

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 Resources

Form C-103
 Revised July 18, 2013

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

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. 30-025-44295
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ARMSTRONG ENERGY CORPORATION		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 1973, Roswell, NM 88202-1973		7. Lease Name or Unit Agreement Name Sledgehammer State
4. Well Location Unit Letter <u>J</u> : <u>2310</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>East</u> line Section <u>23</u> Township <u>18S</u> Range <u>35E</u> NMPM County <u>Lea</u> County		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 1092
10. Pool name or Wildcat Reeves; Penn		

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: Add perforations within existing zone and frac <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.

Approval is requested to add additional perfs to the Pennsylvanian formation in this well. During the initial completion the top section of the Pennsylvanian reservoir was not perforated. Armstrong Energy Corp would like to go back and open up additional reservoir withing the same formation from 10,769'-10,874' to maximize reservoir drainage and increase production volumes. These additional perforations would be acidized with 15% NEFE and subsequently hydraulically fractured with 150,000 lb of proppant.

Spud Date:

1/29/2018

Rig Release Date:

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

SIGNATURE Jeffery Tew TITLE Operations Engineer DATE 10/11/2021

Type or print name Jeffery Tew E-mail address: jtew@aecnm.com PHONE: 575-625-2222

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

**Sledgehammer State #1**

Sec 23 T18S R35 E

Lea County, New Mexico

Add Additional Perfs Procedure

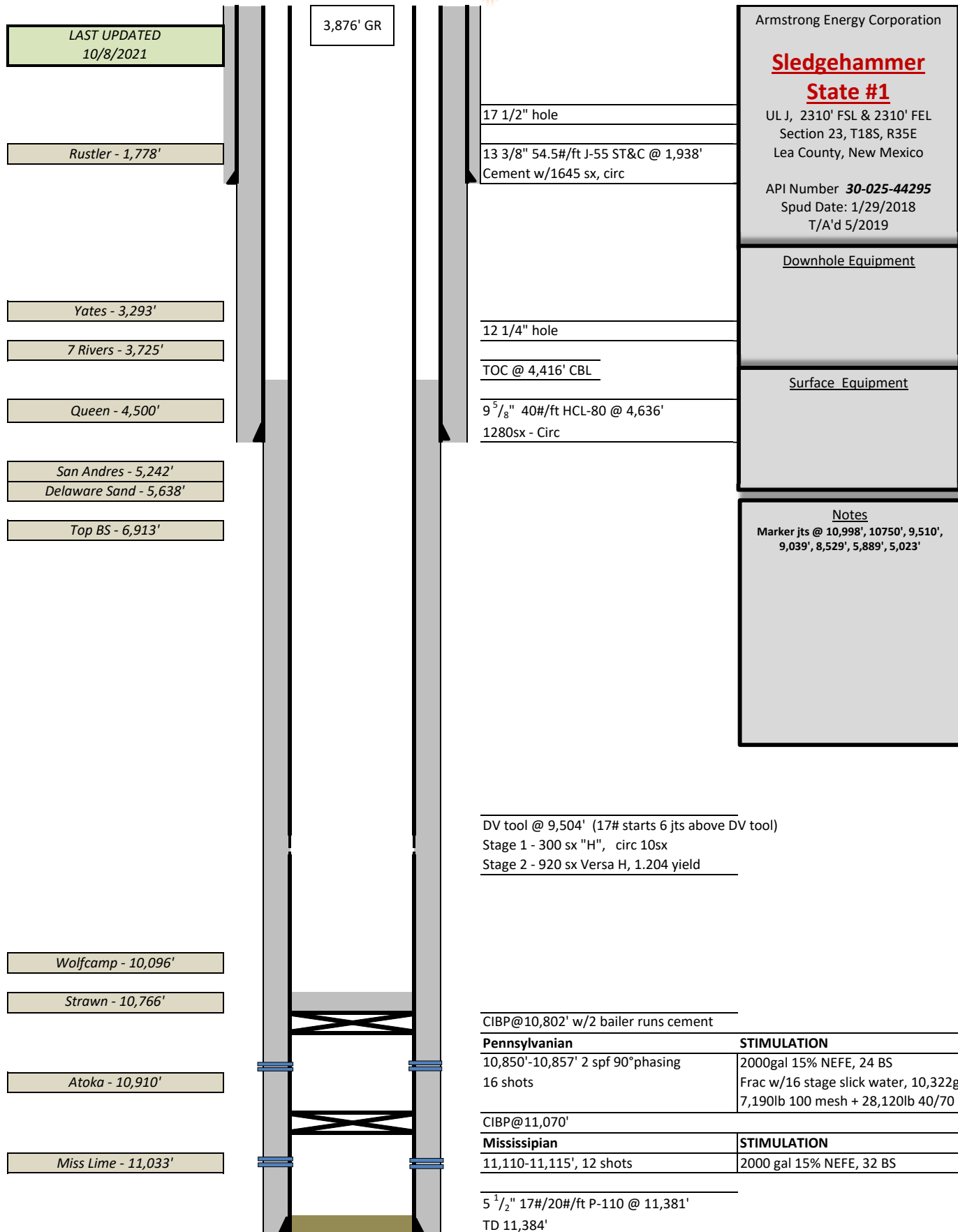
1. Verify that well does not have pressure or flow. If well has pressure, note casing pressure. Bleed down well, if necessary, kill well with 2% KCL water.
2. MIRU pulling unit and related equipment
3. ND WH. NU 5,000 psi BOP
4. RIH w/ bit, drill collars on 2 7/8 tbg. Tag PBTD above 10,802' and drill out cement and CIBP.
5. Clean out to new PBTD at 11,063', POOH w/bit.
6. RU wireline, Perforate additional Pennsylvanian perfs 10,769'-10,874'

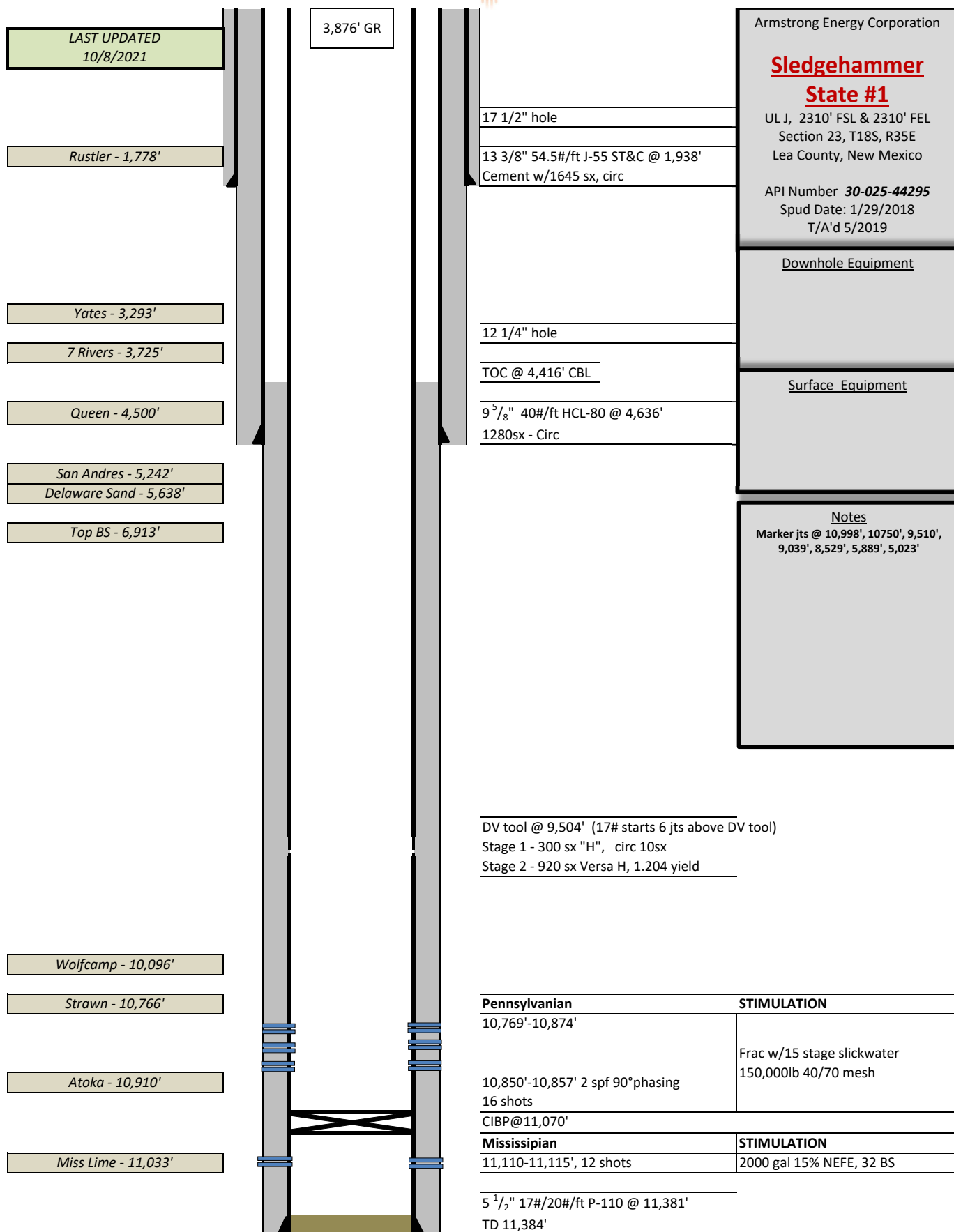
10769, 10770, 10771, 10775, 10777, 10778, 10785, 10786, 10788, 10789	10 holes
10806, 10808, 10809, 10811, 10820, 10827, 10839, 10845	8 holes
10849, 10850, 10851, 10852, 10853, 10854, 10855, 10856, 10857, 10858	10 holes
10862, 10869, 10872, 10874	4 holes
Total 32 holes	

7. Acidize new Pennsylvanian perfs w/3000 gal 15% NEFE acid dropping 32 perf balls evenly throughout job. Displace acid to perfs and SI 30 min.
8. RU Cudd frac, pump 150,000lb 40/70 mesh slickwater 15 stage frac job.
9. ND BOP/NU WH
10. RDMO Frac crew and pulling unit.

Casing	Size	Type	Threading	Set depth
Surface	13.375'	54.5# J-55	STC	1,938'
Intermediate	9 5/8"	40# L-80	LTC	4,636'
Production	5.5"	20# P-110		11,381'

Current Perforations	
Top	Bottom
10,850'	10,857'





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CONDITIONS

Action 55099

CONDITIONS

Operator: ARMSTRONG ENERGY CORP P.O. Box 1973 Roswell, NM 88202	OGRID: 1092
	Action Number: 55099
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	11/9/2021