**OCD** Received 7/15/2020

Page 1 of 11 FORM APPROVED

(June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OMB NO. 1004-0137 Expires: January 31, 2018

6. If Indian, Allottee or Tribe Name

٠.	Ecuse Seriai 110.
	NIN AO EO ZOA CO
	NMSF079162
	14101010102

SUNDRY NOTICES AND REPOR Do not use this form for proposals to d abandoned well. Use form 3160-3 (APD)	rill or to re-enter an

SUBMIT IN TRIPLICATE - Other inst	tructions on page 2	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well		8. Well Name and No.
☐ Oil Well  ☐ Other		MILES FEDERAL 2
2. Name of Operator Contact:  CROSS TIMBERS ENERGY LLC E-Mail: savarello@	9. API Well No.	
CROSS TIMBERS ENERGY LLC E-Mail: savarello@	mspartners.com	30-039-06533-00-S1
3a. Address #36 ROAD 350	3b. Phone No. (include area code) Ph: 827-334-7747	10. Field and Pool or Exploratory Area BASIN DAKOTA
FLORA VISTA, NM 87415	FII. 027-334-7747	BASIN DAROTA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description	)	11. County or Parish, State
Sec 7 T26N R7W SESW 0950FSL 1480FWL 36.496338 N Lat, 107.620117 W Lon		RIO ARRIBA COUNTY, NM

	12. CHECK THE AF	PPROPRIATE BOX(ES) TO	INDICATE NATURE OF	F NOTICE, REPORT, OR OTH	IER DATA							
	TYPE OF SUBMISSION	TYPE OF ACTION										
	□ Notice of Intent	☐ Acidize ☐ Alter Casing	☐ Deepen ☐ Hydraulic Fracturing	☐ Production (Start/Resume) ☐ Reclamation	☐ Water Shut-Off ☐ Well Integrity							
MK	Subsequent Report     ■	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other							
	☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Temporarily Abandon								
		□ Convert to Injection	☐ Plug Back	■ Water Disposal								

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

CTE completed P&A procedures for the Miles Federal 002 on 06/17/2020.

Attachments

- -Final P&A WBD
- -P&A Job Summary
- -Cement Treatment Report

14. I hereby certify that t	he foregoing is true and correct.  Electronic Submission #520427 verifie For CROSS TIMBERS ENERG' Committed to AFMSS for processing by J0	LLC,	sent to the Farmington	
Name (Printed/Typed)	SAMANNTHA AVARELLO	Title	REGULATORY TECHNICIAN	
Signature	(Electronic Submission)	Date	06/26/2020	
	THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE	
Approved By ACO	CEPTED		OE KILLINS ENGINEER	Date 07/15/2020
certify that the applicant ho	any, are attached. Approval of this notice does not warrant or olds legal or equitable title to those rights in the subject lease olicant to conduct operations thereon.	Office	e Farmington	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

#### Revisions to Operator-Submitted EC Data for Sundry Notice #520427

**Operator Submitted BLM Revised (AFMSS)** 

ABD SR ABD Sundry Type: SR

Lease: NMSF079162 NMSF079162

Agreement:

Operator: CROSS TIMBERS ENERGY, LLC CROSS TIMBERS ENERGY LLC

400 W 7TH STREET FORT WORTH, TX 76102 #36 ROAD 350 FLORA VISTA, NM 87415 Ph: 817-334-7747 Ph: 505-334-7438

SAMANNTHA AVARELLO REGULATORY TECHNICIAN SAMANNTHA AVARELLO REGULATORY TECHNICIAN Admin Contact: E-Mail: savarello@mspartners.com E-Mail: savarello@mspartners.com

> Ph: 817-334-7747 Ph: 827-334-7747

SAMANNTHA AVARELLO REGULATORY TECHNICIAN SAMANNTHA AVARELLO REGULATORY TECHNICIAN Tech Contact:

E-Mail: savarello@mspartners.com E-Mail: savarello@mspartners.com

Ph: 817-334-7747 Ph: 827-334-7747

Location:

NM RIO ARRIBA

State: County: NM RIO ARRIBA **BASIN DAKOTA BASIN DAKOTA** Field/Pool:

MILES FEDERAL 2 Sec 7 T26N R7W SESW 950FSL 1480FWL 36.496338 N Lat, 107.620117 W Lon Well/Facility:

MILES FEDERAL 2 Sec 7 T26N R7W SESW 0950FSL 1480FWL 36.496338 N Lat, 107.620117 W Lon



# Job Summary for MILES FEDERAL 02 - 3003906533

## Permanently Plug & Abandon Well-06/11/2020

Date	Summary
06/11/2020	MIRU Aztec Well Service PU #993. SITP 40 psig. SICP 0 psig. BD TBG to pit. Ppd dwn tbg w/26 bbls fresh wtr. RU fish tls. RIH w/2"JDC. POH. Rec bar stock plngr. RIH w/2"JDC. POH. Rec fl BHBS. LD fish tls. ND WH. NU and function test BOP, rig up for 23/8" tbg. Work tbg to release Lock set packer, TOH 24 stands dragging packer, Work tbg to release packer, TOH w/ 77 jts of 23/8" tbg, 4 ½" Lock set packer, 82 jts of 2 3/8" tbg, SN & NC. PU & TIH w/3 7/8" bit/casing scraper, to 3509'. SWI. SDFN.
06/12/2020	0 psi SITP 0 psi SICP, Continue TIH with bit/scraper to 6533. Work scraper @4372' and 6497', TOH, lay down bit/scraper. Make up 4 ½" CICR, TIH and set retainer @6518', 49' above top Dakota perf @ 6567'. Pressure test tbg to 1000 psi, test was good. Sting out of retainer, Roll hole with 80 bbls of fresh water. Attempt to pressure test 4 ½" casing to 600 psi, test failed, lost 50 psi per minute. Mix and pump 20 sks (4.2 bbls) of 15.8# 1.18 yield class G cement, Displace with 23.5 bbls of fresh water. Calculated TOC @6254' (Dakota/Graneros). Lay down 9 jts of 2 3/8" tbg, TOH with remaining tbg. Rig up wireline, Run CBL from 6200' to surface, Send E copy to BLM/NMOCD. SWI, SDFWE. Witnessed by Mr. Mark Decker with BLM
06/15/2020	Travel to location, hold pjsm. 0 psi SICP, 0 psi on braden head. Rig up wireline, RIH with 3 1/8" perf gun, tag cement stringer @ 6148', pull up to 5810', perforate 4 spf. POH, Attempt to establish injection rate @ less than ¼ bpm @ 1000 psi (no rate). TIH open ended with 2 3/8" tbg, tag TOC @ 6254' (Graneros top @ 6420'). Pull EOT to 5860'(Gallup 5575' – 5475') Mix and pump 33 sks ((6.9 bbls) of 15.8" 1.18 yield clss G cement W/ 2% calcium, displace with 20.5 gallons of fresh water, Lay down 15 jts, TOH with remaining tbg (wet). WOC 4 hrs. RIH with 3 1/8" perf gun, tag TOC @ 5475', pull up and perforate 4 spf @4670' (Mancos 4670' – 4570'). POH, attempt to establish injection rate, less than ¼ bpm @ 600 psi (no rate). TIH open ended with 2 3/8" tbg to 4716', mix and pump 15 sks (3.1 bbls) of 15.8# 1.18 yield class G cement. Displace with 17.5 bbls of fresh water, lay down 7 jts, TOH 5 stands, reverse circulate 20 bbls. SWI. SDFN. WOC overnight. Witnessed by Mr. Mark Decker with BLM. Mr. Brandon Powell with NMOCD gave verbal approval.
06/16/2020	Travel to location, hold pjsm, 0 psi SICP, 0 psi on braden head. TIH, tag TOC @4623'(Mancos top). Mesa Verde (3782' – 3682') TOH laying down 2 3/8" tbg, set EOT @3786', mix and pump 15 sks, (3.1 bbls) of 15.8# 1.18 yield class G cement with 1% calcium, displace with 14 bbls of fresh water, TOH 10 jts, reverse circulate 17 bbls. WOC 5 hrs (08:30 – 13:30), TIH, tag TOC @3560'. Pressure test 4 ½" casing to 540 psi for 30 minutes from cement plug @3560' to surface, test was good. Chacra (3079' – 2979') TOH laying down tbg, set EOT @3078', mix and pump 12 sks, (2.5 bbls) of 15.8# 1.18 yield class G cement, displace with 10.5 bbls of fresh water. Fruitland coal/Picture cliffs (2205' – 1900') TOH laying down tbg. set EOT @2197', mix and pump 27 sks (5.7bbls) of 15.8# 1.18 yield class G cement, displace with 6.5 bbls of fresh water. Ojo Alamo/Kirtland (1550' – 1170') TOH laying down tbg, set EOT @1563', mix and pump 33 sks (6.9 bbls) of 15.8# 1.18 yield class G cement, displace with 4 bbls of fresh water. Lay down remaining tbg, SWI. SDFN.  Witnessed by Mr. Mark Decker with BLM. Mr. Brandon Powell with NMOCD gave verbal approval.

Page 1/2 6/18/2020



# Job Summary for MILES FEDERAL 02 - 3003906533

### Permanently Plug & Abandon Well-06/11/2020

Travel to location, hold pjsm, 0 psi SICP, 0 psi on braden head. Rig up wireline. RIH and perforate 4spf @350' (8 5/8" shoe @270'). Pump 3 bbls of fresh water down casing to establish circulation out braden head. Nipple down BOP, nipple up wellhead. Mix and pump 107 sks (22.5 bbls) of 15.8# 1.18 yield class G cement, circulate 1 bbl out braden head. Cut off wellhead, Install P&A marker. Pump13 sks (2.7 bbls) of cement to top off casing and fill cellar. RDMO Aztec Well Sevicing PU #993. Witnessed by Mr. Mark Decker with BLM. Verbal approval from Mr. Brandon Powell with NMOCD.

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			IMBERS E	NERGY		DATE: <u>June 11, 2020</u> A				API Number: <u>30-039-06533</u> TYPE OF JOB:					P&A			
	VELL NAME		Miles Fed	deral #2			LOCATION		Sec 5 T26N	N R7W	SERVICE SUP:		MICHEL C				-	
SERVICE (	CONTRACT	OR:	993				OPERATO	R:	AWS			COUNTY:		RIO ARRIBA	STATE:	NEW	MEXICO	
MATERIAL	S FURNISH	HED:			TYPE OF PLU	JGS:	LIST	CSG. HARD	WARE:	SQUEEZE	TOP		PH	YSICAL SLURR	Y PROPERTIE	S:		
					ЮP	N/A				MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX	
				BO	ТТОМ	0				NO	EACH	WEIGHT:	YIELD:	REQ.:	TIME:	l l	WATER:	
DDE =: :::							I			I .	FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls	
PRE-FLUS	H - FRES	SH WATER																
AVAILABLE N	AIV WATED:	30.0	BBLS		AVAII ADI E F	DISPLACEMENT V	MATED:	210.0	DDIC					l	TOTAL M	V WATED:	0.0	
AVAILABLE	HOLE	30.0	BBLS	TBG	CSGD.P.	DISPLACEMENT	WAILK.		-CSGD.P.					COLLAR DEPTH		WAILK.	0.0	
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE	1		
10 1/2	100	270	8 5/8	24.00	J-55	270	2 3/8	4.70	N/A	6,595			0	0	0	1		
	LAST C	ASING	•	PKR	CMT RET-BR	PL-LINER	PERF DE	PTHS		TOP C	ONNECTION	·		WEL	LBORE FLUID	•		
SIZE	WEIGHT	TYPE	DEPTH		& TYPE	DEPTH	TOP	BOTTOM		SIZE	THREAD	]		TYF		WEIGHT		
4 1/2	11.60	J-55	6,754		I/A	N/A	6,567	6,622	<u> </u>	2 3/8	8 ROUND			PRODUCE		8.30		
		EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX	_	TBG. PSI	-	CASING PSI			DISPLACEMENT F			ATER	
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO R	EVERSE	SQ. PSI	RATED	OP	RATED	OP	[		TYPE	WEIGHT		URCE	
		<u> </u>		0		0	500 PSI	0	0	0	0		FRES	SH WATER	8.30	WATE	R WELL	
		UBLE SETTING PRIOR TO CEI																
RUNNING C	ASING, ETC.,	FRIOR TO CE	WENTING:															
		PUMP DE	TAII C:			I					DAILY SU	MMADV.						
TIME	DDECCI	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IC.	CREW	1	CO. REP	✓ DAILY SU	WIWART:						
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:	NG:	CREW		0 CO. REP	PSI	ł						
FIR. IVIIIN.	FIFE	ANNULUS	DPIVI.	PUMPED.	ITPE.	CIRCULATING V	/FIL RIG:		П	WPS	F31	ł						
5:30	_		-					ıin		WIO								
				-			re trip and start up equip.											
6:00	-	-	-	-	-		oad rig and equip to location.											
8:00	-	-	-	-	-	Spot in unit and equip.												
8:30						RU unit and equipment. Check PSI on Well, 40 psi tbg, 0 psi csg and BH.												
9:15									psi csg and	d BH.								
9:45						Pump 30 bbl												
10:00	•	-	-	-	-	RU lubricato				ing, RD lubri	icator.							
11:30	-	-	•	•	-	ND well head												
12:15						Release pack												
16:45	-	-	-	-	•	TIH with 4-1/2		craper 5	5 stands EC	OT @ 3509'.								
17:30						Secure well,												
18:00						Travel to AW	S yard.											
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BUMPED		I TO		ST	TOTAL	BBL CMT.	PSI		SPOT		LL SERVICING (	O REP.:			HEL CRANE			
PLUG:		JMP		DAT	BBL.	RETURNS/			TOP	CUSTOMER				JOE	Y ROBINSON			
NI/A		UG:		MENT:	PUMPED:		CSG.:		MENT:	CUSTOMER	R REP. SIGNATU	IKE:		CLISTOME	R AUTHORIZING AGEN	т		
N/A	N	/A	L N	/A	0.0	1.5	0		1163'					GUSTOME	ONIZING AGEN	•		



CUSTOMER: CROSS TIMBERS ENERGY						DATE: June 12, 2020					API Number: <u>30-039-06533</u> TYPE OF JOB:						
LEASE & W	VELL NAME	<b>:</b> :	Miles Fed	deral #2			LOCATION		Sec 5 T26N	N R7W	SERVICE SUP:		MICHEL C	RANE			
SERVICE C	CONTRACT	OR:	993				OPERATO	R:	AWS			COUNTY:		RIO ARRIBA	STATE:	NEW	MEXICO
MATERIAL	S FURNISH	HED:			TYPE OF PLU	JGS:	LIST	SG. HARD	WARE:	SQUEEZE	TOP		PH	IYSICAL SLURR	Y PROPERTIE	S:	
				Т	OP	N/A				MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BO	TTOM	0				NO	EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:
										110	FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
PRE-FLUS	H - FRES	SH WATER															
Plug #1. Da	akota perfs	and Grane	ros top: M	&P 20 sxs	. 15.6# clas	s G cmt from	6517' to 62	47' TOC.			6,247	15.60	23.60	5.20		4.2	2.5
, , , , , , , , , , , , , , , , , , ,					,						-,						
					✓	✓											
AVAILABLE N	IIX WATER:	30.0	BBLS		AVAILABLE [	DISPLACEMENT \	WATER:	210.0	BBLS						TOTAL MI	IX WATER:	2.5
	HOLE			TBG	CSGD.P.			TBG	CSGD.P.					COLLAR DEPTH			
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE	1	
10 1/2	100	270	8 5/8	24.00	J-55	270	2 3/8	4.70	N/A	6,595			0	0	0		
	LAST C	ASING			CMT RET-BR	PL-LINER	PERF DE	PTHS		TOP C	ONNECTION			WEL	LBORE FLUID		
SIZE	WEIGHT	TYPE	DEPTH	BRANI	& TYPE	DEPTH	TOP	воттом		SIZE	THREAD	[		TYP		WEIGHT	
4 1/2	11.60	J-55	6,754		I/A	N/A	6,567	6,622		2 3/8	8 ROUND			PRODUCE		8.30	
		EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX		TBG. PSI		CASING PSI			DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO R	EVERSE	SQ. PSI	RATED	OP	RATED	OP	[		TYPE	WEIGHT		URCE
				0		0	500 PSI	0	0	0	0		FRES	SH WATER	8.30	WATE	R WELL
		UBLE SETTING															
RUNNING C	ASING, ETC.,	PRIOR TO CE	MENTING:														
		PUMP DE	TAILS:								DAILY SU	MMARY:					
TIME		JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	IG:	CREW		CO. REP							
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				0	PSI						
						CIRCULATING W	/ELL RIG:			WPS							
5:30	-	-	-	-		Travel to loc.											
7:00	-	-		-		Service and	start rig and	d equip, 1	ill out JSA,	held safety	mtg.						
7:15	-		-	-		Check PSI on Well, 0 psi. on Csg no tbg in hole, 0 psi on BH.											
7:30						TIH w 4-1/2" casing scraper to 6533' (tight spots @ 4311'+/- & 6496').											
8:15						TOOH w tbg, LD Csg scraper.											
									05471								
9:45						PU 4-1/2 CICI											
11:45	-	-	•	-	-						le w 85bbls of fr				test).		
13:30	-	-	-	-	-					&P 20 sxs, 1	5.6# class G cmt	from 6517	to 6247' 1	roc.			
13:00						LD 9 jts, TOC	H with tub	ing LD se	etting tool.								
14:30	-	-	-	-	-	RU WL, run (	CBL from 6	200' to su	ırface, RD \	NL.							
16:30						Secure well,	SDFN.										
17:00						Travel to AW	S yard.										
		<b>†</b>															
		<del>                                     </del>															
<b> </b>		-															
<b> </b>		1	1							BLM REP (	ON LOC, MARK I	DECKER					
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		L	L											·			
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BUMPED	50	LTO		ет	TOTAL	DD: CTT	BCI	_	DOT	A 7TEC 141	I SERVICING	OPER		1410	HEL CRANE		
		I TO		ST	TOTAL	BBL CMT.	PSI		POT		LL SERVICING O	O KEP.:			HEL CRANE		
PLUG:		JMP		DAT	BBL.	RETURNS/			TOP	CUSTOMER				JOE	Y ROBINSON		
F1/A		UG:		MENT:	PUMPED:		CSG.:		MENT:	CUSTOMER	R REP. SIGNATU	IKE:		CHSTONE	R AUTHORIZING AGEN	т	
N/A	N	/A	N	/A	0.0	1.5	0	1	163'					CUSTOME			



CUSTOME	R:		CROSS T	IMBERS E	NERGY	DATE: <b>June 15, 2020</b>					API Number: 30-039-06533 TYPE OF JOB:					P&A		
	VELL NAME		Miles Fed	deral #2			LOCATION		Sec 5 T26N	N R7W	SERVICE SUP:		MICHEL C		07475	NEW MEXICO		
	CONTRACT		993	1			OPERATO		AWS			COUNTY:		RIO ARRIBA	•		MEXICO	
MATERIAL	S FURNISH	HED:		-	TYPE OF PLU	JGS: N/A	LIST	CSG. HARD	WARE:	SQUEEZE MANIFOLD:	TOP OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX	
					ТТОМ	0				NO	EACH	WEIGHT:	YIELD:	REQ.:	TIME:	OLUMNI.	WATER:	
						-				NO	FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls	
	H - FRES																	
						om 5860' to 54					5,414	15.60	38.94	5.20		6.9	4.1	
riug #3, M	ancos top:	₩&P 15 SXS	s, 15.6# Cl	ass G cmt	rrom 4716'	to 4514' TOC	-				4,514	15.60	17.70	5.20		3.2	1.9	
					1													
								040.0								<u> </u>		
AVAILABLE N	HOLE	30.0	BBLS	TBG	CSGD.P.	DISPLACEMENT \	WATER:	210.0 TBG.	CSGD.P.					COLLAR DEPTH		IX WATER:	6.0	
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE			
10 1/2	100	270	8 5/8	24.00	J-55	270	2 3/8	4.70	N/A	6,595			0	0	0			
SIZE	WEIGHT	TYPE	DEPTH		CMT RET-BR	PL-LINER DEPTH	TOP	BOTTOM		TOP C SIZE	ONNECTION THREAD	-		WEL TYF	LBORE FLUID	WEIGHT		
4 1/2	11.60	J-55	6,754		I/A	N/A	6,567	6,622		2 3/8	8 ROUND			PRODUCE		8.30		
	TED DISPLAC	EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX		TBG. PSI	MAX	CASING PSI			DISPLACEMENT F			ATER	
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO R	EVERSE	SQ. PSI	RATED	OP	RATED	OP			TYPE	WEIGHT		URCE	
				0		0	500 PSI	0	0	0	0		FRE	SH WATER	8.30	WATE	R WELL	
FYPI AN	ΙΔΤΙΩΝ: ΤΡΩ	UBLE SETTING	S TOOL															
		PRIOR TO CE																
						T												
		PUMP DE		I							DAILY SU	MMARY:						
TIME HR: MIN:	PRESSU	JRE - PSI ANNULUS	RATE BPM:	BBL FLUID PUMPED:	FLUID TYPE:	SAFETY MEETIN TEST LINES:	IG:	CREW		CO. REP	PSI	1						
TIIX. WIIIV.	FIFE	ANNOLOS	DFIVI.	FOWFLD.	HIFE.	CIRCULATING W	/ELL RIG:			WPS	FOI							
5:30			-	-		Travel to loc.												
7:00	-		-	-	-	Service and	ervice and start rig and equip, fill out JSA, held safety mtg.											
7:15	-	-	-	-	-	Check PSI or	Check PSI on Well, no tbg, 0psi on csg and BH.											
7:30						RU WL RIH and tag TOC @ 6143', come up and perf @ 5810', RD WL												
8:15						Attempt to establish injection rate (unsuccessful).												
8:30						TIH open end						1 ( - E 4 4 1 T						
9:45 10:15		-	-	-	-	LD 15 jts, TO			, w 2% cai,	15.6# Class	G cmt from 5860	1° to 5414° 1	OC.					
13:45	-		-	-	-	RU WL RIH a			. come un :	and perf @ 4	1670'. RD WI .							
14:30	-	-	-	-	-	Attempt to es					, , , , , , , , , , , , , , , , , , , ,							
14:45						TIH open end	ded LD 11 jt	ts EOT @	4716'.	·								
15:45						Plug #3, Man	cos top: M	&P 15 sx	s, 15.6# cla	ss G cmt fro	m 4716' to 4514	' TOC.						
16:15						LD 7 jts and												
16:30						Reverse out		resh, trac	ce of cmt re	turned.								
16:45						Secure well,												
17:00		<del> </del>				Travel to AW	o yard.											
		<u> </u>																
		İ																
					-					BLM REP (	ON LOC, MARK	DECKER	-					
		-	-															
		İ																
	_						_		_		_	_		_				
	-						-		-			-						
				ļ														
		<u> </u>	-															
		-	-															
BUMPED	PS	ТО	TE	ST	TOTAL	BBL CMT.	PSI	s	РОТ	AZTEC WE	LL SERVICING	CO REP.:		MIC	HEL CRANE			
PLUG:		JMP	FLO	DAT	BBL.	RETURNS/		1	ГОР	CUSTOMER	R REP.:				Y ROBINSON			
		UG:		MENT:	PUMPED:		CSG.:		MENT:	CUSTOMER	R REP. SIGNATU	JRE:		CHETCHE	R AUTHORIZING AGEN	ıT		
N/A	N	/A	N	/A	0.0	1.5	0	1	163'	I				CUSTOME	AU I NURIZING AGEN			



CUSTOME											API Number: 30-039-06533			TYPE OF JOB:		P & A		
	VELL NAME CONTRACT		Miles Fed 993	ieral #2			LOCATION OPERATO		Sec 5 T26N AWS	N K/W	SERVICE SUP:	COUNTY:	MICHEL C		STATE:	NEW	MEXICO	
	S FURNISH				TYPE OF PLU	JGS:		SG. HARD		SQUEEZE	TOP			YSICAL SLURR	•			
				Т	OP	N/A				MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX	
				BO	ТТОМ	0				NO	EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls	
PRE-FLUS	H - FRES	SH WATER		•														
Plug #4, Cl	liff House to	op: M&P 15	sxs, w 1%	6 cal, 15.6≉	# class G c	mt from 3786'	to 3584' TC	C.			3,584	15.60	17.70	5.20		3.2	1.9	
						to 2916' TOC.					2,916	15.60	14.16	5.20		2.5	1.5	
						m 2207' to 18					1842	15.60	31.86	5.20		5.7	3.3	
Plug #7, Ki	irtland & Oj	jo Alamo to <sub>l</sub>	ps: M&P 3	3 sxs, 15.0	6# class G	cmt from 1563	3' to 1117' T	OC.			1117	15.60	38.94	5.20		6.9	4.1	
					<b>V</b>	<b>✓</b>												
AVAILABLE N	AIV WATED:	30.0	BBLS		AVAII ABI E I	DISPLACEMENT	MATED:	210.0	DDI C			<u>l</u>			TOTAL M	V WATED:	10.8	
AVAILABLE	HOLE	30.0	DDLO		CSGD.P.	DISPLACEMENT	WATER:		-CSGD.P.					COLLAR DEPTH		WATER:	10.0	
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE			
10 1/2	100 LAST C	270 ASING	8 5/8	24.00 PKR	J-55 -CMT RET-BR	270 PL-LINER	2 3/8 PERF DE	4.70 PTHS	N/A	6,595 TOP C	ONNECTION	1	0	0 WEL	.LBORE FLUID	]		
SIZE	WEIGHT	TYPE	DEPTH		O & TYPE	DEPTH	TOP	ВОТТОМ	1	SIZE	THREAD	1		TYF	PE	WEIGHT		
4 1/2	11.60	J-55	6,754		I/A	N/A	6,567	6,622	TD0 70:	2 3/8	8 ROUND		1	PRODUCE		8.30	ATED	
TUBING	CASING	CASING	ME; BBL TOTAL	CAL. PSI BUMP PLUG		MAX PSI EVERSE	OP. MAX SQ. PSI	RATED	TBG. PSI OP	RATED	OP	1	-	TYPE	LUID WEIGHT		ATER URCE	
				0	.51	0	500 PSI	0	0	0	0	<u> </u>	FRE	SH WATER	8.30		R WELL	
		UBLE SETTING PRIOR TO CE																
		PUMP DE	1	ı							DAILY SU	MMARY:						
TIME HR: MIN:	PRESSU PIPE	JRE - PSI ANNULUS	RATE BPM:	BBL FLUID PUMPED:	FLUID TYPE:	SAFETY MEETIN TEST LINES:	1G:	CREW		CO. REP	PSI							
TIIX. WIIIV.	FIFE	ANNOLOS	DFIVI.	FOWFLD.	TIFE.	CIRCULATING W	/ELL RIG:			WPS	FOI							
5:30	-		-	-	-	Travel to loc.	evel to loc.											
7:00	-	-	-	-	-		ervice and start rig and equip, fill out JSA, held safety mtg.											
7:15	-	-	-	-	-		check PSI on Well, 0 psi tbg,csg and BH.											
7:30 7:45							'IH tag plug #3 @ 4527' tag good. Attempt to pressure test casing (NO TEST).											
8:00						LD 25 jts, EO		Lusing	(NO ILSI).									
8:15	-	-	-	-	-			: M&P 15	5 sxs, w 1%	cal, 15.6# cl	ass G cmt from	3786' to 35	84' TOC.					
8:30	-	-	-	-		WOC, LD 10			6 bbls fresh	, 1/2 bbl cmt	returned.							
13:30						PU 4 jts, tag												
13:45 14:15		-	-	-	-	Pressure test		Jpsi (GO	OD IEST).									
14:30								&P 12 sxs	s. 15.6# clas	s G cmt froi	n 3078' to 2916'	TOC.						
15:00						LD 28 jts, EO												
15:15								tops: Ma	&P 27 sxs, 1	5.6# class G	cmt from 2207'	to 1842' To	OC.					
15:30		<u> </u>				LD 20 jts, EO												
15:45 16:00		<del>                                     </del>				Roll the hole			ns: M&D 23	Reye 15.6#	class G cmt fron	1563' to 1	117' TOC					
16:15						LD all tubing			po. mor 30	JAG, 13.0# (	J. GOO O OHIL HOH	. 1000 10 1	100.					
16:45						Secure well,		•										
17:00		ļ				Travel to hot	el.											
		-																
										BLM REP (	ON LOC, MARK I	DECKER						
												· · · · · ·						
		<u> </u>																
												· · · · · ·					·	
		<del>                                     </del>																
BUMPED		I TO		ST	TOTAL	BBL CMT.	PSI		POT		LL SERVICING (	O REP.:			HEL CRANE			
PLUG:		IMP UG:		DAT MENT:	BBL. PUMPED:	RETURNS/ REVERSED:	LEFT ON CSG.:		TOP MENT:	CUSTOMER	R REP.: R REP. SIGNATU	IRF:		JOE	Y ROBINSON			
N/A		/A		/A	0.0	1.5	0		1163'	JUD / OINIE	51014710			CUSTOME	ER AUTHORIZING AGEN	Т		



				IMBERS I	ENERGY		DATE:				API Number: 30-039-06533 TYPE OF JOB:					P&A			
LEASE & V	VELL NAME	<u>:</u>	Miles Fed	deral #2			LOCATION		Sec 5 T26	N R7W	SERVICE SUP:		MICHEL C	RANE	-				
SERVICE (	CONTRACT	OR:	993				OPERATO	R:	AWS			COUNTY:		RIO ARRIBA	STATE:	NEW	MEXICO		
MATERIAL	S FURNISH	IED:			TYPE OF PLU		LIST	CSG. HARD	WARE:	SQUEEZE	TOP			YSICAL SLURR					
					TOP	N/A				MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX		
				ВО	TTOM	0				NO	EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:		
											FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls		
PRE-FLUS																			
Plug #8, Na	acimiento t	op & Surfac	e: M&P 1	20 sxs, 15	.6# class G	cmt from 350	' to 0', until	good cn	nt returns o	out BH.	0	15.60	141.60	5.20		25.2	14.9		
					<b>√</b>	4													
AVAILABLE N	IIX WATER:	30.0	BBLS		AVAILABLE I	DISPLACEMENT	WATER:	210.0	BBLS					•	TOTAL M	IX WATER:	14.9		
	HOLE			TBG	CSGD.P.			TBG.	-CSGD.P.					COLLAR DEPTH	IS				
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE				
10 1/2	100	270	8 5/8	24.00	J-55	270	2 3/8	4.70	N/A	6,595			0	0	0				
	LAST C				-CMT RET-BR		PERF DI				ONNECTION				LBORE FLUID				
SIZE	WEIGHT	TYPE	DEPTH		D & TYPE	DEPTH	TOP	BOTTOM		SIZE	THREAD			TYF		WEIGHT			
4 1/2	11.60	J-55	6,754		N/A	N/A	6,567	6,622	TRC PC:	2 3/8	8 ROUND			PRODUCE		8.30	ATED		
TUBING	CASING	CASING	ME; BBL TOTAL	CAL. PSI BUMP PLUG		MAX PSI EVERSE	OP. MAX SQ. PSI	RATED	TBG. PSI	RATED	OP	1		TYPE	WEIGHT		ATER URCE		
TUBING	CASING	CASING	TOTAL	<b>0</b>	IUR	0	500 PSI	0 0	0	0	0		EDE	SH WATER	8.30		R WELL		
		<u> </u>	<u> </u>		ļ		300 F 31			U			FKL	SHWAILK	0.30	WAIL	K WLLL		
FXPI AN	IATION: TRO	UBLE SETTING	TOOL																
		PRIOR TO CE																	
		PUMP DE	TAILS:								DAILY SU	MMARY:							
TIME	PRESSU	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW		CO. REP									
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				0	PSI								
						CIRCULATING V	VELL RIG:			WPS									
5:30	-	-	-	-	-	Travel to loc	avel to loc.												
7:00	-	-	-	-	-	Service and	ervice and start rig and equip, fill out JSA, held safety mtg.												
7:15	-	-	-	-	-		neck PSI on Well, no tbg on well, 0 psi on csg and BH.												
7:30							RU WL, perf @350', establish circulation out BH, RD WL.												
8:00						RD work floor, ND BOP - NU well head.													
8:30										0 sxs. 15.6#	class G cmt froi	n 350' to 0'	. until goo	d cmt returns o	ut BH.				
9:00	-	_	_	-	_	Cut off well I							, and goo	<u> </u>					
10:00			_			RD unit and				op on ocmen									
10:45		_	_	_	_	Pre trip equi			111.										
10.43						Fre trip equi	p for rig file	ove.											
		-		_	-														
										DI M DED (	ON LOC, MARK	DECKER							
										DLIWI KEP (	ON LOC, WARK	DECKER							
<b>-</b>																			
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			-	1															
DU:		L		L	TC=::	DD: 2:		-	DOT	A 77= 0 ···	L OFFICE :	20.0==			UEL 65				
BUMPED		TO		ST	TOTAL	BBL CMT.	PSI		POT		LL SERVICING (	O KEP.:			HEL CRANE				
PLUG:		MP		DAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOMER		IDE.		JOE	Y ROBINSON				
NI/A		UG:		MENT:	PUMPED:		CSG.:		MENT:	CUSTOMER	R REP. SIGNATU	KE:		CLISTOME	R AUTHORIZING AGEN				
N/A	N	/A	L N	/A	0.0	1.5	0	1	1163'	I				CUSTOME	NEINENU MUEN				

## Cross Timbers Energy, LLC

		Cross II			9,,	1				
Well: Miles Federal #002 - AS PLUGGED WBD				Field: Basin Dakota Date: 06/18/2020						
Loc: 950' FSL & 1480' FWL County: Rio Arriba			T26N-R7W-S5 State: New Mexico							
API# 30-039-06533			Size, in Wgt, lb/ft Grade Hole Size Depth			Cmt - SX				
H	Surf. Csg:	8-5/8	24#	J-55	12-1/4"	270	140 sx Class C to Surf			
GL: 6175'										
SPUD: June 14, 1965 COMPLETION: July 13, 1965		Prod Csg:	4-1/2	10.5-11.6#	J-55	7-7/8	6754	400 sx		
MTD: 6754' PBTD: 6750' CURRENT STAT		CURRENT STATI	JS: P&A			<u> </u>				
	Plug 8: 120 SX Cement F/ 0' - 350'									
Surface Casing 8-5/8 @ 270 ft cmt 275 to surf.					Perf 4-1/2" ca	sing @ 350'				
Production				P	Top of Kirtle Top of Kirtle lug 6: 27 SX Ceme Top of Fruitl Top of Pictured	and: 1500' ent F/ 1842' - and: 1950'				
Casing 4-1/2 @ 6754 ft Cmt w/ 1600 sx w/ 67 sx excess to surf				P	lug 5: 12 SX Ceme Top of Cha		3078'			
					Plug 4: 15 SX Ceme Top of Cliff House/N					
				P	lug 3: 15 SX Ceme Top of Mand	ent F/ 4527' - cos: 4620'	4716'			
					lug 2: 33 SX Ceme					
		Plug 1: 20 SX Cement F/ 6254' - 6518'  CICR @ 6518'  Top of Dakota: 6420'  Dakota Perfs: 6567 - 6622'								
Perfs 6567' - 6622'	BTD: 6750'	Formati		Com	ments/Tops			ions/ Remarks 584-6593; 6608-6622		
M	TD: 6754'									

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III
1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 18450

#### **CONDITIONS OF APPROVAL**

Operator:			OGRID:	Action Number:	Action Type:
CROSS TIMBERS ENERGY, LLC	400 West 7th Street	Fort Worth, TX76102	298299	18450	C-103P

OCD Reviewer	Condition
mkuehling	None