

NM OIL CONSERVATION

State of New Mexico ARTESIA DISTRICT  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OCT 09 2018

RECEIVED

OIL CONSERVATION DIVISION  
1220 South St. Francis  
Santa Fe, NM 87505

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

WELL API NO. 30-015-30919
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-6846
7. Lease Name or Unit Agreement Name State '20-B'
8. Well Number 2
9. OGRID Number 372210
10. Pool name or Wildcat (28509) Grayburg Jackson 7RVS-QN-GB-SA

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
Longfellow Energy, LP

3. Address of Operator 16803 Dallas Parkway  
Addison, TX, 75001

4. Well Location  
Unit Letter H : 2285 feet from the North line and 330 feet from the East line  
Section 20 Township 17S Range 29E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3602' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <u>Abandon perms; same zone recompl</u> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- \* 1. Set CIBP @ 2100' w/ <sup>35'</sup> cement to abandon perms 2230-2269' and 2363-3129'
- 2. Perforate lower 7 Rivers 1132' - 1207'
- 3. RIH w/ packer and tubing
- 4. Stimulate 7 Rivers
- 5. Swab 7 Rivers
- 6. POOH w/ packer
- 7. Run tubing pump and rods
- 8. Start pumping well
- \* Set CTSP @ 3300' and csp with 35' of cement to abandon perforations 3513-3768 and 3805-4194'

Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David Cain TITLE Engineering Technologist DATE 10/5/2018

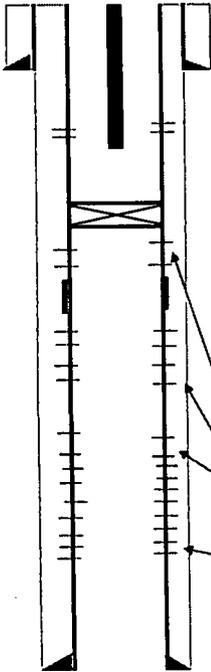
Type or print name David Cain E-mail address: david.cain@longfellowenergy.com PHONE: 972-590-9900

APPROVED BY Raymond R. Rodany TITLE Geologist DATE 10/9/18

Conditions of Approval (if any):

**Proposed State 20 B #2 WBD**

Tubulars:



**Surface Casing:**

8 5/8" 24# @ 338'. TOC = Surface

**Production Casing:**

5 1/2" 17# J-55 @ 4994'. ID= 4.892". Drift Diameter= 4.767". Burst= 5320#. Max Pressure = 4200#.

DV Tool @ 2602'

TOC = Surf. Circ'd cmt on both stages.

**7 Rivers Perfs:**

1132' - 1207'

CIBP @ 2100' w/ 20' cmt.

**Well History:**

Well was drilled in 2/2000.

Hot acid stimulated in Yeso in 2/16/2000. Put on rod pump.

Frac'd the San Andres and Greyburg in 4/2000. Put on rod pump.

Commingled San Andres/Greyburg with Yeso in 6/2000.

Currently producing .5 BOPD+ 10 MSCFD + 1 BWPD

**San Andres/Greyburg Perfs**

2230' - 2269'

2363' - 3129'

3513' - 3768'

**Yeso Perfs:**

Perfs: 3805' - 4194'

**Tubing String:**

2 7/8" J-55 6.5# 8rd EUE to 1300'

Grayburg 2062  
SA 2337  
Glowacka 3803