

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1207198

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

#### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
Well Name:	w/sx cmi.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion     Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or         Date Reached TD         Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Permit #:

#### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

### Submitted Electronically

KCC Office Use ONLY							
Confidentiality Requested							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							

	Page Two	1207198
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS, Chow important tang of formations populated	Dotail all cores Report all t	final conject of drill stome tosts giving interval tosted, time tool

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sho	eets)	Yes No		-	on (Top), Depth ar		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	6		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	IEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	

Perforate	Top Bottom	<b>3</b> 1	 31
Protect Casing Plug Back TD Plug Off Zone			
Plug Off Zone			

No

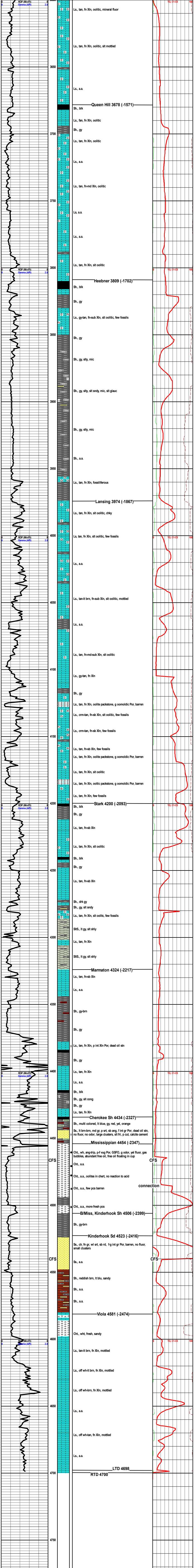
Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No (If No, skip questions 2 and 3) No (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated							Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	<b>}</b> .	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbl	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									Γ	
DISPOSITIO	ON OF C	GAS:			METHOD			_	PRODUCTION IN	FERVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit )	Comp.	Commingled (Submit ACO-4)		
(If vented, Submit ACO-18.)				Other (Specify)		(Submit )	,	(Submit ACC-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



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S STATE		KS			
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JOB DESCRIPTION Cement-New Well Casing/Pi

L SPRING TX US 77380

B TOTO ENERGY LLC I 25815 OAK RIDGE DRIVE

T O ATTN:

Pratt

ACCOUNTS PAYABLE

(620) 672-1201

JOB #	JOB # EQUIPMENT # PURCHASE ORDER NO.			TERMS	DUE DATE		
40681436	20920				Net - 30 days	02/14/2014	
-			QTY	U of M	UNIT PRICE	INVOICE AMOUNT	
For Service Dates	s: 01/14/2014 to 01	/14/2014					
040681436							
	02 8061+100	an kanan téh sé	. 3.3				
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	ent-New Well Casing/Pi C	1/14/2014	CHIG LPh		10.02 J.00000	2.035.9	
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AA2 Cement			175.00	EA	11.39	1,993.24	
60/40 POZ			50.00	EA	8.04	402.00	
C-41P			33.00		2.68	88.44	
Salt			881.00		0.34	295.14	
Cement Friction Red	ducer		50.00		4.02	201.00 417.08	
FLA-322			83.00 500.00		5.03 1.64	820.75	
Super Flush Gilsonite			875.00	EA	0.45	392.79	
	& Baffle, 5 1/2"" (Blu		1.00	EA	268.00	268.0	
"Auto Fill Float Sho		18	1.00	EA	241.20	241.3	
"Turbolizer, 5 1/2"			6.00	EA	73.70	442.2	
"5 1/2"" Basket (Bl			2.00	EA	194.30	388.6	
"Unit Mileage Chg (	PU, cars one way)"		30.00	MI	2.85	85.4	
Heavy Equipment N	fileage		60.00	MI	4.69	281.4	
"Proppant & Bulk D	el. Chgs., per ton mil		312.00	EA	1.07	334.4	
Depth Charge; 400			1.00	EA	1,688.40	1,688.4	
Blending & Mixing S			225.00	BAG	0.94	211.0	
Plug Container Util.			1.00	EA	167.50	167.5	
"Service Supervisor	r, first 8 hrs on loc.		1.00	EA	117.25	117.2	
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00/40 PQZ			K, A. S.		8101 11138		
AA2 Cement				E.V.	11.00	1005.01	
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	SERVICES, LP BA						
PO BOX 84190		1 CHERRY ST, ST	E 2100 102		TAX	329.6	

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JOB CONTACT





And the state of the second second			1			DATE TICKET NO		
DATE OF JOB 01-14-	-14 [	DISTRICT PRATT	KS	NEW WELL			STOMER DER NO.:	
	770	) - ENER94	1		LEASE NO	RWE	GIAN WOOD 1	WELL NO.
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well and many many sends		ini Cari Kasangan set 2007					MILES FROM STATION TO WELL	30

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:	RAM	mall	1001	AD.
(WELL	OWNER,	OPERATOR, CO	NTRACTO	R OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 cmt	sk	175		2. 975 00
CP103	Col40 poz cmt	sk	50		600 00
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CCIII	SALT	16.	881		44050
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CC 129	Flud Loss	16	83		62250
CC 201	C. Irsonte	16	875		586 25
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CF 607	LATCH, DOWN PLUCABARYIE	SA	/	Salve la Liero de	400/
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CF 1901	BASKets	SA	2	Set the set the set	540/
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SERVICE & EQUIPMENT	%TAX ON \$			
MATERIALS	%TAX ON \$	international sector	hi indean itt. h	
	That	TOTAL		

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

FIELD SERVICE ORDER NO.

REPRESENTATIVE

SERVICE

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

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VICES

### **FIELD SERVICE TICKET** A

1718 09777

PRESSL	NG & WIRELINE					DATE TICKET NO			
DATE OF JOB	/4 D		r arts crister K	en deren freiten.	NEW WELL OLD PROD INJ WDW CUSTOMER WELL WELL				
	172	- any			LEASE ARRITAD WELL NO.				
ADDRESS					COUNTY TOWARDS STATE KS				
CITY STATE					SERVICE CR	EW_	Mismil GRAVES 1	Hat	
AUTHORIZED BY			JOB TYPE: CHILD States Law Line						
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31400							FINISH OPERATION	AM PM	Maria
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CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP. SIGNED:

			(WELL OWN	ER, OPERATOR, CONT	RACTOR OR AGENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRIČE	\$ AMOUNT
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And the second second				MATERIALS	%TAX ON \$
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THE ABOVE MATERIAL AND SERVICE

SERVICE REPRESENTATIVE

ORDERED BY CUSTOMER AND RECEIVED BY;

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

TOTAL

# BASSIC energy services, L.P.

## TREATMENT REPORT

Customer	570-	CHISPIG	/	ease No.	eer atter	ana againes	nis da mentan. Nis da mentan.	an and second Celler (berry Ge	Date		t de avier	anti presidente de la como
Lease Nok	WEGI	AN WO	00.1	Well #					0	1-14.	-14	
Field Order #	Station	DRA-H	KS		15	Casing	Dept	95'	County	DWARD Legal	S	State
Type Job	51/2	6.01	Sta				Formation	1		Legal	Description	-16
PIPE	DATA	PERF	ORATING	à DATA		FLUID	JSED		TF	REATMEN	T RESUM	E
Casing Size	Tubing Size	e Shots/F	t .		Aci	d			RATE	PRESS	ISIP	
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Max Press	Max Press	From	То		Fra	с		Avg			15 Min.	
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Taylor Printing, Inc. 620-672-3656



	PAGE	CTNO	INVOICE DATE
	1 of 1	1008764	01/11/2014
5		INVOICE NUM	BER
		1718 - 913816	85
	LEASE NAME	Norwegian Wo	ood 1
) 3	LOCATION COUNTY	Edwards	

KS

Cement-New Well Casing/Pi

I 25815 OAK RIDGE DRIVE

(620) 672-1201

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STATE

JOB DESCRIPTION

JOB CONTACT

L SPRING

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Pratt

TX US 77380

B TOTO ENERGY LLC

ATTN: ACCOUNTS PAYABLE

DUE DATE TERMS JOB # EQUIPMENT # PURCHASE ORDER NO. Net - 30 days 02/10/2014 40679900 19843 INVOICE AMOUNT UNIT PRICE U of QTY м For Service Dates: 01/08/2014 to 01/08/2014 0040679900 171809699A Cement-New Well Casing/Pi 01/08/2014 Cement 8 5/8 Surface Brever Links IC 60/40 POZ 330.00 EA 8.40 2,772.00 T 83.00 EA 2.59 214.97 T Celloflake 852.00 EA 0.74 626.22 T **Calcium** Chloride 1.00 112.00 112.00 EA "Wooden Cmt Plug, 8 5/8""" 220.50 "8 5/8"" Basket (Blue)" 1.00 EA 220.50 2.98 89.25 30.00 MI "Unit Mileage Chg (PU, cars one way)" 4.90 294.00 60.00 Heavy Equipment Mileage MI 426.00 1.12 477.12 "Proppant & Bulk Del. Chgs., per ton mil EA 1.00 700.00 700.00 Depth Charge; 0-500' EA Blending & Mixing Service Charge 330.00 BAG 0.98 323.40 1.00 EA 175.00 175.00 Plug Container Util. Chg. EA 122.50 122.50 "Service Supervisor, first 8 hrs on loc. 1.00 NEL KEL (EL H) NUM CONTERING & EVENING Calcinate Chicade Collollake 204.09/09 SEND OTHER CORRESPONDENCE TO: PLEASE REMIT TO: SUB TOTAL 6,126.96 BASIC ENERGY SERVICES, LP BASIC ENERGY SERVICES, LP 801 CHERRY ST, STE 2100 FORT WORTH, TX 76102 258.34 TAX PO BOX 841903 DALLAS, TX 75284-1903 INVOICE TOTAL 6,385.30



## FIELD SERVICE TICKET 1718 09699 A

DATE TICKET NO.

DATE OF JOB 01 -08 -1	DATE OF JOB 01-08-14 DISTRICT PRATT KS						PROD INJ WDW CUSTOMER ORDER NO.:			
CUSTOMER 70	CUSTOMER TOTO-ENERGY					LEASE NORWEGIAN WOOD / WELL NO.				
ADDRESS					COUNTY	DWA	RDS STATE KS			
CITY	STATE		SERVICE CR	EW S	Iliver, Edando, Phyp					
AUTHORIZED BY			JOB TYPE:	NW	878 Surface					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED 01-08-24 PM 8:30			
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CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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record as actually free battle contracts			(WELL OWN	ER, OPERATOR, CON	TRACTOR OR AG	ENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES	USED UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	г
CP 103	60/40 Poz cm+	sk	330	n-line transport	3 960	00
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2E-504	plus Coptainer Rapid	9A	/		250	00
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THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

REPRESENTATIVE

CLOUD LITHO - Abilene, TX

SERVICE

CES

ENERG

## FIELD SERVICE TICKET 1718 09699 A

PRESSL	JRE PUM	IPING & WIRELINE					DATE TICKET NO			
DATE OF JOB			T KC		NEW WELL PROD INJ WDW CUSTOMER WELL WELL					
	CUSTOMER TOTO - MANY					LEASE / WELL NO.				
ADDRESS			COUNTY COUNTY STATE							
CITY	STATE		SERVICE CR	EW C	Maria State A.	1				
AUTHORIZED BY			JOB TYPE:	ww	9 / Stanter +					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED	AM TIME PM		
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1900							FINISH OPERATION	AM PM		
				1			RELEASED	AM PM		
							MILES FROM STATION TO WELL	31)		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:\_

			(WELL OWN	ER, OPERATOR, CON	TRACTOR OR AG	ENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES	S USED UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	Г
CP 103	Cify's and city	-K	7900		3.960	00
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		MATERIALS				

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

SERVICE REPRESENTATIVE

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

TOTAL



# TREATMENT REPORT

Customer	かかっち	7120	V	Lease No.			Date						
Lease NOR	WEGIL	201	San	Well #	L Marine	enter en la surra			01-08-14				
Field Order #	Station	10.00	TT	LIC .		Casing	Dept	367'	County		RIDS	State	
Type Job	) 83	18	// /	2 \		0.00	Formation	and the second s		C. C. J. C. T.	al Description	with the press of the state	
PIPE	DATA	PER	FORATI	NG DATA		FLUID US	ED		Т	REATME	NT RESUM	E	
Casing Size	Tubing Size	Shots/I	=t	1	Acid	I .		and the second	RATE	PRESS	ISIP		
Depth 267	Depth	From	7	Го	Pre	Pad		Мах			5 Min.		
Volume	Volume	From		Го	Pad	Pad		Min			10 Min.		
Max Press	Max Press	From		Го	Frac	;		Avg			15 Min.		
Well Connection	Annulus Vo	I. From	r	Го				HHP Used	1		Annulus	Pressure	
Plug Depth	Packer Dep	th From	1	Го	Flus	h	(		Gas Volume		Total Lo	ad	
Customer Repr	esentative			Statio	n Mana	nger DAVE	Scott		Treat	ter Robert	1.11,2		
Service Units	27900	19889	19:34	3 709.	59	19918		No Alter and				and a filler of	
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Taylor Printing, Inc. 620-672-3656

	PAGE	T NO	INVOICE DATE
	1 of 1	1008764	01/11/2014
(B) BASIC		INVOICE NUM	MBER
ENERGY SERVICES		1718 - 913816	684
Pratt (620) 672-1201 B TOTO ENERGY LLC I 25815 OAK RIDGE DRIVE L SPRING TX US 77380	J LEASE NAME O LOCATION B COUNTY S STATE I JOB DESCRI E JOB CONTAC	Edwards KS IPTION Cement-New	Wood 1 Well Casing/Pi
ACCOUNTS PAYABLE			

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
40679898	20920			Net - 30 days	02/10/2014
For Service Date	s: 01/08/2014 to 01/0	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
040679898					
					1.10.11
171809698A Cem Cement 13 3/8 Cor		2/2014		1960F	3,3.84.01
Common Cement	Med 2. A set of the high fighteen direct on a state of the high set of the	120.00	EA	11.20	1,343.76
Celloflake		30.00		2.59	77.69
Calcium Chloride		339.00		0.73	
	(PU, cars one way)"	30.00		2.97	89.2
Heavy Equipment N	Aileage Del. Chgs., per ton mil	60.00 170.00		4.90	
Depth Charge; 0-50		1.00	1.000	699.88	
Blending & Mixing S		120.00		0.98	
	r, first 8 hrs on loc.	1.00	EA	122.48	122.4
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BASIC ENERGY PO BOX 84190	SERVICES, LP BASI	HERRY ST, STE 2100		TAX	119.4

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### FIELD SERVICE TICKET 1718 09698 A

PRESOL	JRE PUIVI	PING & WIRELINE			DATE TICKET NO					
DATE OF JOB 01-08	-14	DISTRICT PRAH	ks	and the second	NEW OLD PROD INJ WDW CUSTOMER WELL WELL					
CUSTOMER TOT	-0-	ENERGY	inia 10'a n Kanata	gel ta bis de voi to bierta	LEASE NORWEGIAN WOOD / WELL NO.					
ADDRESS					COUNTY COWARDS STATE KS					
CITY	STATE	S.p. 1999 Manalesi	SERVICE CREWS Ullisan GRAVER, Eggen							
AUTHORIZED BY	r begen		धाः स्टब्स् स्ट अवयाग्रस्ट स्ट		JOB TYPE:	WW	133/8 Conductor			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED			
33708-20920	301		and the second	040,00,839	with the second life in	14-59	ARRIVED AT JOB 01-07-14 AM 9:15-			
19826-73768	30	ñ-					START OPERATION 01-08-14 PM 12:35			
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			(WELL OWN	ER, OPERATOR, C	ONTI	RACTOR OR AG	ENT)
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SIGNED:

TOTAL

SERVICE REPRESENTATIVE THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

CCENTROCC

#### 10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201 VICES PRESSURE PUMPING & WIRELINE

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# FIELD SERVICE TICKET 1718 09698 A

			10.255		an and a start of the start	1.14	DATE TICKET NO	
DATE OF JOB	1993-1993) 		ler in sois De l	Prizician	NEW C WELL V			२ ).:
	and de la	1908199			LEASE	Riel	TIAN WORM / WELL N	NO.
ADDRESS					COUNTY	JUM	STATE K	
CITY		STATE			SERVICE CR	EW	Home Garry Even	
AUTHORIZED BY					JOB TYPE:	ww	13/8 Constration	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED DATE AM	TIME
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27900							FINISH OPERATION	100
							RELEASED AM	130
							MILES FROM STATION TO WELL	2

SIGNED:

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			(WELL OWN	ER, OPERATOR, C	ONT	RACTOR OR AG	ENT
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE		\$ AMOUN	Т
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THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

SERVICE REPRESENTATIVE

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



# TREATMENT REPORT

Customer	10-8	NERG	4	Lease No.	e se dest	in spheres are	r ergel abe.	e a celeta las	Date	low entre	a din man	0.152704579	on sentral versional."	
Lease	JEGIAL	) we	000	Well #		ene militat assess			01-08-14					
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Type Job	W 1.	33/8	CON	uctor?			Formation				Legal De	scription	-16	
PIPE	DATA	PE	RFORATI	NG DATA		FLUID USE	ED		-	TREAT	MENT F	RESUME		
Casing Size	Tubing Size	e Shots	/Ft		Acid			1	RATE	PRES	SS	ISIP		
Depth	Depth	From	-	Го	Pre F	Pad		Max				5 Min.		
Volume	Volume	From		Го	Pad			Min				10 Min.	and a la	
Max Press	Max Press	From	-	Го	Frac			Avg				15 Min.	1.10	
Well Connection	Annulus Vo			Го				HHP Used	1			Annulus F	Pressure	
Plug Depth	Packer Dep	oth From	-	Го	Flush	1		Gas Volun	ne			Total Loa	d	
Customer Repre	esentative	1 N		Station	Manag	ger DAU	E Sec	#	Trea	ater &	Bleat	1.1/10.		
Service Units 3	7900	3370/	12092	01987	6 7	72768		1.1.1.1					and the state	
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Taylor Printing, Inc. 620-672-3656

Last Fracture Date:	3/26/2014	
County:	Edwards	
API Number (14 Digits):	15-047-21629	
Operator Name:	Toto Energy, LLC	
Well Name and Number:	Norweigan Wood #1	
Latitude:	37.7786362	
Longitude:	-99.0658513	
Datum:	NAD 27	
Production Type:	Oil & Gas	
True Vertical Depth (TVD):	4700	
Total Base Fluid Volume (gal)*:	500,000	



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Authorized Representative's Name, Address and Phone Number
lexslick 957	Chemplex	Friction Reducer	Petroleum Hydrotreated Light Distillate	64742-47-8	25%	0.01%	
Plexbreak 134	Chemplex	Nonemulsifier	Isopropanol	67-63-0	20%	0.00%	
Claymax	Chemplex	Clay Stabalizer	No hazardous ingredient	N/A	0%	0.00%	
MA-398	Chemplex	Biocide	Dazomet	533-74-4	98%	0.00%	
Plexgel Breaker XPA	Chemplex	Breaker/Slickwater	Hydrogen Peroxide	7722-84-1	7%	0.00%	
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50%	0.50%	
Plexset 730	Chemplex	Activator	Alcohol Ethoxylates	Mixture	60.00%	0.60%	
Clayplex	Chemplex	Clay Stabalizer	No hazardous ingredient	N/A	0.00%	0.00%	
rac Sand	Uniman	Propant	Crystalline Silica in the form of Quartz	14808-60-7	100.00%	19.30%	
				_			
ngredients shown above a	re subject to 29 CRF 19	910.1200(i) and appear o	n Material Safety Data Sheets (MSDS). Ingree	dients shown below are	Non-MSDS.	<u>I</u>	
lick Water	450,000				I		
lick Water W/Activator	6,000		and the second				
ilick Water	6,000						
resh Water	38,000						
0-50 mesh White Sand	1,416 cwt						
.6-30 Arizona Sand	605 cwt						
esin Coated Curable Sand	105 cwt						
	and a second						
		and the second se					