

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 and Natural Resources

## Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address Longfellow Energy, LP 8115 Preston Rd., Suite 800 Dallas TX 75001 (214) 265-4715		<sup>2</sup> OGRID Number 372210
		<sup>3</sup> API Number 30-015-26397
<sup>4</sup> Property Code	<sup>5</sup> Property Name Muskegon 20 State Com	<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	20	17 S	29 E		1980	N	660	E	Eddy

<sup>8</sup> Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	20	17 S	29 E		1980	N	660	E	Eddy

<sup>9</sup> Pool Information

Pool Name SWD; Cisco	Pool Code 96099
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<sup>11</sup> Work Type P, then A	<sup>12</sup> Well Type S	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3605'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 9465'	<sup>18</sup> Formation Cisco	<sup>19</sup> Contractor to be determined	<sup>20</sup> Spud Date 5-1-22
Depth to Ground water 76' in RA 11807 POD 1		Distance from nearest fresh water well 1.39 mi. northwest of RA 11807 POD 1		Distance to nearest surface water ≈1 mi. NW of playas

☒ A closed-loop system will be used in lieu of a lined pit.<sup>21</sup> Proposed Casing and Cement Program

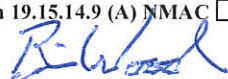
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5"	13.375"	48# H-40	GL - 445'	1050	GL
Intermediate	12.25"	8.625"	24# J-55	GL - 2594'	1450	GL
Production	7.875"	5.5"	17# S-95, N-80, K-55	GL - 10950'	1000	2900'

## Casing/Cement Program: Additional Comments

No mud needed. Will set CIBP @ 9500' &amp; top with 35' cmt. Will perf Cisco 9080' - 9395' and set packer at 9050'

<sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure (psi)	Test Pressure (psi)	Manufacturer
double hydraulic/blinds, pipe	3000-5000	3000	tbd

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  
 I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☒, if applicable.  
 Signature: 

Printed name: Brian Wood

Title: Consultant

E-mail Address: brian@permitswest.com

Date: 3-26-22

Phone: 505 466-8120

## OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

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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

<sup>1</sup> API Number <b>30-015-26397</b>	<sup>2</sup> Pool Code <b>96099</b>	<sup>3</sup> Pool Name <b>SWD; CISCO</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>MUSKEGON 20 STATE COM</b>	<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>372210</b>	<sup>8</sup> Operator Name <b>LONGFELLOW ENERGY, LP</b>	<sup>9</sup> Elevation <b>3605'</b>

<sup>10</sup> Surface Location

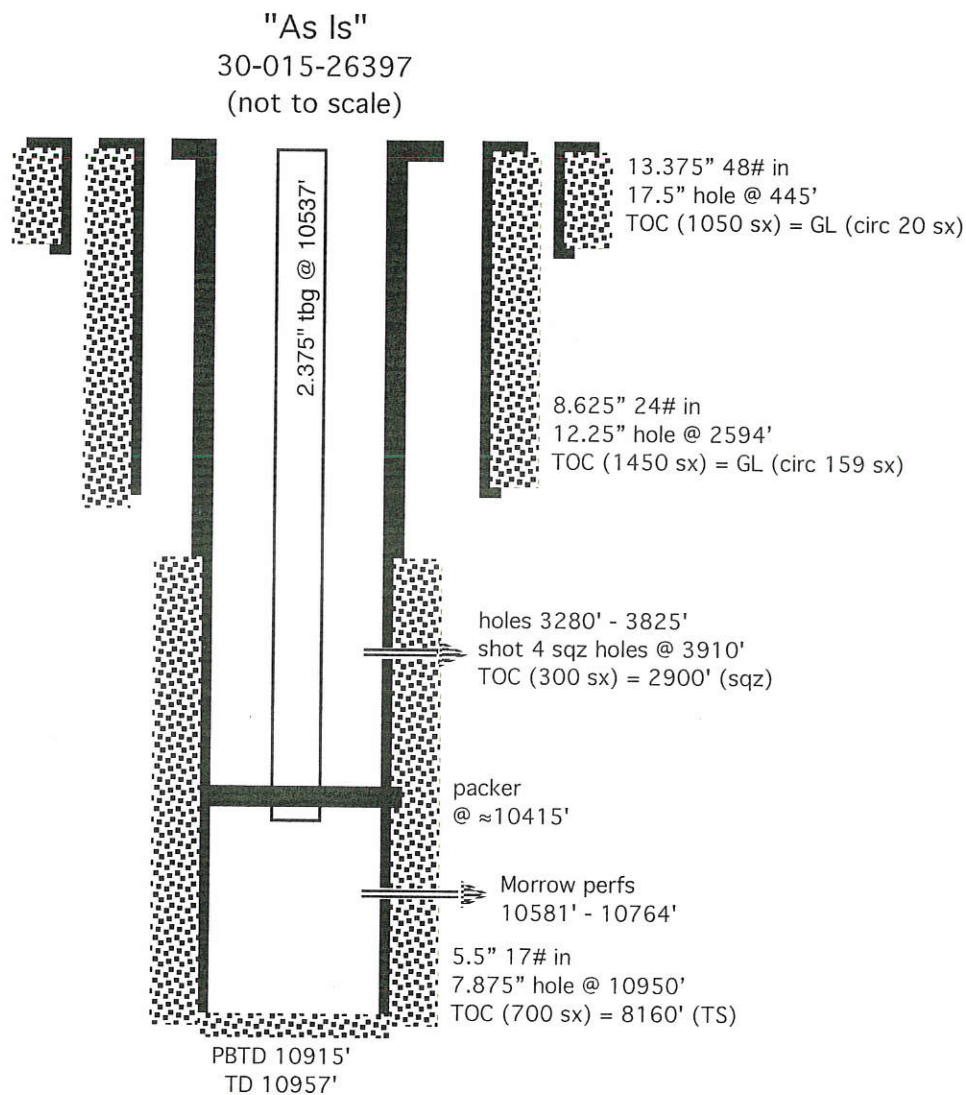
UL or lot no. <b>H</b>	Section <b>20</b>	Township <b>17 S</b>	Range <b>29 E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>NORTH</b>	Feet from the <b>660</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

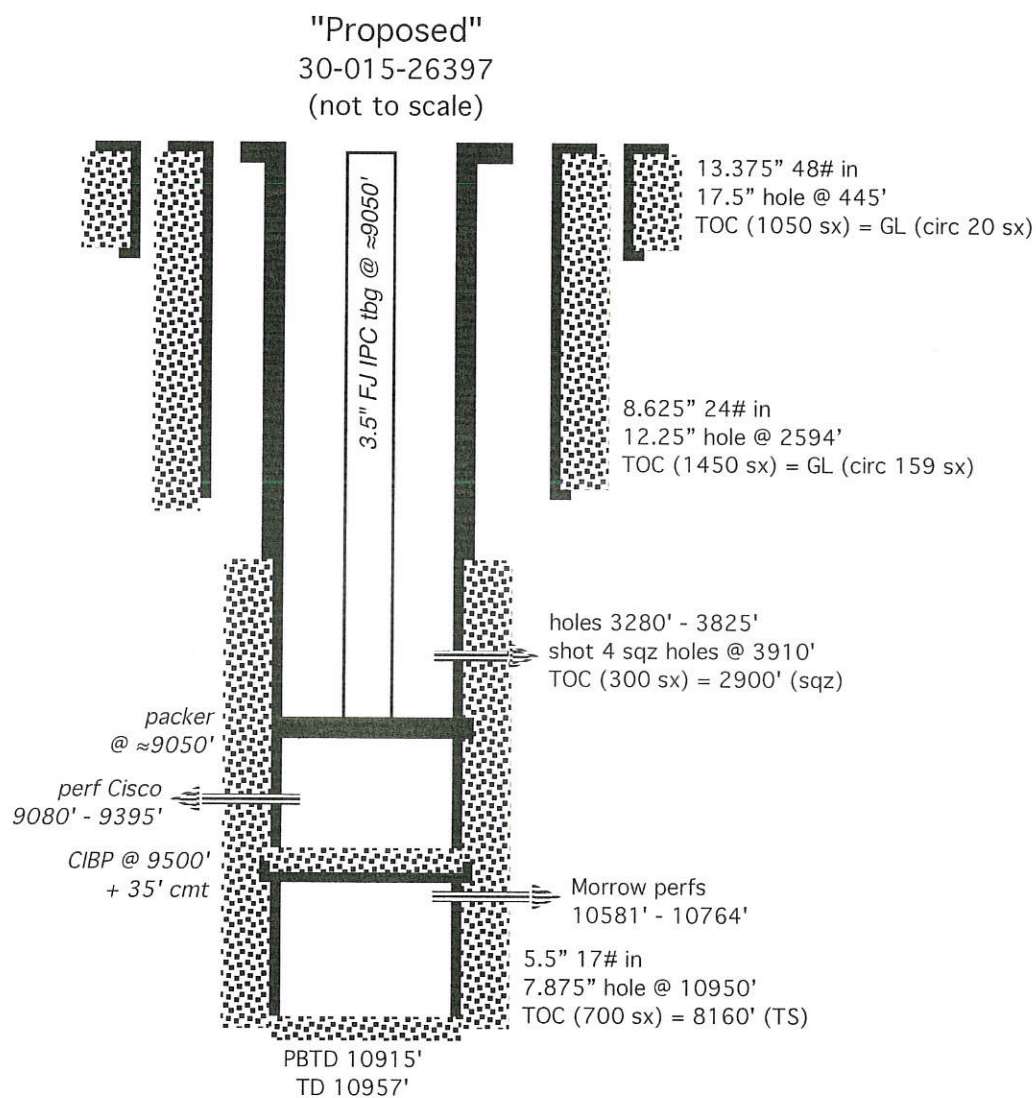
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. <b>SWD-2408</b>						

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.

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION <i>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>  <b>3-26-22</b> Signature Date <b>BRIAN WOOD</b> Printed Name <b>brian@permitswest.com</b> E-mail Address <b>505 466-8120</b>	
	<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i> <b>5-29-90</b> Date of Survey Signature and Seal of Professional Surveyor: <b>Original survey by John W. West #676 is on file with NMOCD.</b> Certificate Number	







**MUSKEGON 20 STATE COM 1 FORMATION TOPS**

Quaternary = 0'

Rustler = 360'

Salt = 395'

Yates = 855'

Seven Rivers = 1105'

Queen = 1690'

Grayburg = 2062'

San Andres = 2346'

Glorieta = 3795'

Yeso = 3867'

Blaine = 4445'

Tubb = 5320'

Abo = 6019'

Wolfcamp = 7131'

Cisco = 8781'

*Proposed Disposal Zone = 9080' – 9395'*

CIBP: 9500' + 35' of cement

Canyon = 9560'

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**Energy, Minerals and Natural Resources**  
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COMMENTS

Action 93255

COMMENTS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 93255
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

COMMENTS

Created By	Comment	Comment Date
kpickford	SWD-2408	3/30/2022

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CONDITIONS  
  
Action 93255

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Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 93255
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/30/2022