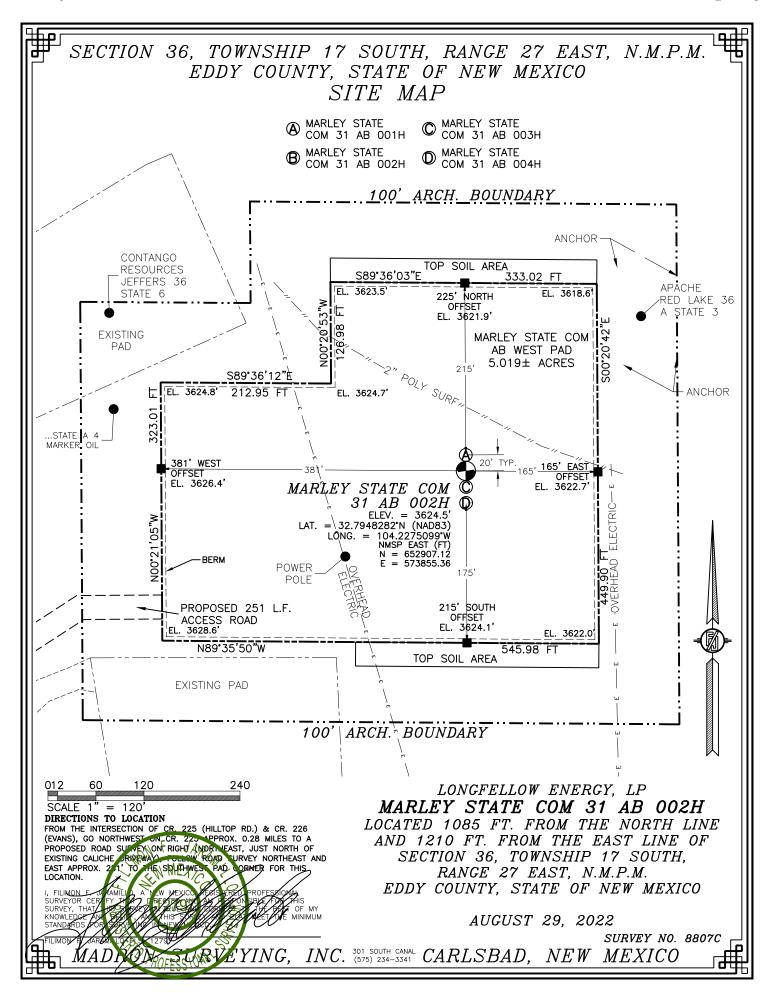
1 /	API Number	r		² Pool Code	ool Code 3 Pool Name								
⁴ Property C	Code				5 Property	Name			⁶ Well Number				
				MA	RLEY STATI	E COM 31 AB			002H				
7 OGRID N	No.		⁹ Elevation										
37221	0			LO	NGFELLOW	ENERGY, LP				3624.5			
					¹⁰ Surfac	e Location		<u> </u>					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	County			
A	36	17 S	27 E		1085	NORTH	1210	EAS	ST	EDDY			
			11 F	Bottom H	lole Location	If Different Fr	om Surface						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	County			
A	31	17 S	28 E		824	NORTH	20	EAS	ST	EDDY			
12 Dedicated Acre	s 13 Joint	or Infill	Consolidation	n Code	Code 15 Order No.								

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

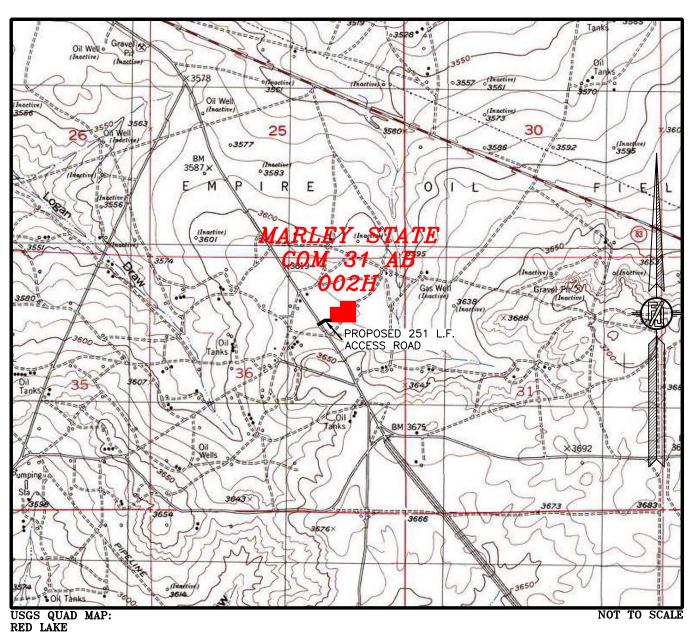


Intent	t	As Dril	led											
API#														
	rator Nar	ne: .OW ENI	ERGY, I	_P		1	erty N			СОМ	31 /	AB		Well Number 002H
Kick C	Off Point	(KOP)												
UL	Section	Township	Range	Lot	Feet		From N	I/S	Feet		Fron	n E/W	County	
Latitu	ıde				Longitu	ıde							NAD	
<u> </u>		. (575)											ı	
UL	Section	Township	Range	Lot	Feet		From N	1/S	Feet		Fron	n E/W	County	
Latitu	31	17S	28E	1	843 Longitu	I	NOR1		100		WE		EDDY NAD	
	795467	5			104.2		515						83	
Last T	ake Poin	t (LTP)												
UL A	Section 31	Township	Range 28E	Lot	Feet 824	From		Feet 100		From EAS		Count		
Latitu			1202		Longitu 104.2	ıde		1.00			<u> </u>	NAD 83	<u>. </u>	
								Г		٦				
is this	well the	defining v	vell for th	ie Horiz	zontal Sp	pacing	Unit?	L						
Is this	well an	infill well?												
	l is yes p ng Unit.	lease prov	ide API if	availab	ole, Opei	rator N	Name	and v	vell n	umbe	r for I	Definir	ng well fo	r Horizontal
API#														
Ope	rator Nar	ne:				Prop	erty N	lame:	:					Well Number

KZ 06/29/2018



SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP

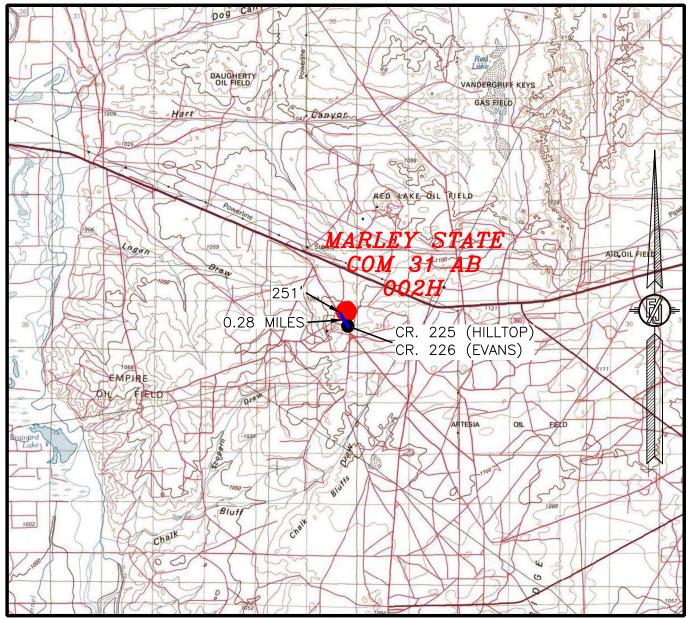


LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO2H
LOCATED 1085 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8807C

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR. 225 (HILLTOP RD.) & CR. 226 (EVANS), GO NORTHWEST ON CR. 225 APPROX. 0.28 MILES TO A PROPOSED ROAD SURVEY ON RIGHT (NORTHEAST, JUST NORTH OF EXISTING CALICHE DRIVEWAY), FOLLOW ROAD SURVEY NORTHEAST AND EAST APPROX. 251' TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO2H
LOCATED 1085 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8807C

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO2H
LOCATED 1085 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8807C





NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP

MARLEY STATE COM 31 AB OO2H

LOCATED 1085 FT. FROM THE NORTH LINE

AND 1210 FT. FROM THE EAST LINE OF

SECTION 36, TOWNSHIP 17 SOUTH,

RANGE 27 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8807C

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

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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

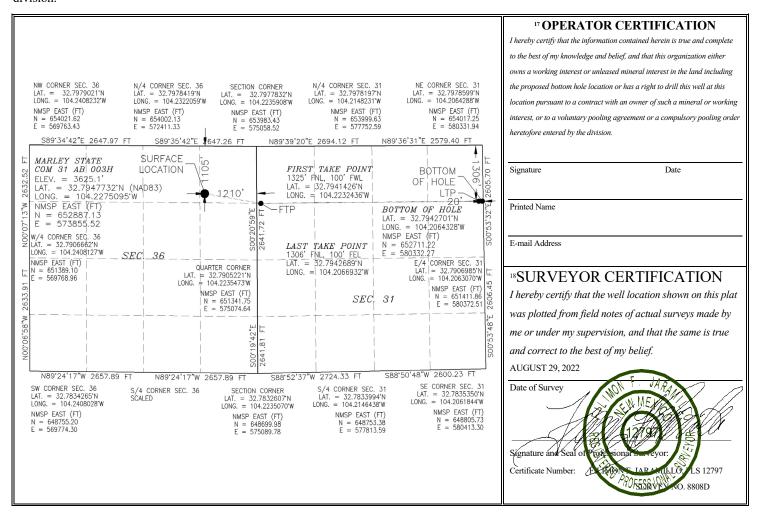
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

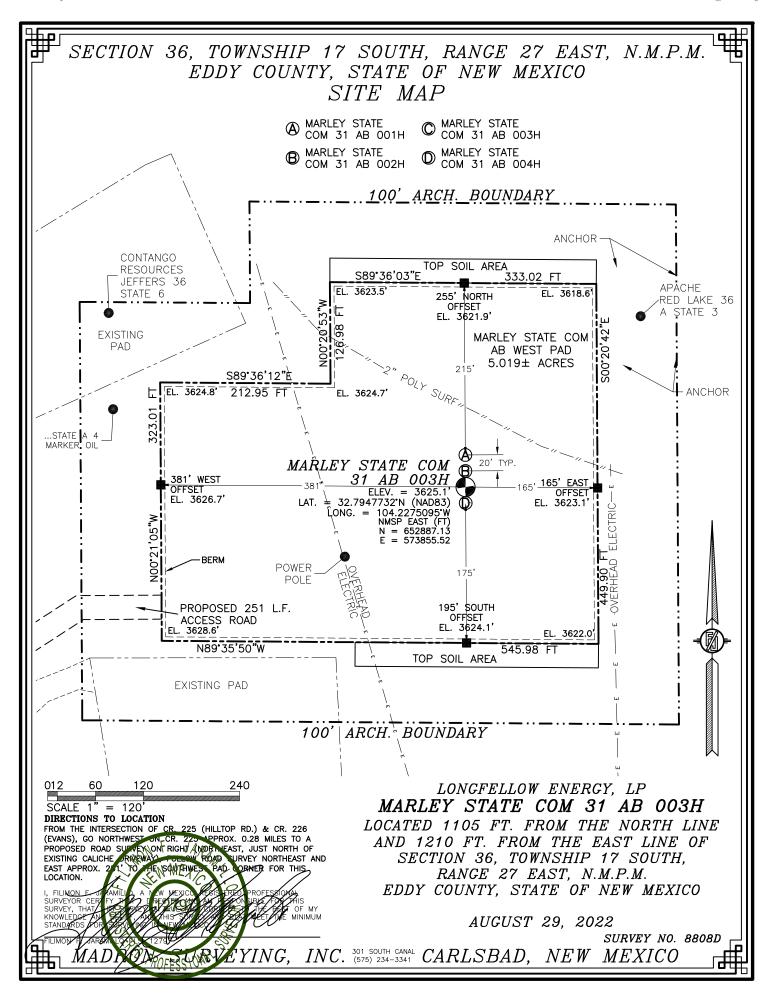
1 /	API Number	r		² Pool Code ³ Pool Name								
⁴ Property C	Code				⁵ Property	Name			⁶ Well Number			
				MA	RLEY STATI	E COM 31 AB			003H			
7 OGRID I	No.				⁸ Operator	Name				⁹ Elevation		
372210	0			LO	NGFELLOW	ENERGY, LP				3625.1		
					10 Surfac	e Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County		
A	36	17 S	27 E		1105	NORTH	1210	EAS	ST	EDDY		
			ıı F	Bottom H	lole Location	If Different Fr	om Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County		
H	31	17 S	28 E		1306	NORTH	20	EAS	ST	EDDY		
12 Dedicated Acre	s ¹³ Joint	or Infill	Infill 14 Consolidation Code 15 Order No.									

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

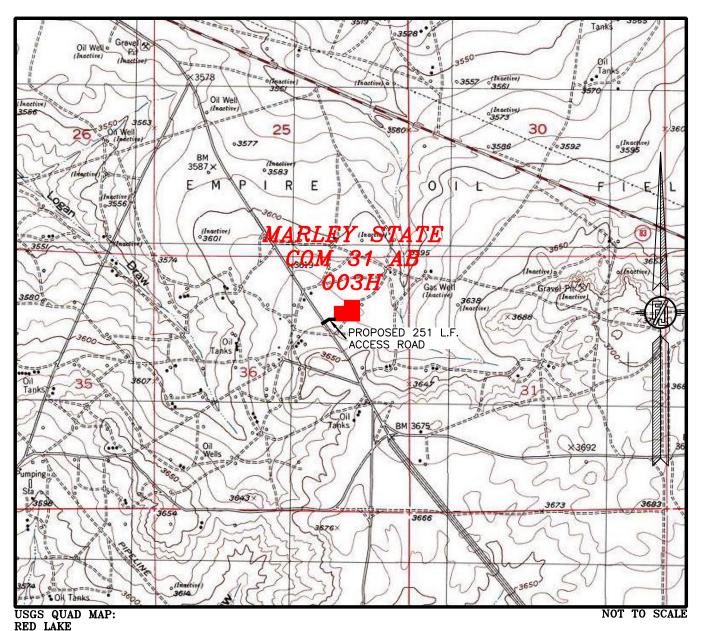


Inten	t	As Dril	led											
API#														
	rator Nai	me: LOW ENI	ERGY, I	_P			perty N			СОМ	31 /	AΒ		Well Number 003H
Kick C	Off Point	(KOP)												
UL	Section	Township	Range	Lot	Feet		From N	I/S	Feet		Fron	n E/W	County	
Latitu	ıde				Longitu	ide							NAD	
First 7	Take Poir	t (FTP) Township	Range	Lot	Feet		From N	1/5	Feet		Fron	n E/W	County	
Latitu	31	17S	28E	2	1325 Longitu	ıda	NOR		100		WE		EDDY	
	794142	6			104.2		2436						83	
Last T	ake Poin	t (LTP)												
UL	Section	Township	Range	Lot	Feet		m N/S	Feet		From		Count		
H Latitu		17S	28E		1306 Longitu	ide	RTH	100		EAS	l	NAD	Y	
32.1	794268	9			104.2	2066	0932					83		
Is this	s well the	defining v	vell for th	e Horiz	zontal Sp	oacin	g Unit?]				
Is this	s well an	infill well?												
	ll is yes p ng Unit.	lease prov	ide API if	availab	le, Oper	rator	Name	and v	vell n	umbei	for I	Definir	ng well fo	r Horizontal
API#														
Ope	rator Nai	me:	•			Pro	perty N	lame						Well Number

KZ 06/29/2018



SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP

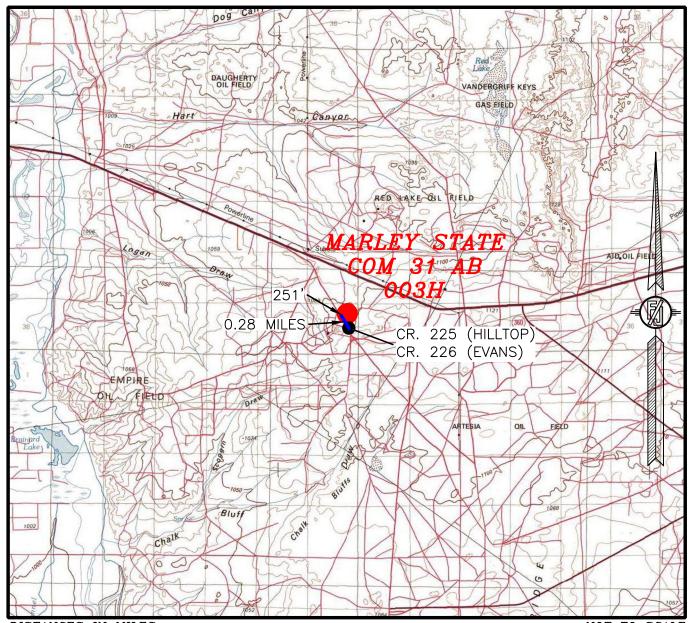


LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO3H
LOCATED 1105 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8808D

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR. 225 (HILLTOP RD.) & CR. 226 (EVANS), GO NORTHWEST ON CR. 225 APPROX. 0.28 MILES TO A PROPOSED ROAD SURVEY ON RIGHT (NORTHEAST, JUST NORTH OF EXISTING CALICHE DRIVEWAY), FOLLOW ROAD SURVEY NORTHEAST AND EAST APPROX. 251' TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO3H
LOCATED 1105 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8808D

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO3H
LOCATED 1105 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8808D





NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO3H
LOCATED 1105 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8808D

<u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
<u>District II</u>
811 S. First St., Artesia, NM 88210

Phone: (575) 748-1283 Fax: (575) 748-9720

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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		² Pool Code	³ Pool Name	
⁴ Property Code		5 P1	operty Name	⁶ Well Number
		MARLEY S	TATE COM 31 AB	004Н
⁷ OGRID No.		8 O _l	perator Name	⁹ Elevation
372210	3625.7			
372210	3023.7			

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	17 S	27 E		1125	NORTH	1210	EAST	EDDY
			п]	Bottom H	lole Location	If Different Fr	om Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Н	31	17 S	28 E		1751	NORTH	20	EAST	EDDY

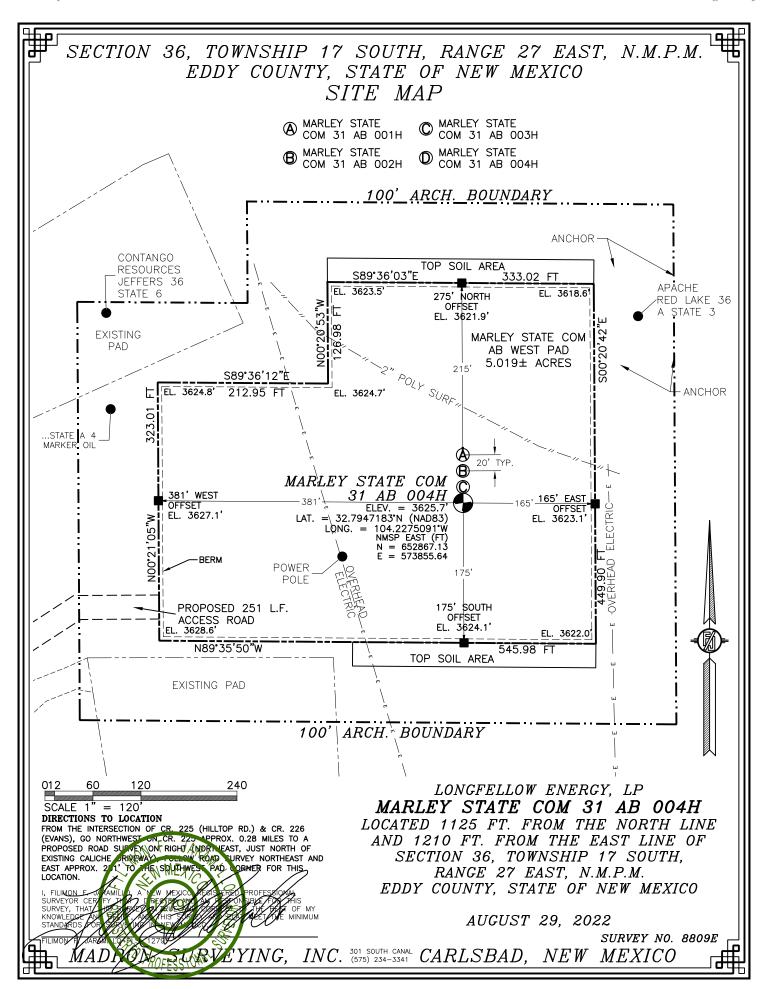
12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

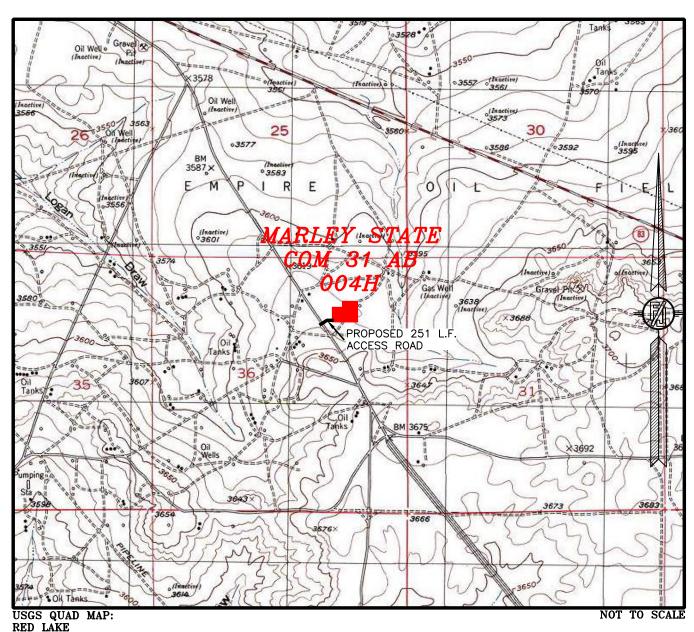
	¹⁷ OPERATOR CERTIFICATION
	I hereby certify that the information contained herein is true and complete
	to the best of my knowledge and belief, and that this organization either
	owns a working interest or unleased mineral interest in the land including
NW CORNER SEC. 36 N/4 CORNER SEC. 36 SECTION CORNER N/4 CORNER SEC. 31 NE CORNER SEC. 31 LAT. = 32.7978419'N LAT. = 32.797859'N LAT. = 32.797819'N LAT. = 32.797859'N	the proposed bottom hole location or has a right to drill this well at this
LONG. = 104.2408232'W LONG. = 104.2322059'W LONG. = 104.2235908'W LONG. = 104.2148231'W LONG. = 104.2064288'W	location pursuant to a contract with an owner of such a mineral or working
NMSP EAST (FT) NMSP EA	interest, or to a voluntary pooling agreement or a compulsory pooling order
E = 569763.43 E = 572411.33 E = 575058.52 E = 577752.59 E = 580331.94	heretofore entered by the division.
\$89'34'42"E 2647.97 FT \$89'35'42"E \$647.26 FT \$N89'39'20"E 2694.12 FT \$N89'36'31"E 2579.40 FT \$\\ \BOTTOM OF HOLE \$\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
MARLEY STATE	Signature Date
1771' FM 100' FM NUCC FACT (FT)	Signature
\sim Long. = 104.2275091 W \sim 1210 Long. = 104.2232362 W $=$ 580339.20 $=$ 1808.	
NMSP EAST (FT) 12 N = 652867.13	Printed Name
E = 573855,64	
S W/4 CORNER SEC. 36 Z LAST TAKE POINT OF HOLE	E-mail Address
LONG. = 104.2408127W SEC 36 1751' FNL, 100' FEL LAT. = 32.7930458'N E/4 CORNER SEC. 31	
UNATICE CONNER LONG. = 104.2066724"W LAT. = 32,790585"N L	18SURVEYOR CERTIFICATION
LONG. = 104.22354/3W NMSP EAST (FD) 15	I hereby certify that the well location shown on this plat
NMSP EAST (FT) N = 651341.75 SEC 31 N = 65141.86 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1
M	was plotted from field notes of actual surveys made by
00006'58"W 1000'06'58"W 1000'06'58"W 1000'06'58"W	me or under my supervision, and that the same is true
NOO'06'58"W S00'19'42"E 2641.81 FT	and correct to the best of my belief.
55 82	AUGUST 29, 2022
N89°24'17"W 2657.89 FT N89°24'17"W 2657.89 FT S88°52'37"W 2724.33 FT S88°50'48"W 2600.23 FT SW CORNER SEC. 36 S/4 CORNER SEC. 36 SFCTION CORNER S/4 CORNER SEC. 31 SE CORNER SEC. 31	Date of Survey
LAT. = 32.7835350N LAT. = 32.78350N LAT	Date of survey
NMSP EAST (FT) NMSP EAST (FT) NMSP EAST (FT) NMSP EAST (FT)	
N = 648755.20 N = 64899.98 N = 648753.38 N = 64805.73 E = 569774.30 E = 575089.78 E = 577813.59 E = 580413.30	
	Signature and Seal of Professional Surveyor:
	Certificate Number: A TARAMILLO, LS 12797
	770F558VF AO. 8809E

Intent	t	As Dril	led											
API#														
	rator Nar	ne: .OW ENI	ERGY, I	LP			erty N			СОМ	31 /	AB		Well Number 004H
Kick C	Off Point	(KOP)												
UL	Section	Township	Range	Lot	Feet		From N	I/S	Feet		Fron	n E/W	County	
Latitu	ıde				Longitu	ıde							NAD	
First 7	Take Poin	t (FTP)												
UL	Section 31	Township 17S	Range 28E	Lot 2	Feet 1771		From N		Feet 100		From	n E/W ST	County EDDY	
Latitu 32.7	^{ide} 792916	8			Longitu 104.2		362						NAD 83	
		. (. ==)												
Last T	ake Poin	t (LTP) Township	Range	Lot	Feet	From	n N/S	Feet		From	F /\\/	Count	·V	
Н	31	17S	28E	Lot	1751	NOF	RTH	100		EAS		EDD		
32.7	793045	8			Longitu 104.2		724					NAD 83		
la thia	all +h a	dofining	uall far th	vo Homir	rantal Cr		.	, [٦				
is this	well the	defining v	veii ioi ti	ie noriz	zontai Sp	pacing	Unite	<u>L</u>						
Is this	well an	infill well?												
	l is yes pl ng Unit.	lease prov	ide API if	availab	ole, Opei	rator N	Name	and v	vell n	umbei	for I	Definir	ng well fo	r Horizontal
API#														
Ope	rator Nar	me:				Prop	erty N	lame						Well Number

KZ 06/29/2018



SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



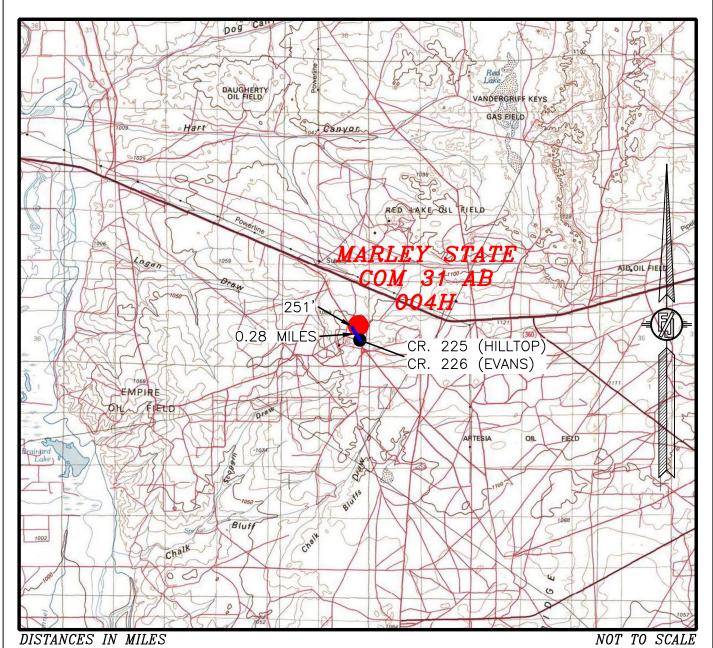
LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO4H
LOCATED 1125 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8809E

 $\textit{MADRON SURVEYING, INC.} \ \ ^{\text{301 SOUTH CANAL}}_{\text{(575) 234-3341}} \ \textit{CARLSBAD, NEW MEXICO}$

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR. 225 (HILLTOP RD.) & CR. 226 (EVANS), GO NORTHWEST ON CR. 225 APPROX. 0.28 MILES TO A PROPOSED ROAD SURVEY ON RIGHT (NORTHEAST, JUST NORTH OF EXISTING CALICHE DRIVEWAY), FOLLOW ROAD SURVEY NORTHEAST AND EAST APPROX. 251' TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB 004H
LOCATED 1125 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8809E

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO4H
LOCATED 1125 FT. FROM THE NORTH LINE
AND 1210 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8809E





NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP

MARLEY STATE COM 31 AB OO4H

LOCATED 1125 FT. FROM THE NORTH LINE

AND 1210 FT. FROM THE EAST LINE OF

SECTION 36, TOWNSHIP 17 SOUTH,

RANGE 27 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 29, 2022

SURVEY NO. 8809E

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

<u>District III</u> 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

H

12 Dedicated Acres

13 Joint or Infill

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

EDDY

WELL LOCATION AND ACREAGE DEDICATION PLAT

1,	API Number	r		² Pool Code								
⁴ Property (Code				6	Well Number						
				MA	RLEY STATI	E COM 31 AB			005H			
7 OGRID	No.				8 Operator	Name				⁹ Elevation		
37221	0			LO	NGFELLOW	ENERGY, LP				3656.0		
					10 Surfac	e Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wo	est line	County		
I	36	17 S 27 E 2280 SOUTH 1118 EA								EDDY		
			11 I									
UL or lot no.	Section	Township Range Lot Idn Feet from the North/South line Feet from the East/								County		

NORTH

20

15 Order No.

EAST

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.

2192

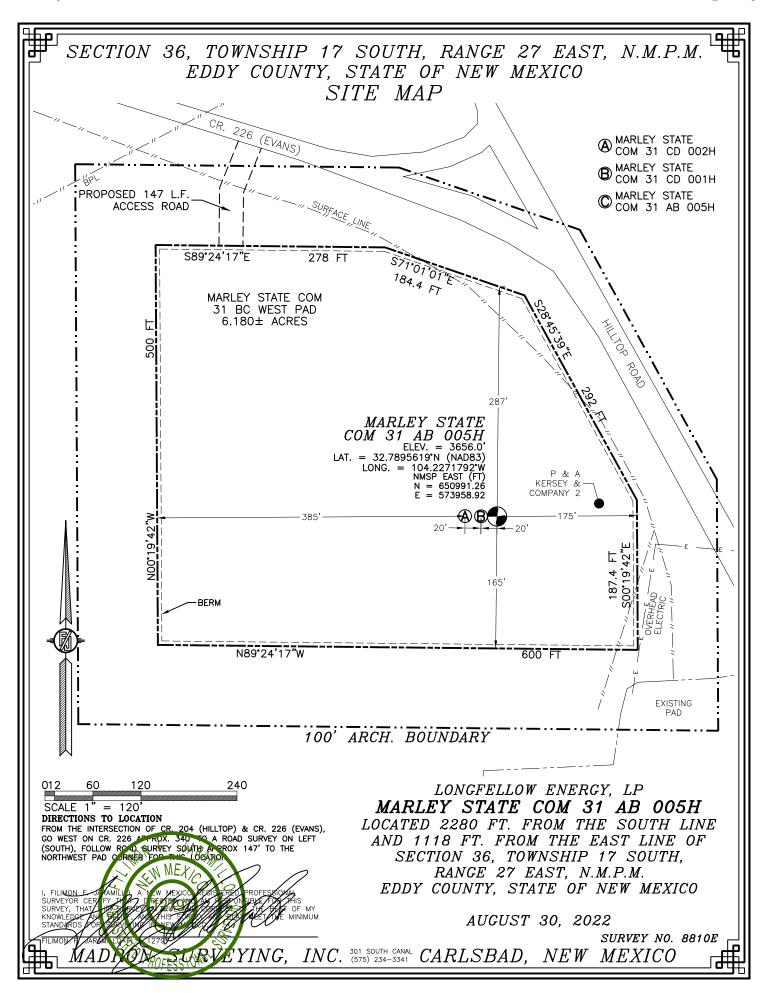
28 E

¹⁴ Consolidation Code

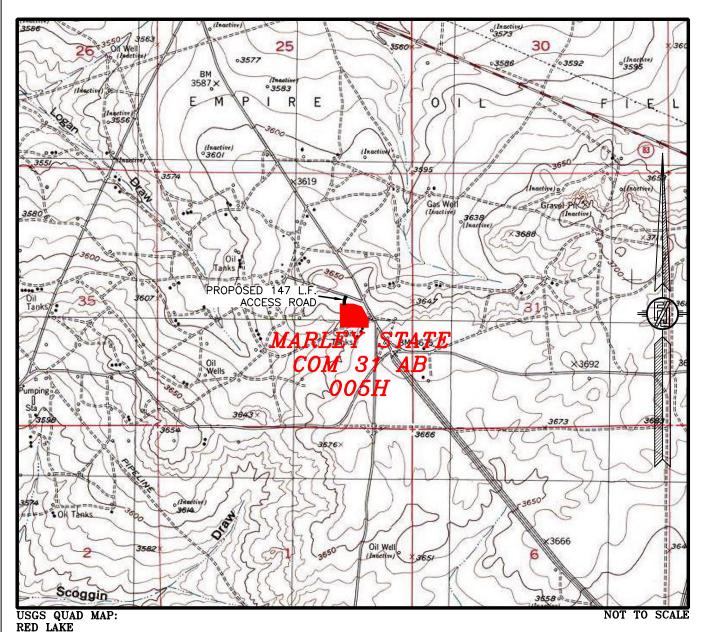
	17 OPERATOR CERTIFICATION
	I hereby certify that the information contained herein is true and complete
	, ,,,
	to the best of my knowledge and belief, and that this organization either
	owns a working interest or unleased mineral interest in the land including
NW CORNER SEC. 36 N/4 CORNER SEC. 36 SECTION CORNER N/4 CORNER SEC. 31 NE CORNER SEC. 31 LAT. = 32.7978021'N LAT. = 32.7978419'N LAT. = 32.797832'N LAT. = 32.7978197'N LAT. = 32.7978599'N	the proposed bottom hole location or has a right to drill this well at this
LONG. = 104.2408232'W LONG. = 104.2322059'W LONG. = 104.235908'W LONG. = 104.2148231'W LONG. = 104.2064288'W	location pursuant to a contract with an owner of such a mineral or working
NMSP EAST (FT) NMSP E	interest, or to a voluntary pooling agreement or a compulsory pooling order
E = 569763.43 E = 572411.33 E = 575058.52 E = 577752.59 E = 580331.94	heretofore entered by the division.
S89'34'42"E 2647.97 FT S89'35'42"E 2647.26 FT N89'39'20"E 2694.12 FT N89'36'31"E 2579.40 FT	
ш	Signature Date
	Signature Date
$\frac{1}{100}$ $\frac{1}$	
LAT. = 32.7905221'N 12 LAST TAKE POINT	Printed Name
2192' FNL 100' FEL BOTTOM	
N = 651341.75 LONG. = 104.2066518'W	E-mail Address
LONG = 104.2408127W CDG CG	E-mail Address
NMSP EAST (F) SURFACE SEC. 31	
N = 651389.10 SOUTAGE LOCATION LOCAT	18SURVEYOR CERTIFICATION
MARLEI SIAIE N = 651411.86 0	I hereby certify that the well location shown on this plat
LLS	was plotted from field notes of actual surveys made by
	me or under my supervision, and that the same is true
SOLICID 104.2271792'W	and correct to the best of my belief.
N89'24'17"W 2657.89 FT N89'24'17"W 2657.89 FT S88'52'37"W 2724.33 FT S88'50'48"W 2600.23 FT	AUGUST 30, 2022
SW CORNER SEC. 36 S/4 CORNER SEC. 36 SECTION CORNER S/4 CORNER SEC. 31 SECORNER SEC. 31	Date of Survey
LAT. = 32.7834265'N SCALED LAT. = 32.78352607'N LAT. = 32.7835994'N LAT. = 32.7835350'N LONG. = 104.2408028'W LONG. = 104.2235070'W LONG. = 104.246438'W LONG. = 104.2236070'W L	MEN MEN /
NMSP EAST (FT) NMSP E	
N = 648/55.20 N = 648699.98 N = 648/53.38 N = 648699.98 E = 575089.78 E = 577813.59	
	Signature and Seal of Processional Surveyor:
	Certificate Number: ALAMON LARAMILLO LS 12797
	PORTS NO. 8810E

Intent	i	As Dril	led											
API#														
Operator Name: LONGFELLOW ENERGY, LP							perty N RLEY	Well Number 005H						
r	off Point (T	T		T		ı					
UL	Section	ection Township Range Lot		Feet		From N/S		Feet		From E/W		County		
Latitude					Longitu	Longitude								
First T	ake Poin	t (FTP)												
UL	Section 31	Township 17S	Range 28E	Lot 2	Feet 2211		From N NOR		Feet 100		From WE	n E/W ST	County EDDY	
						Longitude NA 104.2232290 83								
Last T	ake Poin	t (LTP)												
UL H	Section Township Range Lot Feet 31 17S 28E 2192					From N/S Feet NORTH 100				From E/W County EAST EDDY				
·						itude NAD 4.2066518 83								
Is this	well the	defining v	vell for th	e Hori	zontal S _l	pacin	g Unit?							
Is this	well an i	infill well?												
	l is yes pl ng Unit.	ease provi	de API if	availal	ole, Ope	rator	Name	and v	vell n	umber	for [Definir	ng well fo	r Horizontal
API#														
Operator Name:						Property Name:								Well Number

KZ 06/29/2018



SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP

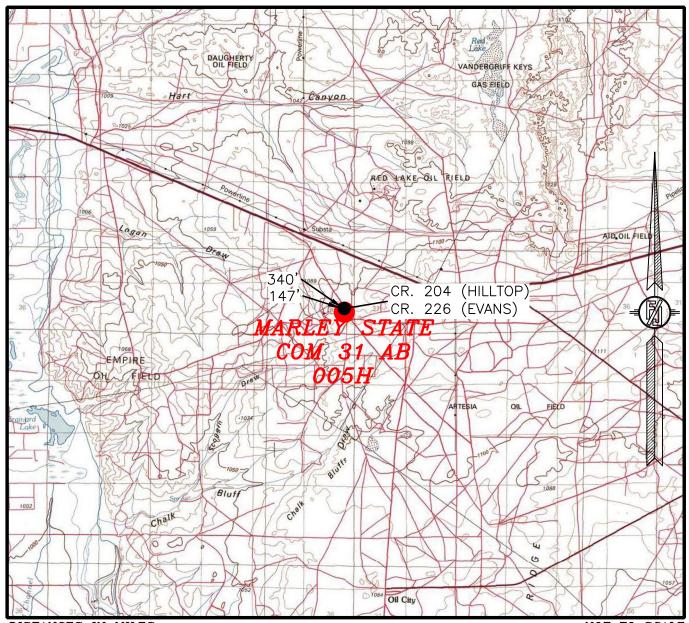


LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB 005H
LOCATED 2280 FT. FROM THE SOUTH LINE
AND 1118 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 30, 2022

SURVEY NO. 8810E

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

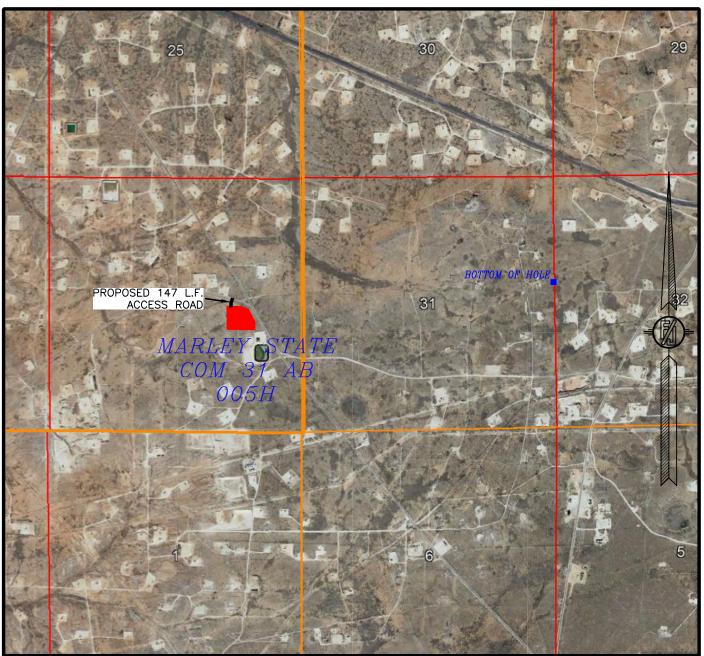
FROM THE INTERSECTION OF CR. 204 (HILLTOP) & CR. 226 (EVANS), GO WEST ON CR. 226 APPROX. 340' TO A ROAD SURVEY ON LEFT (SOUTH), FOLLOW ROAD SURVEY SOUTH APPROX 147' TO THE NORTHWEST PAD CORNER FOR THIS LOCATION.

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB OO5H
LOCATED 2280 FT. FROM THE SOUTH LINE
AND 1118 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 30, 2022

SURVEY NO. 8810E

SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP

MARLEY STATE COM 31 AB 005H

LOCATED 2280 FT. FROM THE SOUTH LINE

AND 1118 FT. FROM THE EAST LINE OF

SECTION 36, TOWNSHIP 17 SOUTH,

RANGE 27 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 30, 2022

SURVEY NO. 8810E





NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH DEC. 2019

LONGFELLOW ENERGY, LP
MARLEY STATE COM 31 AB 005H
LOCATED 2280 FT. FROM THE SOUTH LINE
AND 1118 FT. FROM THE EAST LINE OF
SECTION 36, TOWNSHIP 17 SOUTH,
RANGE 27 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 30, 2022

SURVEY NO. 8810E