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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
 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

Form C-101
 Revised July 18, 2013

Energy Minerals and Natural Resources
NM OIL CONSERVATION
 Oil Conservation Division **ARTESIA DISTRICT** AMENDED REPORT
 1220 South St. Francis Dr. JUL 27 2018
 Santa Fe, NM 87505

RECEIVED

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
4. Property Code 25339		3. API Number 30-015-33207
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

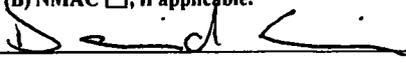
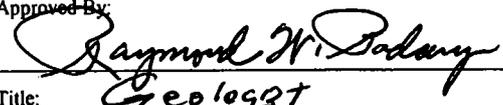
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12 1/4"	8 5/8"	24#	330'	350	Surface
Production	7 7/8"	5 1/2"	17#	4328'	1000	Surface

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:  Printed name: David Cain Title: Engineering Technologist E-mail Address: david.cain@longfellowenergy.com Date: 7/25/2018	OIL CONSERVATION DIVISION	
	Approved By: 	
	Title: Geologist	
	Approved Date: 7-27-18	Expiration Date: 7-27-20
	Date: 7/25/2018 Phone: 214-265-4715	

Conditions of Approval Attached