

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 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. 30-025-23794 ✓
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		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 WEST 7th STREET, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name NORTH VACUUM ABO UNIT ✓
4. Well Location Unit Letter L : 660 feet from the N line and 660 feet from the W line Section 19 Township 17S Range 35E NMPM County LEA ✓		8. Well Number 206 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 298299
		10. Pool name or Wildcat VACUUM; ABO, NORTH
		4011 KB

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: ☐		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.

Attempt repair tubing/packer failure; Found casing leak, uneconomic to repair:

1. Pull tbq & SA, replace tbq
2. RIH with new retrievable pkr & tbq, att. set and tst TCA. POOH.
3. Isolate leak to 2,212-2,277', est. inj. 1.7 BPM @ 300 psi. POOH.
4. Leave two jts tbq in well, NU WH, NU poly line to keep pressure bled to production flow line. See attached schematic.
5. Will return to injection when economics are justifiable, or in 12 months recomplete, TA, or P&A.

Spud Date:

06/01/1971

Rig Release Date:

06/25/1971

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

SIGNATURE

Laura Stone

TITLE

Regulatory Compliance

DATE 07/07/2015

Type or print name Laura Stone

E-mail address: rgrigg@mspartners.com PHONE: 817-334-7842

For State Use Only

APPROVED BY:

Accepted for Record Only

DATE

Conditions of Approval (if any):

MJB/OCD 7/27/2015

JUL 27 2015

jm

Original Hole, 7/7/2015 11:23:45 AM		Well Name		API/UMI	County	State/Province	Field Name
Vertical schematic (actual)		NORTH VACUUM ABO UNIT 206		3002523794	Lea	New Mexico	VACUUM N
MD (ft)		Location	Township	Range	Section	Latitude (°)	Longitude (°)
0.0		660 FNL & 660 FWL	17S	35E	19	32° 49' 33.848" N	103° 30' 11.905" W
14.1		Original KB Elevation (ft)	Gr Elev (ft)		KB-Ground Distance (ft)		Spud Date
62.0		4,011.00	3,997.00		14.00		6/1/1971
Jobs							
Type	Start Date	Summary					
Drilling Original & Initial Completion	6/1/1971	D&C Abo producer. Dresser Atlas SWN/GR, LL, cal., Acoustic; perf Abo, A. 10k gal 15% w/ BS, S. 70 BLO, 81 BNO, 85 BAW/16', last hr. F. 17 BF, S/O 45% AW, 3/4" chh, TP 50#, 167 BAW remain; F. BNO, BAW/ last hr. F. BF, S/O 10% AW, 3/4" chh, TP 50#. POP. IP 372 BOPD, 1 BWPD, 1085 GOR, 37.7 deg API					
Well Test	2/2/1972	BHP BU					
Acidize	11/26/1977	Pmp 400 gal CEDEX dwn TCA, MIRU, pull rods, pmp, tbg, A. Abo w/ 10k gal 15%, RTP.					
Open Additional Pay - OAP	1/22/1979	Unseat, HO tbg, POOH rods & pump, POOH tbg, perf Abo, TFF @ 8728', RIH WS & pkr, acid frac Abo, S. 0 BO, 20 BLW/4', SI 13' TP 125#, BD/1', S. 43 BLO, 48 BLW/10', fair tail gas, LH 6 bbls, 50% cut, 13' SIP 475#, BD, IFL 4000', S. 9 BO/2 runs, no sd, FFL @ SN, POOH, LD WS, RTP. IP 83 BOPD, 61 BWPD, 1150 GOR, 37.6 API					
Remedial Cementing	8/6/1981	MIRU, unseat, HO tbg, POOH rods, pump, tbg, RIH RBP & pkr, set RBP @ 3030', inj 1 BPM @ 1100# dwn 5-1/2x8-5/8 ann. pmp RA tracer, fluid exiting @ 1850', sqz cement in 5-1/2x8-5/8 ann. RTP.					
Convert To Injection	5/27/1987	MIRU, unseat, HO tbg, LD rods & pmp, POOH tbg, RIH bit, scpr, DC, tbg, DO PBTD to 8780', weld adapter flange to WH, tally 62 jts new tbg, add Abo perfs, A. all Abo perfs, LD 2-7/8" tbg, set perm. pkr, RIH tbg hydrstgt (15 collar lks), NU, circ. pkr fl, RDMO, MIT gd, turn to injection.					
Step-Rate Injection Test	2/24/1992	Parting psi not achieved; MIP 3150# (surf.), MIR 950 BPD.					
Repair Tbg/Pkr Failure	6/24/2015	LD all tbg (junk), RIH new retrievable pkr, new tbg, att. set on top of perm. pkr, csg leak, isolate leak to 2212-2277', inj. 1.7 BPM @ 300#, POOH, LD tbg, RDMO. Will return to repair/RTI when economics are justifiable.					

0.0		Casing Joints: 8 5/8; 23.00; J-55; 8 1/2; 14.0-1.795.0; 6/2/1971
14.1	Tubing; 2 3/8; 4.70; J-55; 0.0-62.0	SURFACE 1; 12 1/4; 14.0-1.795.0; 6/2/1971
62.0	7/6/2015	Surface Casing Cement; 14.0-1.795.0; 6/3/1971
1,794.9		Cement Squeeze; 14.0-1.850.0; 8/8/1981; bitm from RA sig
1,850.1		Casing Joints: 5 1/2; 15.50; J-55; 4,950; 14.0-7.198.0; 6/22/1971
2,211.9	Hole in Csg; 5 1/2; 4.750; 2,212.0-2,277.0; 7/2/2015; Isolate leak w/ RBP & pkr, inj. 1.7 BPM @ 300 psi.	PROD 1; 7 7/8; 1.795.0-8.800.0; 6/20/1971
2,276.9		Casing Joints: 5 1/2; 17.00; J-55; 4,892; 1.798.0-8.800.0; 6/22/1971
2,770.0		Perforated; 8,597.0; 6/25/1971
7,198.2		Perforated; 8,608.0; 1/23/1979
8,549.9		Perforated; 8,609.0; 8/25/1971
8,552.5		Perforated; 8,610.0; 1/23/1979
8,597.1		Perforated; 8,611.0; 6/25/1971
8,607.9		Perforated; 8,612.0; 1/23/1979
8,608.9		Perforated; 8,615.0; 1/23/1979
8,609.9		Perforated; 8,616.0; 6/25/1971
8,610.9		Perforated; 8,617.0; 6/25/1971
8,611.9		Perforated; 8,621.0; 1/23/1979
8,615.2		Perforated; 8,622.0; 6/25/1971
8,616.1		Perforated; 8,623.0; 6/25/1971
8,617.1		Perforated; 8,624.0; 1/23/1979
8,621.1		Acidizing; 8,597.0-8,658.0; 12/11/1977; 10k gal 15% + 1% retard, 3 GPT FR, 40 RCNBS, ATR 3.6, MTP 5000, ISIP vac
8,622.0		Acid Frac; 8,597.0-8,659.0; 1/25/1979; 16k gal 20% HCL NE ISH, 24k gal 40% gel pad, 10k gal 10% gel pad, 24k # 100-mesh in 4 sigs, ATR 15, ATP 5850, ISIP 2700, 5" 1900, 15" 500
8,623.0		Perforated; 8,628.0; 1/23/1979
8,624.0		Perforated; 8,629.0; 6/25/1971
8,628.0		Perforated; 8,644.0; 1/23/1979
8,644.0		Perforated; 8,645.0; 6/25/1971
8,645.0		Perforated; 8,646.0; 1/23/1979
8,646.0		Perforated; 8,647.0; 1/23/1979
8,647.0		Perforated; 8,648.0; 6/25/1971
8,648.0		Perforated; 8,649.0; 1/23/1979
8,648.9		Perforated; 8,650.0; 1/23/1979
8,649.9		Perforated; 8,651.0; 6/25/1971
8,650.9		Perforated; 8,652.0; 1/23/1979
8,651.9		Perforated; 8,656.0; 1/23/1979
8,655.8		Perforated; 8,657.0; 6/25/1971
8,657.2		Perforated; 8,658.0; 6/25/1971
8,658.1		Perforated; 8,659.0; 1/23/1979
8,659.1		Perforated; 8,660.0; 1/23/1979
8,660.1		Perforated; 8,665.0-8,666.0; 5/28/1987
8,665.0		Acidizing; 8,597.0-8,761.0; 5/29/1987; 6k gal 15% NEFE, 110 gal Musol A in 1st 1000 gal, 90 RCNBS, TP 0-5000, ATR 4.5, vry gd BA, no BO
8,666.0		Perforated; 8,696.0-8,699.0; 5/29/1987
8,695.9		Perforated; 8,759.0-8,761.0; 5/29/1987
8,699.1		Production Casing Cement; 2,770.0-8,800.0; 6/22/1971
8,758.9		Auto cement plug; 8,759.0-8,800.0; 6/22/1971; Automatically created cement plug from the casing cement because it had a tagged depth.
8,761.2		TD - Original Hole; 8,800.0; 6/20/1971
8,779.9		
8,799.9		

Page 1 of 1