Form 3160-5 (June 2015)

OCD Received 7/15/2020

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

Expires: January 31, 2018 5. Lease Serial No. NMSF079162

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

SUBMIT IN 1	RIPLICATE - Other inst	ructions on	page 2		7. If Unit or CA/Agree	ement, Name and/or No.		
Type of Well Oil Well	er				8. Well Name and No. MILES FEDERAL			
Name of Operator CROSS TIMBERS ENERGY L	Contact: { LC E-Mail: savarello@	SAMANNTHA mspartners.co	A AVARELLO m		9. API Well No. 30-039-06533-0	00-S1		
3a. Address #36 ROAD 350 FLORA VISTA, NM 87415		3b. Phone No. Ph: 827-33	(include area code 4-7747	e)		. Field and Pool or Exploratory Area BASIN DAKOTA		
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)				11. County or Parish,	State		
Sec 7 T26N R7W SESW 0950 36.496338 N Lat, 107.620117					RIO ARRIBA CO	OUNTY, NM		
12. CHECK THE AP	PROPRIATE BOX(ES)	TO INDICA	ΓE NATURE (OF NOTICE,	REPORT, OR OTH	HER DATA		
TYPE OF SUBMISSION			ТҮРЕ С	F ACTION				
☐ Notice of Intent	☐ Acidize	□ Deep	en	☐ Product	ion (Start/Resume)	■ Water Shut-Off		
_	☐ Alter Casing	☐ Hyda	aulic Fracturing	□ Reclam	ation	■ Well Integrity		
■ Subsequent Report	□ Casing Repair	□ New	Construction	□ Recomp	olete	☐ Other		
☐ Final Abandonment Notice	☐ Change Plans	■ Plug	and Abandon	□ Tempor	arily Abandon			
\mathcal{BP}	☐ Convert to Injection	☐ Plug	Back	■ Water I	Disposal			
following completion of the involved testing has been completed. Final Ab determined that the site is ready for final CTE completed P&A procedur Attachments -Final P&A WBD -P&A Job Summary -CBL -Cement Treatment Report	andonment Notices must be file nal inspection. es for the Miles Federal 0	d only after all 1	equirements, inclu	ding reclamatio	n, have been completed a	and the operator has		
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #5 For CROSS TIMB mmitted to AFMSS for prod	ERS ENERGY	LLC, sent to the	ne Farmingtor	1			
Name(Printed/Typed) SAMANNT	THA AVARELLO		Title REGU	LATORY TE	CHNICIAN			
Signature (Electronic S	uhmission)		Date 06/26/2	2020				
Digitature (Electronic B	THIS SPACE FO	R FEDERA			 SE			
Approved By ACCEPT	ED		JOE KILL Title ENGINEE	INS R		Date 07/15/2020		
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduction	itable title to those rights in the		Office Farmin	gton				
Title 18 U.S.C. Section 1001 and Title 43 V States any false, fictitious or fraudulent s					ake to any department or	agency of the United		



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.

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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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CUSTOME		_		IMBERS	ENERGY		DATE:		June 11, 2		API Number:	30-039-06		TYPE OF JOB:		P&A	
	WELL NAME		Miles Fe	deral #2			LOCATION		Sec 5 T26	N R7W	SERVICE SUP:		MICHEL C		-		ME\#6 =
	CONTRACT		993				OPERATO	R:	AWS			COUNTY:		RIO ARRIBA	_STATE:	NEW	MEXICO
MATERIAL	S FURNISI	IED:			TYPE OF PLU		LIST	CSG. HARI	OWARE:	SQUEEZE	TOP			IYSICAL SLURI			
					ГОР	N/A				MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BC	TTOM	0				NO	EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:
											FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
PRE-FLUS	H - FRES	SH WATER															
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AVAILABLE	MIX WATER:	30.0	BBLS		AVAILABLE [DISPLACEMENT	WATER:	210.0	BBLS						TOTAL N	IIX WATER:	0.0
	HOLE			TBG	SCSGD.P.			TBG	CSGD.P.					COLLAR DEPT	HS		
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	ASING		PKR	-CMT RET-BR	PL-LINER	PERF D	EPTHS		TOP C	ONNECTION			WE	LLBORE FLUID		
SIZE	WEIGHT	TYPE	DEPTH	BRAN	D & TYPE	DEPTH	TOP	BOTTOM		SIZE	THREAD]		TY	PE	WEIGHT	
4 1/2	11.60	J-55	6,754	I	N/A	N/A	6,567	6,622		2 3/8	8 ROUND	1		PRODUCE	D WATER	8.30	
CALCULA	ATED DISPLAC	EMENT VOLU		CAL. PSI	CAL.	MAX PSI	OP. MAX		TBG. PSI	MAX	CASING PSI			DISPLACEMENT F		-	ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUC		EVERSE	SQ. PSI	RATED	OP	RATED	OP	1		TYPE	WEIGHT		URCE
				0		0	500 PSI	0	0	0	0	1	FRE	SH WATER	8.30		R WELL
					1												
EXPLAN	NATION: TRO	UBLE SETTING	TOOL.														
		PRIOR TO CE															
		PUMP DE	TAII S:			I					DAILY SU	MMARY.			-		
TIME	DDESCI	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW	7	CO. REP	✓						
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:		TEST LINES:	NG.	CKEW		0		-					
HK: MIN:	PIPE	ANNULUS	BPIVI:	PUMPED:	TYPE:	CIRCULATING V	VELL DIO:			WPS	PSI	4					
				-						WPS		<u> </u>					
5:30	-	-	-	-	-	Pre trip and	start up eq	uip.									
6:00	-	-	-	-	-	Road rig and	l equip to le	ocation.									
8:00	-	-	-	-	-	Spot in unit	and equip.										
8:30						RU unit and											
9:15						Check PSI or			nei cea an	4 DU							
									psi csy ali	u bn.							
9:45				-		Pump 30 bbl			_		_						
10:00	-	-	-	-	-	RU lubricato				ing, RD lubr	icator.						
11:30	-	-	-	-	-	ND well head											
12:15						Release pack	ker and TO	OH, tally	tubing.								
16:45	-	-	-	-	-	TIH with 4-1/	2" casing s	craper 5	5 stands E0	OT @ 3509'.							
17:30						Secure well,	SDFN.										
18:00						Travel to AW											
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BUMPED	PS	I TO	TE	ST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	LL SERVICING (O REP.:		MIC	CHEL CRANE		
PLUG:		JMP		OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME					Y ROBINSON		
		UG:		PMENT:		REVERSED:	CSG.:		MENT:		R REP. SIGNATU	JRE:		001			
N/A		/A		I/A	0.0	1.5	0		1163'	100.0	OIOIATO			CUSTOM	ER AUTHORIZING AGEN	NT	
13/74	L N	y r-1		w /7	0.0	1.3				1							



CUSTOME				IMBERS	ENERGY		DATE:		June 12, 2		API Number:	30-039-06		TYPE OF JOB:		P & A	
LEASE & V SERVICE (Miles Fee	deral #2			LOCATION		Sec 5 T26l	N R7W	SERVICE SUP:	COUNTY:	MICHEL C	RANE RIO ARRIBA	CTATE:	NEW	MEXICO
MATERIAL			333	1	TYPE OF PLI	IGS:	_	CSG. HARD	-	SQUEEZE	TOP	_COUNTY:		YSICAL SLURF			III LAIGU
WIATERIAL	.S FURNISH	ILD.		<u> </u>	TYPE OF PLI	JGS: N/A	LIST	LOG. HARE	WAKE:	MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
					NOTTOM	0				NO	EACH	WEIGHT:	YIELD:	REQ.:	TIME:		WATER:
DDE =: :::							<u> </u>				FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
PRE-FLUS				10000	45.0# -1	n C c=+ (==	664717- 00) 47! TOO			0.047	45.00	22.00	F 00		4.0	2.5
Plug #1, Da	akota perrs	and Granei	ros top: W	I&P 20 SX	s, 15.6# clas	s G cmt from	6517° to 62	247 100	•		6,247	15.60	23.60	5.20		4.2	2.5
					✓	✓											
AVAILABLE N	HOLE	30.0	BBLS	TRO	AVAILABLE I SCSGD.P.	DISPLACEMENT	WATER:	210.0	-CSGD.P.				T	COLLAR DEPTI		IIX WATER:	2.5
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 D				ONNECTION	1			LBORE FLUID	1	ł
SIZE 4 1/2	WEIGHT 11.60	J-55	6,754		D & TYPE N/A	DEPTH N/A	TOP 6,567	6,622		SIZE 2 3/8	THREAD 8 ROUND	1		PRODUCE		WEIGHT 8.30	ł
		EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX		TBG. PSI		CASING PSI			DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUC	TO R	EVERSE	SQ. PSI	RATED	OP	RATED	OP			TYPE	WEIGHT	SC	URCE
		L		0		0	500 PSI	0	0	0	0		FRE	SH WATER	8.30	WATE	R WELL
=V51.44																	
		UBLE SETTING PRIOR TO CE															
		PUMP DE	TAILS:								DAILY SU	IMMARY:					
TIME		JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW		CO. REP		1					
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES: CIRCULATING V	VELL BIG:			0 WPS	PSI	-					
5:30		-	-	_	-	Travel to loc				WF3							
7:00	-	-	-	-	-	Service and		d equip.	fill out JSA	. held safety	mta.						
7:15	-		-	-		Check PSI or											
7:30											l'+/- & 6496').						
8:15						TOOH w tbg	, LD Csg sc	raper.									
9:45						PU 4-1/2 CIC	R, TIH and	set CR @	9 6517'.								
11:45	-	-	-	-	-						ole w 85bbls of f				o test).		
13:30	-	-	-	-	-					&P 20 sxs, 1	5.6# class G cm	from 6517	' to 6247'	гос.			
13:00						LD 9 jts, TOO				14/1							
14:30 16:30	-	-	-	-	-	RU WL, run (Secure well.		200 to S	urrace, RD	WL.							
17:00						Travel to AW											
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				-						BLM REP	ON LOC, MARK	DECKER					
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BUMPED	PS	I TO	TE	ST	TOTAL	BBL CMT.	PSI	8	SPOT	AZTEC WE	LL SERVICING	CO REP.:		MIC	HEL CRANE		
PLUG:		JMP		OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME				JOE	Y ROBINSON		
NI/A		UG:		PMENT:		REVERSED:	CSG.:	•	MENT:	CUSTOME	R REP. SIGNATU	JRE:		CUSTOM	ER AUTHORIZING AGEN	NT	
N/A	N	/A	L N	I/A	0.0	1.5	0	1	1163'					CUSTOMI	ONLING AGE!	••	



CUSTOME		_		TIMBERS I	ENERGY		DATE:		June 15, 2		API Number:	30-039-06		TYPE OF JOB:	·	P&A	
	WELL NAME		Miles Fe	deral #2			LOCATION		Sec 5 T26	N R7W	SERVICE SUP:		MICHEL C				
	CONTRACT		993				OPERATO		AWS	<u> </u>	1	COUNTY:		RIO ARRIBA	_	_	MEXICO
MATERIAL	S FURNISH	HED:		<u> </u>	TYPE OF PLU		LIST	CSG. HARI	DWARE:	SQUEEZE	TOP			HYSICAL SLURI			
					TOM	N/A				MANIFOLD:	OF FACUL	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				ВО	TTOM	0				NO	EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls
PRF-FI US	H - FRES	SH WATER															
			w 2% cal	15.6# cla	ss G cmt fr	om 5860' to 5	414' TOC				5,414	15.60	38.94	5.20		6.9	4.1
						to 4514' TOC					4,514	15.60	17.70	5.20		3.2	1.9
riug #3, ivi	iancos top.	WICK IJ SAS	s, 13.0# CI	iass G Cili	1101114710	10 4314 100	•				4,514	13.00	17.70	3.20		3.2	1.3
					<u> </u>												
		20.0			<u></u>			040.0									
AVAILABLE I	HOLE	30.0	BBLS	TRG	available i CSGD.P.	DISPLACEMENT	WAIER:		CSGD.P.				ı	COLLAR DEPT		IIX WATER:	6.0
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT		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	ASING		PKR	-CMT RET-BR	PL-LINER	PERF D				ONNECTION			WE	LLBORE FLUID		
SIZE	WEIGHT	TYPE	DEPTH		D & TYPE	DEPTH	TOP	BOTTOM	1	SIZE	THREAD]		TY		WEIGHT	
4 1/2	11.60	J-55	6,754		N/A	N/A	6,567	6,622		2 3/8	8 ROUND	<u> </u>			D WATER	8.30	
		EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX		(TBG. PSI		CASING PSI	4	<u> </u>	DISPLACEMENT I	1	-	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	WAIL	R WELL
FYPI AN	NATION: TRO	UBLE SETTING	TOOL														
		PRIOR TO CE															
		PUMP DE	TAILS:								DAILY SU	IMMARY:					
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											
7:00	-	-	-	-	-	Service and	start rig an	d equip,	fill out JSA	, held safety	mtg.						
7:15	-	-	-	-	-	Check PSI or	n Well, no t	tbg, 0psi	on csg and	BH.							
7:30						RU WL RIH a	and tag TO	C @ 6143	3', come up	and perf @ !	5810', RD WL						
8:15						Attempt to es	stablish inj	ection ra	ate (unsucc	essful).							
8:30						TIH open end	ded tag TO	C @ 6274	4', LD 13 jts	EOT @ 5860)'.						
9:45	-	-	-	-	-	Plug #2, Gall	lup top: M8	kP 33 sxs	s, w 2% cal,	15.6# class	G cmt from 5860)' to 5414' 1	OC.				
10:15	-	-	-	-	-	LD 15 jts, TO	OH w tbg,	WOC.									
13:45						RU WL RIH a	and tag TO	C @ 5475	o', come up	and perf @	4670', RD WL.						
14:30	-	-	-	-	-	Attempt to es	stablish inj	ection ra	ate (unsucc	essful).							
14:45						TIH open end	ded LD 11 j	ts EOT @	@ 4716'.								
15:45						Plug #3, Mar	icos top: M	I&P 15 sx	xs, 15.6# cla	ass G cmt fro	om 4716' to 4514	' TOC.					
16:15						LD 7 jts and	TOOH 5 sta	ands, EO	T @ 4187'.								
16:30						Reverse out	w 20 bbls f	iresh, tra	ce of cmt re	eturned.							
16:45						Secure well,	SDFN.										
17:00				ļ		Travel to AW	/S yard.										
				ļ													
				ļ													
				ļ						BLM REP	ON LOC, MARK	DECKER					
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BUMPED	PS	I TO	TE	EST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	LL SERVICING	CO REP.:		MIC	CHEL CRANE		
PLUG:	BU	JMP	FL	OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME				JOE	Y ROBINSON		
		UG:		PMENT:		REVERSED:	CSG.:		MENT:	CUSTOME	R REP. SIGNATU	JRE:					
N/A	N	/A	N	√A	0.0	1.5	0		1163'					CUSTOM	ER AUTHORIZING AGE	NΓ	



CUSTOME		_		TIMBERS I	NERGY		DATE:		June 16, 2		API Number:	30-039-06		TYPE OF JOB:	·	P&A	
LEASE & V	WELL NAME CONTRACT		Miles Fe	deral #2			LOCATION		Sec 5 T26	N R/W	SERVICE SUP:	COUNTY:	MICHEL C	RIO ARRIBA	CTATE:	NEW	MEXICO
MATERIAL			993		T/05 05 01						TO.	COUNTY.			_		WEXICO
WATERIAL	-9 LOKNI9L	IED:		<u> </u>	TYPE OF PLU	N/A	LIST	CSG. HARI	DWARE:	SQUEEZE MANIFOLD:	TOP OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
					TTOM	0				NO	EACH	WEIGHT:	YIELD:	REQ.:	TIME:	OLOITIT.	WATER:
										NO	FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls
PRE-FLUS	H - FRES	SH WATER															
Plug #4, C	liff House to	op: M&P 15	sxs, w 19	% cal, 15.6	# class G cı	mt from 3786'	to 3584' To	oc.			3,584	15.60	17.70	5.20		3.2	1.9
Plug #5, C	hacra top: I	M&P 12 sxs	, 15.6# cla	ass G cmt	from 3078'	to 2916' TOC.					2,916	15.60	14.16	5.20		2.5	1.5
Plug #6, F	ruitland & F	PC tops: M&	P 27 sxs,	15.6# clas	s G cmt fro	m 2207' to 18	42' TOC.				1842	15.60	31.86	5.20		5.7	3.3
Plug #7, K	irtland & O	jo Alamo to _l	ps: M&P 3	33 sxs, 15.	6# class G	cmt from 1563	3' to 1117' 1	гос.			1117	15.60	38.94	5.20		6.9	4.1
																	
																	-
																	-
					<u> </u>	<u> </u>											-
		20.0	BBLS			DISPLACEMENT		240.0) BBLS							IIX WATER:	10.8
AVAILABLE I	HOLE	30.0	BBLS	TBG	CSGD.P.	DISPLACEMENT	WATER:		CSGD.P.				T .	COLLAR DEPT		IIX WATER:	10.0
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT		DEPTH			SHOE	FLOAT	STAGE	j	
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 D				ONNECTION				LLBORE FLUID		l
SIZE 4 1/2	WEIGHT	J-55	DEPTH		D & TYPE	DEPTH	TOP	BOTTOM	4	SIZE 2 3/8	THREAD	1		TY		WEIGHT	ł
	11.60	EMENT VOLU	6,754 MF: BBI	CAL. PSI	N/A	N/A MAX PSI	6,567 OP. MAX	6,622 MAX	(TBG. PSI		8 ROUND CASING PSI		I	DISPLACEMENT I	ED WATER	8.30 w	ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG		EVERSE	SQ. PSI	RATED	OP	RATED	OP OP	1		TYPE	WEIGHT		URCE
				0		0	500 PSI	0	0	0	0		FRE	SH WATER	8.30	WATE	R WELL
		UBLE SETTING															
RUNNING	CASING, ETC.,	PRIOR TO CE	MENTING:														
		PUMP DE	TAILS:								DAILY SU	MMARY.					
TIME	PRESSU	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW		CO. REP	2,112.00						
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				0	PSI	1					
						CIRCULATING V	VELL RIG:			WPS							
5:30	-	-	-	-	-	Travel to loc											
7:00	-	-	-	-	-	Service and	start rig an	d equip,	fill out JSA	, held safety	mtg.						
7:15	-	-	-	-	-	Check PSI or	n Well, 0 ps	si tbg,cs	g and BH.								
7:30						TIH tag plug	#3 @ 4527	tag goo	d.								
7:45						Attempt to p		t casing	(NO TEST).								
8:00						LD 25 jts, EC											
8:15	-	-	-	-	-						ass G cmt from	3786' to 35	584' TOC.				
8:30	-		-	-	-	WOC, LD 10			6 bbis frest	n, 1/2 bbi cm	t returned.						
13:30	_	_	_			PU 4 jts, tag			OD TEST)								
13:45 14:15	-	<u> </u>	-			Pressure tes		upsi (GO	OD IESI).								
14:30								RD 12 ev	e 15.6#.cla	ss G cmt fro	m 3078' to 2916'	TOC					
15:00						LD 28 jts, EC	•		o, 10.0# 01u	oo o ome no	0070 10 2010	100.					
15:15									&P 27 sxs.	15.6# class 0	cmt from 2207'	to 1842' T	OC.				
15:30						LD 20 jts, EC											
15:45						Roll the hole		of fresh.									
16:00										3 sxs, 15.6#	class G cmt fron	n 1563' to 1	1117' TOC.				
16:15						LD all tubing											
16:45						Secure well,											
17:00						Travel to hot	el.						·			-	
		ļ		<u> </u>													
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		-		 						BLM REP	ON LOC, MARK	DECKER					
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BUMPED	PS	IТО	TE	EST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	LL SERVICING	CO REP.:		МІС	CHEL CRANE		
PLUG:	BU	JMP		OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME				JOE	Y ROBINSON		
		UG:		PMENT:		REVERSED:	CSG.:		MENT:	CUSTOME	R REP. SIGNATU	JRE:		OURT	IED ALITHODIZATO 4	NT	
N/A	N	/A	l N	√A	0.0	1.5	0	<u> </u>	1163'					CUSTOM	IER AUTHORIZING AGE	in I	



CUSTOME		_		TIMBERS	ENERGY		DATE:		June 17, 2		API Number:	30-039-06		TYPE OF JOB:		P&A	
	VELL NAME CONTRACT		Miles Fe	uerai #2			LOCATION		Sec 5 T26	N K/W	SERVICE SUP:	COUNTY:	MICHEL C	RANE RIO ARRIBA	STATE:	NEW	MEXICO
			223							T		COUNTY:			_		INIEVICO
MATERIAL	S FURNISI	HED:		<u> </u>	TYPE OF PLU		LIST	CSG. HARI	DWARE:	SQUEEZE MANIFOLD:	TOP	CLUDDY		HYSICAL SLURI			MIN
					TTOM	N/A 0					OF EACH	SLURRY WEIGHT:	SLURRY YIELD:	WATER	PUMP	SLURRY:	MIX WATER:
				ВС	TTOM	U				NO	EACH FLUID:	Lb/gal	Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	bbls
DDE_ELLIS	H - FRES	LI WATED								1	T EGID.	Lb/gai	Outrak	Gaisysk	111.11111	DDIS	DDIS
			o. M9D 1	20 ovo 15	6# alass C	cmt from 350	'to O' unti	l acod o	mt roturno d	NII DU	0	15.60	141.60	5.20	1	25.2	14.9
riug #6, iv	acimiento t	op & Suriac	e. War i	20 585, 13	.0# Class G	CIIIL II OIII 350	to o , unu	i good ci	ini returns c	out on.	U	13.00	141.00	5.20	+	23.2	14.9
															 	+	
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					П	П											
AVAILABLE	MIX WATER:	30.0	BBLS		AVAILABLE I	DISPLACEMENT	WATER:	210.0	BBLS			•	•	•	TOTAL N	MIX WATER:	14.9
	HOLE			TBG	CSGD.P.			TBG	iCSGD.P.					COLLAR DEPT	HS	1	
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE	I	
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 D				ONNECTION	_			LLBORE FLUID	_	
SIZE	WEIGHT	TYPE	DEPTH		D & TYPE	DEPTH	TOP	BOTTOM		SIZE	THREAD			TY		WEIGHT	
4 1/2	11.60	J-55	6,754		V/A	N/A	6,567	6,622		2 3/8	8 ROUND				D WATER	8.30	
		EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX		(TBG. PSI		CASING PSI	-	-	DISPLACEMENT F	,		ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUC	TOR	EVERSE	SQ. PSI	RATED		RATED	OP OP	1		TYPE	WEIGHT		URCE
				0		0	500 PSI	0	0	0	0		FRE	SH WATER	8.30	WAIL	R WELL
EVDLA	LATION, TOO	UDI E CETTINI	TOO!														
		UBLE SETTING PRIOR TO CE															
	, ,																
		PUMP DE	TAILS:								DAILY SU	MMARY:					
TIME	PRESSI	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW		CO. REP							
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				0	PSI	1					
						CIRCULATING V	VELL RIG:			WPS		1					
5:30	-	-	-	-	-	Travel to loc						•					
7:00	-	-	-	_		Service and		d equip.	fill out JSA	. held safety	mta.						
7:15	-	-	_			Check PSI or											
7:30						RU WL, perf											
8:00						RD work floo											
8:30										00 eve 15 6#	class G cmt froi	n 350' to 0	' until doc	nd cmt returns o	out BH		
9:00	_	_		_	_	Cut off well I						11 330 10 0	, until got	od cilit returns c	ut Dir.		
10:00	-		-	<u> </u>		RD unit and				op on ocinici							
10:45						Pre trip equi			JII								
10.43	_	-	_	_	_	i ie aip equi	p ioi rig iii										
										DIM DED	ON LOC, MARK	DECKED					
										DEWINE	DIV LOO, MIARKI	DEGRER					
		 	 	 													
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BUMPED	PS	I TO	TF	EST	TOTAL	BBL CMT.	PSI	9	SPOT	AZTEC WF	LL SERVICING (O REP.:		MIC	CHEL CRANE		
PLUG:		JMP		OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME		==	•		Y ROBINSON	-	
		UG:		PMENT:		REVERSED:	CSG.:		EMENT:		R REP. SIGNATU	JRE:					
N/A	N	/A	N	√A	0.0	1.5	0		1163'					CUSTOM	ER AUTHORIZING AGEN	NT	
			_	_			_	_	_				_				_

Cross Timbers Energy, LLC

Malli Milas Factorio	HOO2 AS DILLOCED WED	01033 11			, ,	D-4-: 00//0	/0000				
Well: Miles Federa Loc: 950' FSL & 1480	al #002 - AS PLUGGED WBD			asin Dakota W-S5		Date: 06/18	12020				
County: Rio Arriba		T26N-R7W-S5 State: New Mexico									
	PI# 30-039-06533			Wgt, lb/ft	Grade	Hole Size	Depth	Cmt - SX			
	KB: 6188'	Surf. Csg:	8-5/8	24#	J-55	12-1/4"	270	140 sx Class C to Surf			
	GL: 6175'						\Box				
	UD: June 14, 1965 LETION: 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 STATE	IS: P&A								
		- CHARLET CHARLE									
E//	1 www				DI . 0 . 100		0501				
					Plug 8: 120 SX Ce		350'				
		Perf 4-1/2" casing @ 350'									
Surface Casing 8-5/8 @											
270 ft											
cmt 275 to surf.											
	4										
	. ₹										
				Р	lug 7: 33 SX Ceme	ent F/ 1117' -	1563'				
					Top of Ojo Al	lamo: 1220'					
					Top of Kirtla	and: 1500'					
				Р	lug 6: 27 SX Ceme	ent F/ 1842' -	2207'				
		Top of Fruitland: 1950' Top of Pictured Cliffs: 2155'									
					Top of Picture	d Cliffs: 2155	1				
Production					lug 5: 12 SX Ceme	m4 E/ 2046!	20701				
Casing 4-1/2 @					Top of Cha		3070				
6754 ft					1000.0	0.4. 0020					
Cmt w/ 1600 sx											
w/ 67 sx excess to surf											
				Р	lug 4: 15 SX Ceme	ent F/ 3560' -	3786'				
					op of Cliff House/	Mesa Verde: 3	3732'				
				P	lug 3: 15 SX Ceme	ent F/ 4527' -	4716'				
					Top of Man	cos: 4620'					
					lug 2: 33 SX Ceme			-			
				•	Top of Gallop: BLM	1-5766' OCD-	5525'				
		-									
				F	Plug 1: 20 SX Ceme	ent F/ 6254' -	6518'				
					CICR @		-	<u> </u>			
					Top of Dake Dakota Perfs:						
					Dakota Perts:	0007 - 0022					
		Formatio		Com	ments/Tops			ions/ Remarks			
		1 DAKO	OTA				6567-6573; 6	584-6593; 6608-6622			
Perfs											
6567' - 6622'											
	PBTD: 6750'	<u> </u>									
	MTD: 6754'										