

Submit 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

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. 30-025-02319
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		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. 312477
3. Address of Operator 400 W 7TH STREET, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name NEW MEXICO BO STATE
4. Well Location Unit Letter I : 1980 feet from the S line and 330 feet from the E line Section 12 Township 18-S Range 34-E NMPM County LEA		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3973 GL		9. OGRID Number 298299
		10. Pool name or Wildcat VACUUM; ABO REEF

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" 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.

Job Summary Attached

Spud Date:

05/13/1962

Rig Release Date:

06/28/1962

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 01/18/2021

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

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

CROSS TIMBERS ENERGY, LLC

NM BO STATE 2

30-025-02319

12/09/2020 MIRU. LD horse head. Unseat pmp & LD SMPR. SWI & SDON.

12/10/2020 POOH w/pony subs, rods, K sinker bars, stab bar, RHBO tool pmp, & GA. ND WH. NU BOP. Rel TAC. MIRU tbg scan tkr. SOOH w/ jts, tbg, TAC, and tbg. RDMO scan trk. RIH w/ kill string. SWI & SDON.

12/11/2020 POOH w/ kill string. PU & RIH w/bit & scraper & jts 2 3/8" workstring. TFF @ 8562'. Tight area @ 794'. POOH w/ jts & bit/scraper. RIH w/ kill string. SWI & SDOW.

12/14/2020 POOH w/ kill string. PU & RIH w/ RBP & tbg. Set RBP @ 3220'. Pump down 4 1/2" csg - Saw communication w/ 9 5/8" csg. No communication w/ 13 3/8" csg. Established circulation from 4 1/2" csg to 9 5/8". POOH w/ tbg. PU & RIH w/ 4 1/2" pkr & tbg to 2120'. Test under pkr - Held ok. Bled well off. SWI & SDON.

12/15/2020 Cont to hole hunt with pkr at various depths. Identified leak interval btwn 680' - 808'. SD due to wind. SWI & SDON.

12/16/2020 PU & RIH w/ 1jt tbg - Verify leak interval btwn 680'-808'. Rel pkr. POOH w/ tbg & pkr. LD pkr. PU RBP on/off tool. RIH w/ tbg & tool. POOH w/ tbg & tool. Dump 2 sx sand on RBP. PU & RIH w/ tapered mill, DC's & tbg. Dress up tight area. POOH w/ tbg, DC's & mill. PU & RIH w/ RBP on/off tool & tbg. Tag top of sand. Circulate sand off RBP. Latch onto RBP. SWI & SDON

12/17/2020 Rel RBP. POOH to 900'. Set RBP. Unlatch from RBP. Dump 2 sx sand. POOH w/ tbg. PU 4 1/2" CICR. RIH w/ CICR & tbg. Set CICR @ 581'. Load well w/ 59 bbls FW. Test to 500psi. Well bled down out 9 5/8" csg. Sting out of CICR. POOH with tbg & stinger. R&R seals. RIH w/ stinger & tbg. Sting into CICR. Test again to 500 psi. Same result. Bled off thru 9 5/8" csg. Sting out of CICR. POOH w/ tbg & stinger. LD stinger. PU & RIH w/ tri cone bit, DCs, & tbg. PU swivel. Drill out retainer. Made 3" of hole. Circulate clean. SWI & SDON.

12/18/2020 Cont to drill out CICR. Saw chunks of top slips and rubber in returns. CICR moved 3'. Cont to drill. CICR fell. Push CICR top of sand. Tag @ 885'. POOH w/ tbg, dc's & bit. PU pkr & RIH. Set pkr @ 611' (1 jt below CICR setting depth). Test backside to 500psi. Did not hold. Immediate bleed off & saw communication on 9 5/8" csg. Rel & POOH to 550' & set pkr (1 jt above CICR setting depth). Test - Did not hold. Immediate bleed off & saw communication on 9 5/8" csg. Rel pkr & LD 1 jt. Set pkr @ 518'. Test to 500 psi. Did not hold. Immediate bleed off again. SWI & SDON.

12/21/2020 Cont to hole hunt. Set pkr at multiple depths between 445' - 104', tested, and saw communication to 95/8". Set pkr @ 3'. Tested 500psi. Bled off to 300 psi in 5 mins. No communication on 9 5/8". Rel & POOH w/ pkr. PU & RIH w/ 4 1/2" RBP. Set @ 500'. Unlatch from RBP & POOH w/ tbg. PU & RIH w/ 4 1/2" pkr. Set @ 27'. Test under pkr - Held ok. POOH w/ 1 jt of tbg. PU 10' & 6' subs. RIH & set @ 11'. Test below pkr - Held ok. Test above. Did not hold. Leak interval btwn surface & 11'. LD subs & pkr. Dump 2 sx sand on RBP & prep for 4 1/2" csg recovery job tomorrow. SWI & SDON.

12/22/2020 ND 9 5/8" WH. PU & RIH w/ 4 1/2" csg spear. Pulled - Could not release slips. POOH & LD spear. RU 4 1/2" Hydraulic internal csg cutter. RIH to 19'. Cut csg. POOH w/ cutter. PU & RIH w/ spear. Still could not get slips to release. POOH & LD spear. RIH w/ wireline & collar locator. Found free point btwn 19' to 20'. POOH w/ wireline. RU hydraulic csg jacks. SDON.

12/23/2020 Pulled w/ hydraulic jacks. Slips came loose. RD jacks. POOH w/ 19' csg. PU & RIH w/ 4 1/2" overshoot. Latch onto csg - POOH. Start LD csg. POOH w/ 776' csg. Found bottom pin parted on csg 25JFS. NU BOP. SDOW.

CROSS TIMBERS ENERGY, LLC

NM BO STATE 2

30-025-02319

12/28/2020 PU 2-7/8" workstring & RIH w/ swage & tbg. Run swage 1 jt into 4 1/2" csg. Csg clear. POOH w/ tbg & swage. PU & RIH w/ spear w/ 1 1/4" opening & 25 jts 2 7/8" PH6 tbg. Spear 4 1/2" csg. MIRU Rotary WL. RIH w/ WL, string shot & CL. Locate collar @ 812'. Pull 2pts & apply torque w/ 1/2 turn on tbg. Fire shot across collar. Make ten rounds. Csg free. POOH w/ WL. POOH w/ PH6 tbg, spear & 1 jt 4 1/2" csg. LD csg. Csg broke free at pin. Collar facing up downhole. RDMO WL. SDON.

12/29/2020 PU & RIH w/ 4-1/2", 11.6 csg. Tie into csg downhole. Pull 40pts & set slips. Test 4 1/2" csg to 320# for 30 min. Held ok. MIRU welder. Cut top jt to flange. Send 4 1/2" donut gasket in for R&R. Will have to have new one fabricated due to age. NU bradenhead & BOP. RU, RIH w/ wireline, jt , tbg & magnet (2 runs). Pull out fragments of csg and retainer. SDON.

12/30/2020 3 7/8" shoe delivered to location. PU DC, sub & shoe. Sub would not make up completely with DC. Thread issues. Have another sub delivered. Wind gusts at 40 mph. SD due to weather. Will resume on monday after holiday.

01/04/2021 PU & RIH w/ shoe, DC's, & tbg. Wash over retainer. Made 4" of hole. POOH w/ shoe. Cutrite still looks good. First set of wires damaged. ND BOP & WH. Installed new donut gasket on 4 1/2" csg. Tac weld gasket to inside WH flange. Test 9 5/8" csg. Held ok. No leak out of gasket. NU WH & BOP. Made 2 runs w/ magnet. Pulled out chunks of metal. RIH w/ shoe. SWI & SDON.

01/05/2021 Cont to wash over retainer w/ shoe. Washed for 2.5 hrs. Made 1/2" of hole. POOH w/ shoe. PU & RIH w/ tapered tap. Tag retainer. PU swivel. Turn tap on retainer. LD swivel & POOH w/ tbg & tap. Fished retainer. PU & RIH w/ O/O retrivel tool. Circulate bottom & latch onto RBP. Rel RBP. POOH w/ tbg & RBP. LD all DC's in derrick. RIH w/ 2 3/8" WS . SWI & SDON.

01/06/2021 Held SM. Cont to RIH w/ WS. POOH & LD all WS. SWI & SDON.

01/07/2021 Held SM. MIRU. GT Tbg testers. RIH & TUS @ 5K psi w/:

32'x 2 3/8" OPMAJ

4' x 2 3/8" PS

2 3/8" SN

32' x 2 3/8" TK99

13- 2 3/8" J55 YB tbg

4 1/2" x 2 3/8" TAC

253- 2 3/8" J55 YB tbg

TFF @ 8562', EOT @ 8562', SN @ 8514', TAC @ 8079'.

Set TAC w/ 15pts tension. RDMO tbg testers. ND BOP. NU WH. RIH w/ 17 triples. Pump started to get stuck in parrifin build up in tbg. SWi & SDON.

01/08/2021 Held SM. MIRU hot wtr trk. Hot water 40 bbls down backside. Parrifn loosend up and we were able to cont to RIH w/ rods:

1" x 10' GA

20x150xRHBCx24x5 (QH4351) pmp

RHBO tool

4' x 7/8" stab bar

9- 1 1/2" K sinker bars

209- 3/4" N97 rods

120- 7/8" N97 rods

3- 8' x 7/8 pony rods

1 1/2" x 26' SMPR w/ 7/8" pin

SWO & HWO. Test to 500 psi. Held ok. Well pumped up in 4 strokes. RDMO PU. Clean location. RWTP.

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District IV

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Santa Fe, NM 87505

CONDITIONS

Action 15255

CONDITIONS OF APPROVAL

Operator:	CROSS TIMBERS ENERGY, LLC	400 West 7th Street	Fort Worth, TX76102	OGRID:	298299	Action Number:	15255	Action Type:	C-103R
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OCD Reviewer	Condition
kfortner	None