

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. 30-025-23526
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> INJECTION		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CROSS TIMBERS ENERGY, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name NORTH VACUUM ABO UNIT
4. Well Location Unit Letter <u>F</u> : <u>1980</u> feet from the <u>N</u> line and <u>1980</u> feet from the <u>W</u> line Section <u>26</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number <u>118</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 298299
		10. Pool name or Wildcat VACUUM; ABO, NORTH

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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>RUN LINER</u> <input 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.

In response to violation cGR2224350975 failed BHT, Cross Timbers Energy proposes to install a liner and RTI:

- 1) MIRU. POOH w/tbg and packer.
- 2) Bit and scraper run.
- 3) Set CIBP @ 8470' and top w/20' cement.
- 4) RIH with 4 1/2" FJ liner, tag TOC, pull up 3" and land liner. Est'd EOL @ 8447'.
- 5) Cement liner in place. WOC.
- 6) PU bit and drill out cement. Pressure test liner. Drill out CIBP @ 8470'. POOH.
- 7) PU and RIH with 2 3/8" injection string and 4 1/2" injection packer. Set packer @ 8435'.
- 8) Pressure test backside. Release from packer, circulate backside with packer fluid. Latch back onto packer.
- 9) Notify NMOCD & run MIT per OCD representative's directive.
- 10) Return well to injection.

Spud Date:

Rig Release Date:

**Condition of Approval: notify
 OCD Hobbs office 24 hours
 prior of running MIT Test & Chart**

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

SIGNATURE Connie Blaylock TITLE REGULATORY ANALYST DATE 10/07/2022

Type or print name CONNIE BLAYLOCK E-mail address: cblaylock@mspartners.com PHONE: 817-334-7882

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 11/29/22
 Conditions of Approval

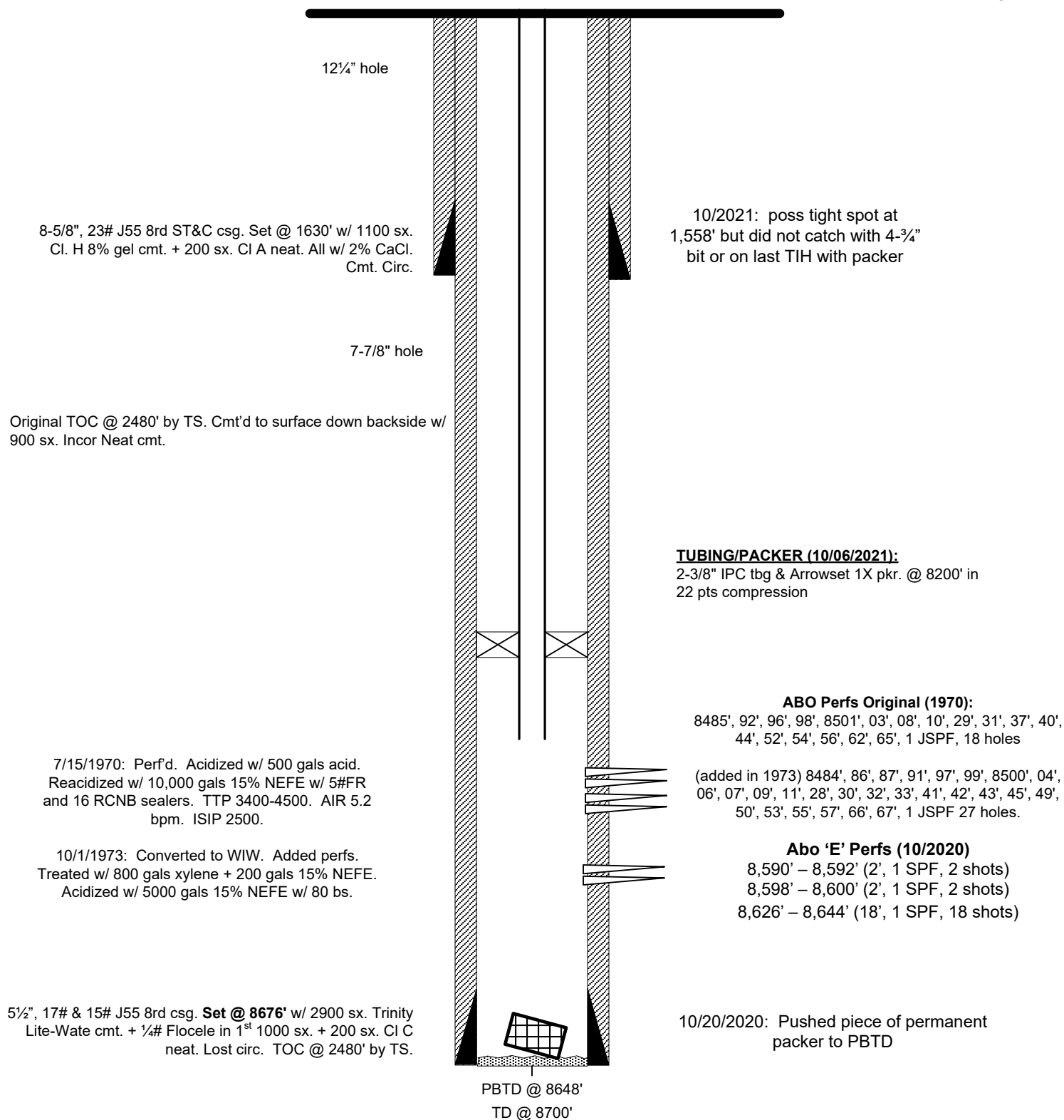
Vacuum ABO Unit #118

N. Vacuum ABO Field

Lea County, NM

API 30-025-23526

Elevation
GL- 4030'
DF- 4044'
KB- 4045'
Zero- 14' AGL

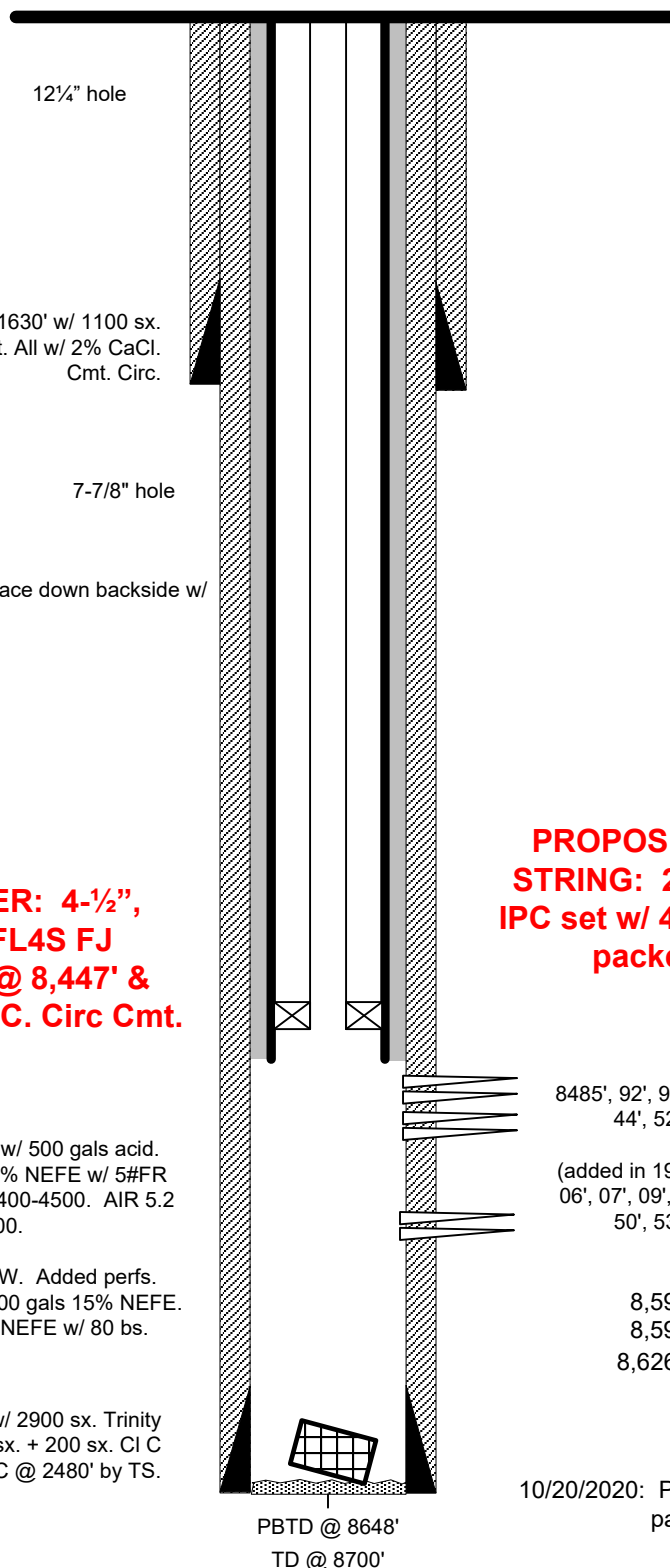


Vacuum ABO Unit #118

N. Vacuum ABO Field

Lea County, NM

API 30-025-23526

**PROPOSED WBS
OCTOBER 2022**Elevation
GL- 4030'
DF- 4044'
KB- 4045'
Zero- 14' AGL

8-5/8", 23# J55 8rd ST&C csg. Set @ 1630' w/ 1100 sx.
Cl. H 8% gel cmt. + 200 sx. Cl A neat. All w/ 2% CaCl.
Cmt. Circ.

7-7/8" hole

Original TOC @ 2480' by TS. Cmt'd to surface down backside w/
900 sx. Incor Neat cmt.

**PROPOSED LINER: 4-1/2",
11.6#, L-80 w/ FL4S FJ
connections set @ 8,447' &
cemented w/ Class C. Circ Cmt.**

**PROPOSED INJECTION
STRING: 2-3/8", 4.6#, J-55
IPC set w/ 4-1/2" Arrowset 1X
packer @ 8,435'**

7/15/1970: Perf'd. Acidized w/ 500 gals acid.
Reacidized w/ 10,000 gals 15% NEFE w/ 5#FR
and 16 RCNB sealers. TTP 3400-4500. AIR 5.2
bpm. ISIP 2500.

10/1/1973: Converted to WIW. Added perfs.
Treated w/ 800 gals xylene + 200 gals 15% NEFE.
Acidized w/ 5000 gals 15% NEFE w/ 80 bs.

5 1/2", 17# & 15# J55 8rd csg. Set @ 8676' w/ 2900 sx. Trinity
Lite-Wate cmt. + 1/4# Flocele in 1st 1000 sx. + 200 sx. Cl C
neat. Lost circ. TOC @ 2480' by TS.

ABO Perfs Original (1970):

8485', 92', 96', 98', 8501', 03', 08', 10', 29', 31', 37', 40',
44', 52', 54', 56', 62', 65', 1 JSPF, 18 holes

(added in 1973) 8484', 86', 87', 91', 97', 99', 8500', 04',
06', 07', 09', 11', 28', 30', 32', 33', 41', 42', 43', 45', 49',
50', 53', 55', 57', 66', 67', 1 JSPF 27 holes.

Abo 'E' Perfs (10/2020)

8,590' – 8,592' (2', 1 SPF, 2 shots)
8,598' – 8,600' (2', 1 SPF, 2 shots)
8,626' – 8,644' (18', 1 SPF, 18 shots)

10/20/2020: Pushed piece of permanent
packer to PBDT

PBDT @ 8648'
TD @ 8700'

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CONDITIONS

Action 161515

CONDITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 161515
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT MIT/BHT	11/29/2022