

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Longfellow Energy LP 8115 Preston Road, Suite 800 Dallas, TX 75225		² OGRID Number 372210
		³ Reason for Filing Code/ Effective Date NW 6/2021
⁴ API Number 30 – 015-47481	⁵ Pool Name Empire; Glorieta - Yeso	⁶ Pool Code 96210
⁷ Property Code 329704	⁸ Property Name Hendrix State Com 13 CD	⁹ Well Number 001H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	14	17S	28E		1387	South	175	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	13	17S	28E	I	2319	South	27	East	Eddy
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 6/14/2021	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
33479	Holly Frontier Refining and Marketing LLC 10 Desta Drive, Suite 350 W Midland, TX 79705	Oil
36785	DCP Operating Company LP	Gas

IV. Well Completion Data

²¹ Spud Date 3/21/2021	²² Ready Date 6/17/2021	²³ TD 4058'V/9474'M	²⁴ PBDT 4058'V/9433'M	²⁵ Perforations 4371'-9351'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	9-5/8"	1260'	1112		
8-3/4"	7"	3207'	2010		
8-3/4"	5-1/2"	9474'	2010		
	2-7/8"	3017'			

V. Well Test Data

³¹ Date New Oil 6/22/2021	³² Gas Delivery Date 7/3/2021	³³ Test Date 7/15/2021	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure 305	³⁶ Csg. Pressure 195
³⁷ Choke Size NA	³⁸ Oil 245	³⁹ Water 3989	⁴⁰ Gas 243		⁴¹ Test Method Pumping

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:



Printed name:

David Cain

Title:

Regulatory Manager

E-mail Address:

David.cain@longfellowenergy.com

Date:

6/30/2021

Phone:

(972) 590-9900

OIL CONSERVATION DIVISION

Approved by:

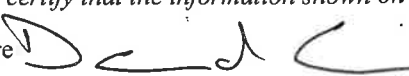
KURT SIMMONS

Title:

NMOCD, SANTA FE

Approval Date:

09/02/2021

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 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. 30-015-47481				
								2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN				
								3. State Oil & Gas Lease No.				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG												
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (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 Hendrix State Com 13CD				
								6. Well Number: 001H				
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER												
8. Name of Operator Longfellow Energy, LP								9. OGRID 372210				
10. Address of Operator 8115 Preston Rd, Suite 800, Dallas, TX 75225								11. Pool name or Wildcat Empire; Glorieta-Yeso				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County		
Surface:	I	14	17 S	28 E		1387	South	175	East	Eddy		
BH:	I	13	17 S	28 E		2319	South	27	East	Eddy		
13. Date Spudded 3/21/2021	14. Date T.D. Reached 3/31/2021	15. Date Rig Released 4/1/2021		16. Date Completed (Ready to Produce) 6/2/2021		17. Elevations (DF and RKB, RT, GR, etc.)		3635				
18. Total Measured Depth of Well 9490'			19. Plug Back Measured Depth 9449'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run Mudlog				
22. Producing Interval(s), of this completion - Top, Bottom, Name 4371'-9352' Yeso												
23. CASING RECORD (Report all strings set in well)												
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
9-5/8"		36#		1260'		12-1/4"		1112sxs cmt to surf		0		
7"		32#		3207'		8-3/4"		2010sxs cmt to surf		0		
5-1/2"		20#		9477'		8-3/4"		2010sxs cmt to surf		0		
24. LINER RECORD						25. TUBING RECORD						
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET					
						2-7/8"	3017'					
26. Perforation record (interval, size, and number) 9352-9171, 9149-8977, 8951-8771, 8750-8573, 8552-8369, 8350-8171, 8150-7968, 7949-7791, 7772-7611, 7589-7433, 7412-7251, 7232-7071, 7049-6891, 6869-6711, 6691-6534, 6512-6351, 6332-6171, 6149-5991, 5971-5811, 5788-5631, 5612-5455, 5432-5271, 5252-5093, 5072-4911, 4889-4731, 4712-4551, 4527-4371.						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4371'-9352' Frac is 27 stages w/ 466516bbls slickwater and 7838970# sand						
28. PRODUCTION												
Date First Production 6/22/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Electric Submersible Pump				Well Status (Prod. or Shut-in) Prod						
Date of Test 7/15/2021	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 245	Gas - MCF 243	Water - Bbl. 3989	Gas - Oil Ratio					
Flow Tubing Press. 305	Casing Pressure 195	Calculated 24-Hour Rate	Oil - Bbl. 243	Gas - MCF 243	Water - Bbl. 3989	Oil Gravity - API - (Corr.)						
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By Jarrett Webb				
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 Regulatory Manager			Date 7/16/2021			
E-mail Address david.cain@longfellowenergy.com												

Released to Imaging: 9/2/2021 1:30:39 PM

Received by OCD: 7/16/2021 4:17:53 PM

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	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2309'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3754'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 3823'	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	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

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.....

From	To	Thickness In Feet	Lithology

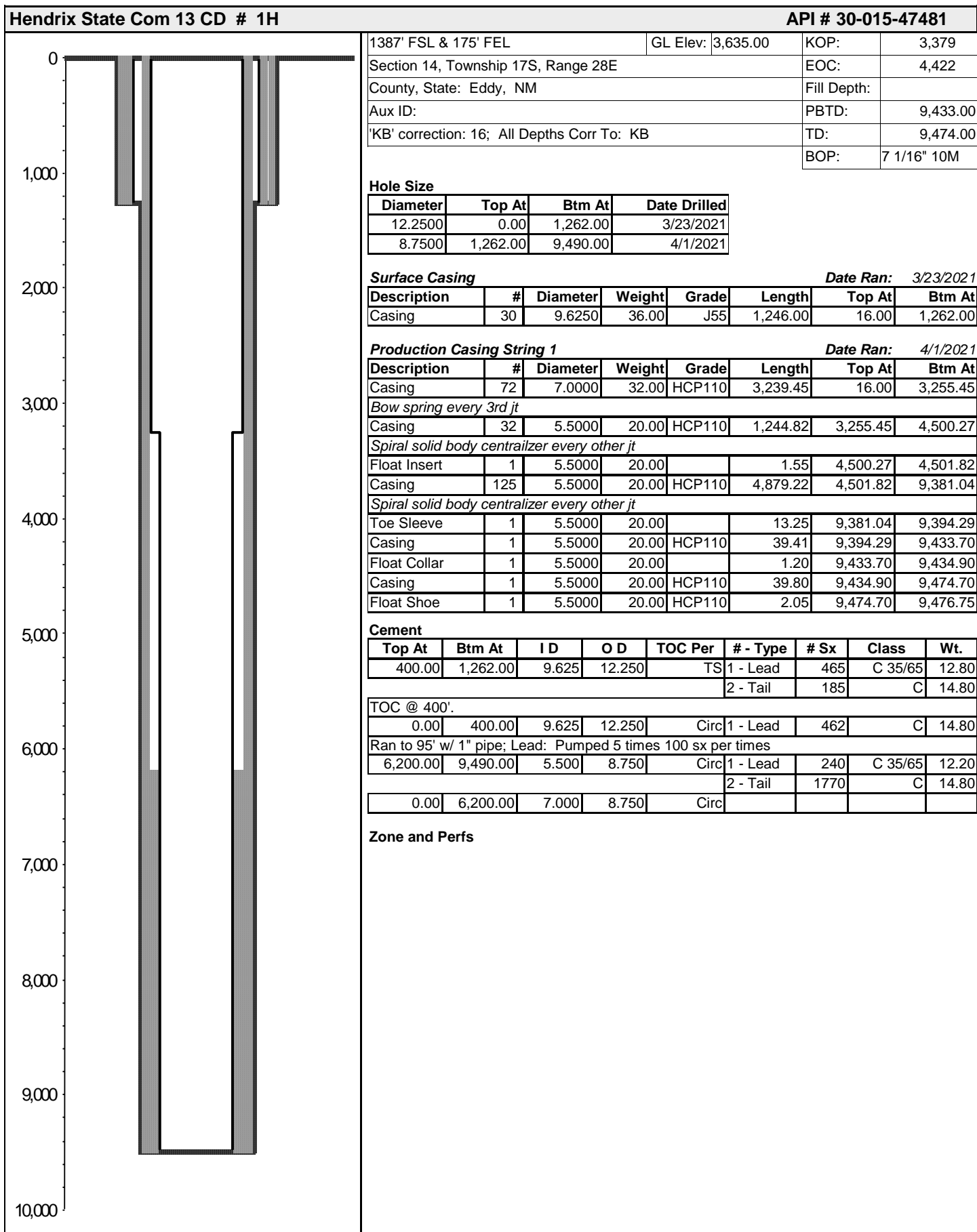
From	To	Thickness In Feet	Lithology

Page 3 of 3

Wellbore Schematic (From Surface to TD)

Printed: 4/5/2021

Page 1



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

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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ACKNOWLEDGMENTS

Action 34588

ACKNOWLEDGMENTS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 34588
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 34588

CONDITIONS

Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225	OGRID: 372210
	Action Number: 34588
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	Submit mudlog through normal channel, not attached to C-104.	9/2/2021