

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

State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised July 18, 2013

| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|
| 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.) | | WELL API NO. 30-015-26397 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD | | 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator Longfellow Energy, LP | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator 8115 Preston Rd., Suite 800, Dallas TX 75001 | | 7. Lease Name or Unit Agreement Name Muskegon 20 State Com |
| 4. Well Location Unit Letter H : 1980 feet from the North line and 660 feet from the East line Section 20 Township 17 S Range 29 E NMPM County Eddy | | 8. Well Number 1 |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3605' GR | | 9. OGRID Number 372210 |
| 10. Pool name or Wildcat SWD; Cisco | | |

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: SWD Conversion ☒

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.

See attached page

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 & Regulatory Specialist

DATE

10-11-2023

Type or print name

David Cain

E-mail address:

david.cain@longfellowenergy.com

PHONE:

972-590-9918

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

Muskegon 20 State Com 1
30-015-26397
Subsequent SWD Conversion Procedure

- 8/22/2022 Pull 2 3/8" tbg out of well.
- 8/24/2022 Set CIBP @ 9500' and tested casing. Injecting fluid into well.
- 8/26/2022 Ran CBL and found TOC @ 8140' & squeeze cement from 4000' – 2540'.
- 9/21/2022 Performed two stages of remedial cementing 7900' – 4100'.
- 10/6/2022 Drilled out CICRs, CBPs and cement. Tested casing to 660 psi. Minimal leak-off on casing. Ran CBL. Good cement from 8100' – 2540'.
- 10/22/2022 Performed 3 stages of acid stimulation from 9395' – 9080'. Total acid was 56,000 gal of 20% & 28% acid.
- Set Wireline RBP @ 9015'
- 11/17/2022 Performed two stage resin cementing operation from 5400' – 5300' & 4000' – 2500'. Drilled out resin and CBPs. Tested casing to 660 psi and held
- Pulled WRBP @ 9015'. Set Packer @ 9023' and RIH w/ 3 1/2" injection string.
- 12/12/2022 Attempted multiple pressure tests and would not hold pressure.
- Unset packer and reset packer @ 8990'. Unlatched off packer and POOH w/ 3 1/2" tbg. RIH w/ 5.5" packer and 2 3/8" tbg.
- Test packer and casing. Found multiple small leaks @ packer depth, 7900' and between 4000' – 3000' (<.5 psi/min). Decision to retest with 3.5". POOH and L/D 2 3/8"
- 1/23/2023 RIH w/ 3 1/2" tubing and latch onto packer. Tested to 800 psi. Leaked off .5 – 1 psi/min and would not stabilize. Decision to test if 4.5" Flush Jt casing would run into well.
- Unlatch off packer and POOH w/ 3 1/2" tbg. P/U 4 3/4" bit, 3 x 4 3/4" reamers and 3 1/2" DCs and 2 7/8" PH6. RIH to 8907' and did not tag.
- 1/26/2023 RIH w/ 3 1/2" tbg and latch onto packer. POOH w/ 3.5" tbg and packer. Set CBP @ 9050' acid.
- 5/9/2023 RIH w/ 4 3/4" bit and 2 3/8" tbg. Tag CBP and circ well clean.
- M/U 4.5" flush jt 12.6# casing. Tag CBP @ 9048'.
- 5/17/2023 Pump 129 bbls of 13 ppg cement. Circulated 217 sx of cement to surf
- 5/30/2023 P/U 3 3/4" bit and 6 x 3 1/8" DCs. Tag Cement @ 8406'. Drill out to 9406'.
- 6/6/2023 P/U 4.5" AS-1X Injection packer and 2 7/8" 7.9# & 6.5# tbg. Set pkr @ 9022'. Test casing to 1800 psi.

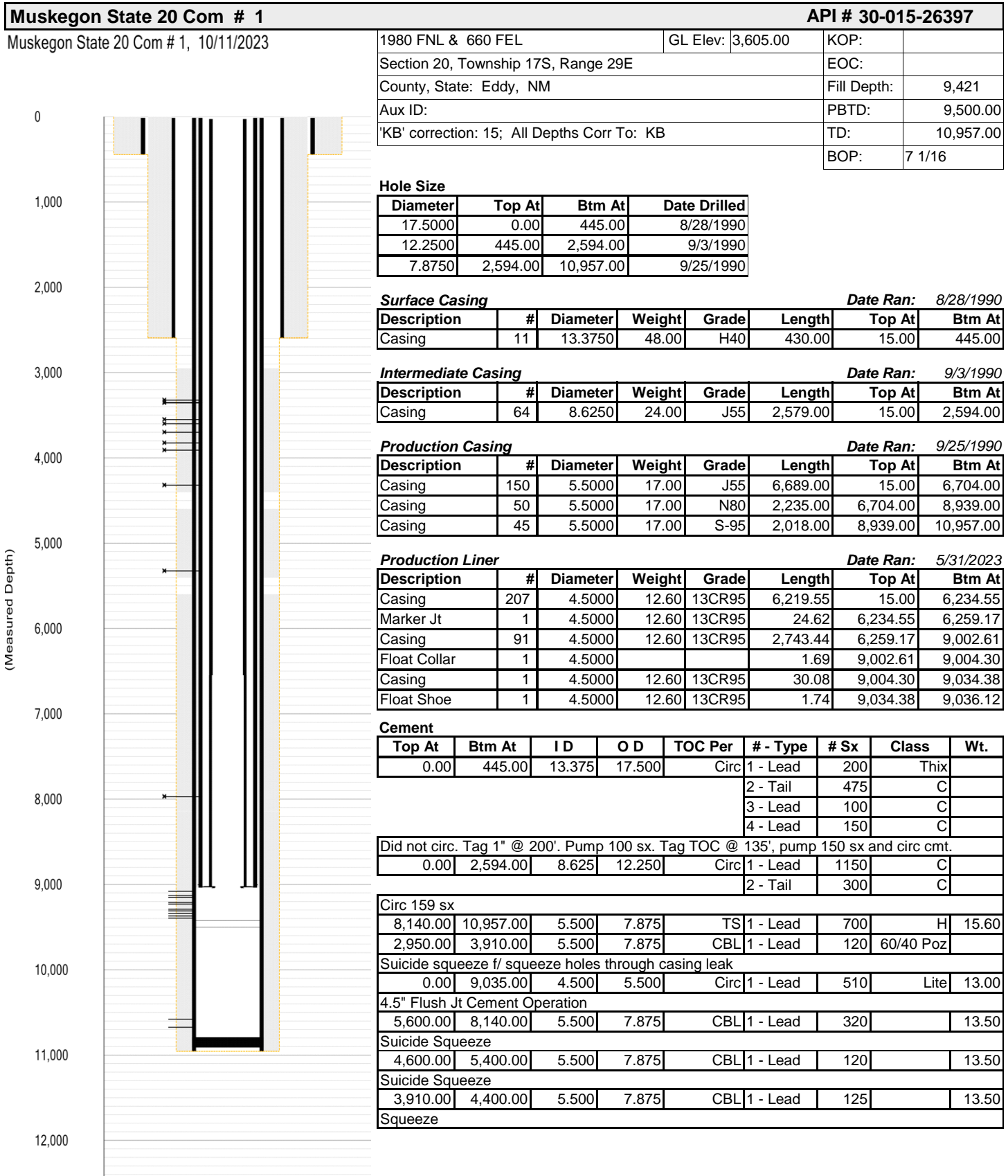
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30-015-26397
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Wellbore Schematic

Printed: 10/11/2023

Page 1



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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 274780

CONDITIONS

| | |
|-----------------------------------------------------------------------------|-------------------------------------------------------------|
| Operator: LONGFELLOW ENERGY, LP 8115 Preston Road Dallas, TX 75225 | OGRID: 372210 |
| | Action Number: 274780 |
| | Action Type: [C-103] Sub. (Re)Completion Sundry (C-103T) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| dmcclure | None | 10/12/2023 |