

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

Form C-103
 Revised July 18, 2013

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

HOBBS OCD
 APR 05 2019
 RECEIVED

WELL API NO.	30-025-23758
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	312479
7. Lease Name or Unit Agreement Name	NORTH VACUUM ABO UNIT
8. Well Number	214
9. OGRID Number	298299
10. Pool name or Wildcat	VACUUM, ABO, NORTH
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	4097 GR

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.)

1. Type of Well: Oil Well Gas Well Other INJ

2. Name of Operator
CROSS TIMBERS ENERGY, LLC

3. Address of Operator
400 W 7TH STREET, FORT WORTH, TX 76102

4. Well Location
 Unit Letter D : 790 feet from the N line and 790 feet from the W line
 Section 11 Township 17-S Range 34E NMPM County LEA

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: <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 NMOCDC & 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 Samantha Avarello TITLE Regulatory Technician DATE 04/03/2019

Type or print name Samantha 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% CaCl₂, 100 sx. C w/ 3% CaCl₂,
 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

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,
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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

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

Guiberson 'AN' Permanent Packer @ 8,560'

ABO Perfs (5/71):	ABO Perfs (10/87):
8616'-18'	8604' – 2 shots
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