


Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources  Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
		1. WELL API NO. 30-015-33215			2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN					
		3. State Oil & Gas Lease No. 25339								
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name State '20B'			6. Well Number:  19			
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator Longfellow Energy, LP				9. OGRID 372210						
10. Address of Operator 16803 Dallas Parkway Addison, TX 75001				11. Pool name or Wildcat GRAYBURG JACKSON-SR-Q-G-SA						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	20	17S	29E		1010	North	2310	East	Eddy
BH:	B	20	17S	29E		1010	North	2310	East	Eddy
13. Date Spudded 2/09/2004	14. Date T.D. Reached <del>2/17/2014</del> 2/16/2004	15. Date Rig Released 2/25/2004			16. Date Completed (Ready to Produce) 8/25/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3617'			
18. Total Measured Depth of Well 4337'		19. Plug Back Measured Depth <del>4294'</del> 3803'			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run			
22. Producing Interval(s), of this completion - Top, Bottom, Name 2556' - 2700', San Andres										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
8 5/8"		24#		335'		12 1/4"		350 sx		None
5 1/2"		17#		4337'		7 7/8"		1060 sx		None
<b>24. LINER RECORD</b>						<b>25. TUBING RECORD</b>				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8"	2804'			
26. Perforation record (interval, size, and number) 2556' - 2700', .35, 30						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						2556' - 2700'		5630 bbls + 132,420 lbs of 40/70 & 100 Mesh		
<b>28. PRODUCTION</b>										
Date First Production 8/25/2020		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) Pumping, 1 1/2" - RHBC				Well Status ( <i>Prod. or Shut-in</i> ) Producing				
Date of Test 9/3/2020	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 23	Gas - MCF 28	Water - Bbl. 109	Gas - Oil Ratio 1217			
Flow Tubing Press.	Casing Pressure 25	Calculated 24-Hour Rate	Oil - Bbl. 23	Gas - MCF 23	Water - Bbl. 109	Oil Gravity - API - ( <i>Corr.</i> ) 38				
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) Sold							30. Test Witnessed By Ralph Trammel			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD83				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 		Printed Name		David Cain		Title		Engineering Technologist		Date 9/18/20
E-mail Address david.cain@longfellowenergy.com							ab 12/07/2020			

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg 2053	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2358	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3792	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 3915	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....  
No. 2, from.....to..... No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology