

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

Form C-103
Revised July 18, 2013

SUNDRY REQUESTS 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 ☐ Gas Well ☒ Other ☐ INJ		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator CROSS TIMBERS ENERGY, LLC		6. State Oil & Gas Lease No. 312479
3. Address of Operator 400 W 7TH STREET FORT WORTH TX, 76102		7. Lease Name or Unit Agreement Name NORTH VAC ABO
4. Well Location Unit Letter F : 1980 feet from the N line and 1980 feet from the W line Section 26 Township 17-S Range NMPM County LEA		8. Well Number 118
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4030 GL		9. OGRID Number 298299
		10. Pool name or Wildcat NORTH VAC ABO

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐	ADD PERFS ☒	OTHER: ☐	

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.

MIRU - est'd 9/21/2020

- MIRU. POOH w/ 2-3/8" injection tubing.
- Set RBP @ 8,330'.
- Perform repairs at surface on 8-5/8" casing.
- PU 5-1/2" plug and packer on 2-3/8" tubing and TIH. Locate and isolate leak in 5-1/2" casing. Determine injection rates & pressures.
- Squeeze casing leak per recommended cement design pending leak details. WOC.
- Drill out cement and clean out to top of RBP @ 8,330'.
- Retrieve RBP and POOH. PU and RIH w/ packer picker assembly to permanent packer @ 8,405'. Remove packer. POOH.
- Perforate:
• 8,590' - 8,592' (2', 1 SPF)
• 8,598' - 8,600' (2', 1 SPF)
• 8,626' - 8,644' (18', 1 SPF)
- Acidize all perforations w/ 5,000 gals 15% NEFE and 7,500# rock salt.
- PU 5-1/2" Arrowset 1X packer on 2-3/8" IPC injection string and test in hole. Set packer @ 8,400'.
- L&T backside. Release from packer, circulate w/ packer fluid, latch back on to packer. Notify NMOCD and perform MIT per state representative's directives.

Spud Date:

06/16/1970

Rig Release Date:

07/20/2020
Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart

SIGNATURE Samanntha Avarello TITLE Regulatory Technician DATE 08/19/2020

Type or print name Samanntha Avarello E-mail address: savarello@mspartners.com PHONE: 817-334-7747
For State Use Only

APPROVED BY: Kerry Fortner TITLE C O A DATE 9-14-20
Conditions of Approval (if any)

Vacuum ABO Unit #118

N. Vacuum ABO Field

Lea County, NM

API 30-025-23526

Updated 7/29/2020

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

12 1/4" hole

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. Incon Neat cmt.

Annulus circulated with 200 bbls packer fluid in 8/2007

Injection Tbg (8/2007)

Top to Bottom

1 jt 2 3/8" J-55 4.6# EUE 8rd IPC inj tbg
2' - 2 3/8" J-55 4.6# EUE 8rd IPC tbg sub
258 jts 2 3/8" J-55 4.6# EUE 8rd IPC inj tbg
On/Off Tool w/ 1.78" profile
40-60 Roto seal assembly

Baker Model N pkr. @ 8405' (ran in 1983)

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 perms.
Treated w/ 800 gals xylene + 200 gals 15% NEFE.
Acidized w/ 5000 gals 15% NEFE w/ 80 bs.

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.

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

PBTD @ 8648'
TD @ 8700'

Vacuum ABO Unit #118

N. Vacuum ABO Field

Lea County, NM

API 30-025-23526

PROPOSED WBD

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

