

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

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. 30-025-08337
1. Type of Well: Oil Well ☐ Gas Well ☐ Other <u>INJ</u>		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator CROSS TIMBERS ENERGY, LLC		6. State Oil & Gas Lease No. 312471
3. Address of Operator 400 W 7TH STREET, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name SEMGSAU
4. Well Location Unit Letter <u>I</u> : <u>1980</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>S</u> line Section <u>30</u> Township <u>17-S</u> Range <u>33-E</u> NMPM County <u>LEA</u>		8. Well Number 102
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 298299
10. Pool name or Wildcat MALJAMAR;GRAYBURG-SAN ANDRES		

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☒
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING <u>OPNS.</u> ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
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.

Work Summary and MIT attached

Spud Date:

11/24/1943

Rig Release Date:

02/13/1944

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 12/28/2020

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 Compliance Officer A DATE 1/12/21

Conditions of Approval (if any):

11/03/2020 – MIRU RU/Pit, open top. Prep Location. SDON

11/04/2020 – MIRU Hydro tbg scanner. ND WH tree. NU BOP. Rel pkr. SOOH w/ jts, IPC tbg & pkr. Scan. LD GB tbg, RDMO scan trk. PU & RIH w/ kill string. SWI & SDON.

11/05/2020 – POOH w/ kill string. PU & TIH w/ bit, scrapper, tbg. Tag TOL @ 3626'. POOH w/ tbg & bit/scrapper. PU & RIH / 5 ½" RBP, test prk & tbg. Set RBP @ 3620'. LD jt. Set pkr @ 3590'. Test above/below pkr @ 500 psi. Test good. Test above/below bradenhead @ 500 psi. Test good. Rel pkr. PU 2 jts tbg. Latch onto RBP. Rel RBP. POOH w/tbg & Pkr.

11/06/2020 – PU & RIH w/ 4" RBP to 3685'. Pulled up to 3675', set pkr. Tried to get inj rate. Pressure up to 1000 psi, lost 100 psi in 20 min. Latched onto RBP POOH. PU RIH w /bit and scrapper to 4107'. POOH w/bit and scrapper. PU RIH w/4" pkr & RBP to TOL, SDOW.

11/09/2020 – RIH and set RBP. Tested. Isolated cas leak between 4011' and 4000'. POOH w/ RBP and pkr. RIH w/ kill string and SDON.

11/10/2020 – POOH w/ kill string. MIRU wireline. RIH w/ 4" CIBP. Set CIBP @ 4055', made 2 bale runs, dmp 15' sand on top of CIBP. TOS @ 4040'. PU & RIH w/4" CIRC. Set CIRC @ 3855'. RDMO wireline. PU & RIH w/ stinger and tbg. Sting into CIRC. Test backside to 500 psid. Held ok. Sting out of CIRC. SWI & DSON

11/11/2020 – Csg/Tbg psi @ 950. BWDTT. Bled down immediately, no fluid. Sting into CIRC. Test backside. POOH w/tbg & stinger. Found one damaged O-ring. Change out all o-rings on stinger. PU & RIH w/stinger & tbg. Sting into CIRC. Test backside. Stinger and flapper on retainer sealed. Sting out of retainer & POOH w/tbg. PU & RIH w jts of FG tbg, pkr and tbg. Set pkr @ 3752' w/enf of FG tailpipe @ 3812'. Test backside. Held ok. Establish inj rate down tbg thru retainer.

11/12/2020 – MIRU cmt crew. Test lines to 3500psi. Held ok. Pressure backside to 500 psi. Start lime spacer. Pmp 11 bbls fw/ 5bbls lime. End spacer. DS batch cmt @ 14.8#. Start Cmt.

5bbls @ .6 bbl/min @ 1790psi
10bbls @ .8bbl/min @ 1870psi
18bbls @ 1 bbl/min @ 1800psi
24bbls @ 1 bbl/min @ 1920psi

End cmt. 24 bbls (100 sx) of Class C cement. Si. Wash out lines. Start displacement

5bbls @ .4bbl/min @ 2240psi
8.5bbls @ .4bbl/min @ 2200psi
10bbls @ .4bbl/min @ 2500psi
11.5bbls @ .4bbl/min @ 2730psi
13bbls @ .3bbl/min @ 2950psi

14bbbls @ .3bbl/min @ 2900psi

15bbbls @ .3bbl/min @ 2980psi

End displacement, 15 total bbls FW. Bleed of PSI. PU tbg 3'. Reverse out w/25 bbls FW. Less than ¼ bbl cmt in returns. End reverse out. SI tbg @ 1800 psi & csg @ 525 psi. RDMO cmt crew. SDON.

11/13/2020 - TBG 1200 psi, CSG 1200 psi. BWDTP. SDOW. Evaluate pressured on Monday.

11/16/2020 – TBG 1200 psi, CSG 1200 psi. BWDTP. Set 4" pkr @ 3662'. Test csg/tbg. Rel pkr & POOH w/ tbg & pkr. PU & RIH w/ 5 ½" pkr & tbg. Set @ 3623'. Test csg/tbg. POOH & LD 3 jts, set pkr @ 3533'. Test csg/tbg. PU & RIH w/1 jt. Set pkr @ 3564'. Test csg/tbg. PU & RIH w/ 1jt. Set prk @ 3595'. Test csg/tbg. PU & RIH w/ 1jt. Set prk @ 3623'. Test csg/tbg. LD 1jt. Set prk @ 3595'. Bled off psi. SWI & SDON.

11/17/2020 – PU & RIH w/ 1jt set pkr @ 3623'. SI for 2hrs, tbg & csg. BWDTP. POOH w/ tbg & LD pkr. PU Bit, DC's & RIH w/tbg. Tag cmt @ 3849'. PU swivel. Drill out cmt & 4" retainer. Circ clean. LD swivel, POOH above liners. SDON.

11/18/2020 – RIH w/tbg & PU swivel. Cont to drill out. POOH w/tbg to look at bit. Ordered cone buster SD until delivered to location. PU cone buster & RIH w/tbg. Con tot drill out. End of day. Pull uphole out of liner.

11/19/2020 – RIH w/tbg & PU swivel. Cont to drill out w/ cone buster. POOH w/cone buster & tbg. Cone buster had 2 of 3 circ holes plugged w/metal. PU 3 1/8" cone bit & RIH to TOL. SDON.

11/20/2020 – Start drill out w/ cone bit. Stop drilling & POOH w/tbg & bit. Bit had 2 retainer. Start back in hole w/magnet. SDOW.

11/23/2020 – Cont to RIH w/magnet & tbg. POOH w/tbg & magnet. Fished piece of 2nd cone & metal. RIH w/tbg & magnet. POOH w/tbg & magnet. Fished 3 more pieces of retainer. SDON.

11/24/2020 – RIH w/ tbg & magnet. POOH w/ tbg & magnet. Did not fish any metal. BOP had small leak. Replace gasket. Resume testing well. SD due to high wind.

11/25/2020 – PU & RIH w 3 1/8" show w/wires & window tbg. Mill over retainer and 4' of cmt. POOH w/tbg & shoe. Fished all remaining retainer & cones. SDOW.

11/30/2020 – PU & RIH w/ 3 1/8" tri cone bit & DCs & tbg. Drilled out cmt. Total of 87' POOH above liner. Circ clean. SDON.

12/01/2020 – POOH w/tbg, DC's & bit. LD bit. PU new 3 1/8" bit, DC's & tbg. Cont to drill out cmt. Total of 55' Pull above liner & circ clean.

12/02/2020 – Cont to drill out cmt. Drill 43' cmt. Wash out sand to CIBP. Tag CIBP @ 4055'. POOH w/bit, dc's & tbg. LD bit. SDON.

12/03/2020 – PU & RIH w/ 3 1/4 shoe & tbg. POOH & checked shoe for rubber. Shoe and top sub had thread damage, sent in to repair. SWN & SDON

12/04/2020 – PU & RIH w/mill shoe & tbg. Milled on plug, pushed plug to top perms. POOH w/ tbg and shoe. Sent shoe in to get redressed. SWN & SDON.

12/07/2020 – PU & RIH w/redressed 3 ¼" shoe & tbg. Tag remaining CIBP @ 4146'. Mill over CIBP & FILL TO 4168'. PU & RIH W 3 1/8" tri cone bit & tbg. Tag fill @ 4168'. Dill out fill to 4170'. POOH above liner. Circ clean. SWI & SDON.

12/08/2020 – POOH & LD workstring, drill collars and bit, RU tbg testing trk. PU & RIH testing pkr, IPC tbg. RD tbg testing trk, set pkr @ 3559'. Tested pkr to 560 psi for 30 mins. Held ok. SWN & SDON.

12/09/2020 - Unlatch from pkr. Circ 85 bbls of pkr fluid. Latch back to pkr. Set in 10k compression. ND BOP. NU WH. Tree. Run chart.

Start 550#, End 550#

TFH Ser#1432

1000#, 32 mins

Test good. No OCD present. RD chart. RDMO PU. Clean location. RWTI.

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name <i>Cross Timbers Energy LLC</i>	API Number <i>30-025-08337</i>
Property Name <i>South East Maljamar GB/SA Unit</i>	Well No. <i>102</i>

Surface Location

UL - Lot <i>I</i>	Section <i>30</i>	Township <i>17S</i>	Range <i>33E</i>	Feet from <i>1980</i>	N/S Line <i>FSL</i>	Feet From <i>660</i>	E/W Line <i>FEL</i>	County <i>LEA</i>
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Well Status

TA'D Well YES ☐ NO ☒	SHUT-IN YES ☐ NO ☒	INJECTOR ☒ INJ SWD	PRODUCER OIL <i>n/a</i> GAS	DATE <i>12-9-20</i>
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Active

OBSERVED DATA

	(A)Surf-Interm	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	<i>0</i>	<i>n/a</i>	<i>n/a</i>	<i>0</i>	<i>0</i>
Flow Characteristics					
Puff	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	CO2 ☐
Steady Flow	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	WTR ☒
Surges	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	GAS ☐
Down to nothing	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	If applicable type
Gas or Oil	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	fluid injected for
Water	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	<i>Y/N</i>	Waterflood

If bradenhead flowed water, check all of the descriptions that apply:

CLEAR	FRESH	SALTY	SULFUR	BLACK
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Remarks: Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Post WORKOVER
Start 550#
END 550#
TFH SER#1432
Cal = 9-26-20
1000#
32 min

Signature: <i>[Signature]</i>	OIL CONSERVATION DIVISION
Printed name: <i>KEVIN BENNETT</i>	Entered into RBDMS
Title:	Re-test
E-mail Address:	
Date: <i>12-9-20</i>	Phone:
Witness:	

K7

