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

Form C-101
 Revised July 18, 2013

JUL 27 2018

RECEIVED

☐ AMENDED REPORT

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

1. Operator Name and Address Longfellow Energy, LP 16803 Dallas Parkway Addison, TX 75001		2. OGRID Number 372210
		3. API Number 30-015-33207
4. Property Code 25339	5. Property Name State '20E'	6. Well No. 3

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	20	17 S	29 E		925	North	1700	West	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	20	17 S	29 E		925	North	1700	West	Eddy

9. Pool Information

Pool Name GRAYBURG JACKSON-SR-Q-G-SA	Pool Code 28509
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Additional Well Information

11. Work Type P	12. Well Type O	13. Cable/Rotary R	14. Lease Type S	15. Ground Level Elevation 3626'
16. Multiple N	17. Proposed Depth 3880'	18. Formation San Andres	19. Contractor Unknown	20. Spud Date Upon Approval
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

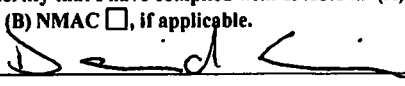
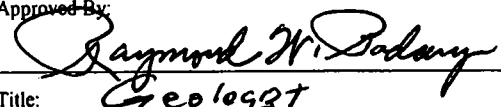
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12 1/4"	8 5/8"	24#	330'	350	Surface
Production	7 7/8"	5 1/2"	17#	4328'	1000	Surface

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Manual	3000	3000	Senital

23. 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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: 		OIL CONSERVATION DIVISION Approved By:  Title: <u>Geologist</u> Approved Date: <u>7-27-18</u> Expiration Date: <u>7-27-20</u>	
Printed name: David Cain			
Title: Engineering Technologist			
E-mail Address: david.cain@longfellowenergy.com			
Date: 7/25/2018	Phone: 214-265-4715	Conditions of Approval Attached	