

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> INJ	WELL API NO. 30-025-23758
2. Name of Operator CROSS TIMBERS ENERGY, LLC	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 400 W 7TH STREET, FORT WORTH, TX 76102	6. State Oil & Gas Lease No. 312479
4. Well Location Unit Letter <u>D</u> : <u>790</u> feet from the <u>N</u> line and <u>790</u> feet from the <u>W</u> line Section <u>11</u> Township <u>17-S</u> Range <u>34E</u> NMPM County <u>LEA</u>	7. Lease Name or Unit Agreement Name NORTH VACUUM ABO UNIT
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4097 GR	8. Well Number <u>214</u> 9. OGRID Number <u>298299</u> 10. Pool name or Wildcat VACUUM, ABO, NORTH

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: <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.

MIRU est'd 04/17/19

- 1) POOH w/ tbg and seal assembly and scan tbg. Current packer is Guiberson 'AN' permanent packer @ 8,560'
  - a. Tubing string is 2-3/8", J-55
  - b. LD BB, GB, RB tbg. Replace w/ 2-3/8" YB or better
  - 2) PU 5-1/2" casing scraper and bit and RIH to 8,550'. Report any tight spots or material circulated to surface to engineering. POOH.
  - 3) RIH w/ Tbg String and new Arrowset 1X retrievable injection packer. Test in the hole.
  - 4) Set packer @ 8,530'. Pressure test backside to 350 psi.
  - 5) Release from on/off tool. Circulate backside with packer fluid. Latch back on to packer. Contact NMOCD & run MIT test per OCD representative's directive.
- Top allowable pkr setting depth: 8,504'  
Proposed Setting depth of Retrievable Packer: 8,530'  
Current Guiberson 'AN' Permanent Pkr: 8,560'  
Top Injection Perf: 8,604'

Current and Proposed WBD attached

Spud Date:

04/28/1971

Rig Release Date:

05/26/1971

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

SIGNATURE Samanntha Avarello TITLE Regulatory Technician DATE 04/03/2019

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

**For State Use Only**

APPROVED BY: [Signature] TITLE \_\_\_\_\_ DATE 04/05/19  
Conditions of Approval (if any): \_\_\_\_\_

# N. Vacuum ABO Unit #214

API: 30-025-23758

N. Vacuum Field

Section 11 – 17S -34 E

790' FNL & 790' FWL

Lea County, NM

CURRENT

CONDUCTOR  
13-3/8" 48# @ 27'  
CMT: 2 cu yards, circ.

Elevation: 4,097 GL  
SPUD: 04/28/1971  
COMPLETION: 5/26/1971

SURFACE CASING:  
8-5/8", 24#  
Set @ 1,681'  
Cmt: 820 sx, circ.

(5/80): Set RBP @ 8002', Pump between 8-5/8"  
& 5 1/2" BPM/ 1200 psi cmt. w/ 250 sx. C neat,  
300 sx. w/ 2% CaCl<sub>2</sub>, 100 sx. C w/ 3% CaCl<sub>2</sub>,  
Reported annulus full of cmt. RWTP.

10/1987: Convert well to Injection Well.  
Add Abo Perfs @ 2 SPF from 8,604' – 8,651'  
(30 holes). Break down w/ 5,000 gals 15%  
NEFE and 110 gal mutual solvent & 100 BS.  
Set Guiberson 'AN' Permanent Packer @ 8,560'  
on 2-3/8", 8RD, J-55 Bare Tubing

Guiberson 'AN' Permanent Packer @ 8,560'  
Set w/ 2 pts compression

ABO Perfs (5/71):	ABO Perfs (10/87):
8616'-18'	8604' – 2 shots
8638'-40'	8612'-15' – 6 shots
8646'-48'	8619' – 2 shots
8657'-59'	8634'-37' – 6 shots
Acidized w/ 10,000 gals 15%	8641'-45' – 8 shots
	8649'-51' – 4 shots
	Conv to WIW 11/87

PRODUCTION CASING:  
5-1/2" 17#  
Set @ 8,714'  
Cmt: 1250 sx (TOC @ 2,740')

PBTD @ 8668'

TD @ 8715'

# N. Vacuum ABO Unit #214

API: 30-025-23758

N. Vacuum Field

Section 11 – 17S -34 E

790' FNL & 790' FWL

Lea County, NM

## PROPOSED

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on 2-3/8", 8RD, J-55 Bare Tubing

Arrowset 1X Packer @ 8,530'  
On 2-3/8" J-55 Bare Tubing

Guiberson 'AN' Permanent Packer @ 8,560'

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Acidized w/ 10,000 gals	8641'-45' – 8 shots
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