Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1227440

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  North / 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:			
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:			
□ OG □ GSW □ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:			
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet			
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:			
Well Name:	feet depth to:w/sx cmt.			
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)			
	Chloride content: ppm Fluid volume: bbls			
Commingled Permit #:	Dewatering method used:			
Dual Completion         Permit #:           SWD         Permit #:				
	Location of fluid disposal if hauled offsite:			
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	1227440
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

**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 Sheets)		Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
			RECORD Ne				
		Report all strings set-o	conductor, surface, inte	ermediate, producti	on, 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	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							

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

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

No

🗌 No

No

(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			Δ		ement Squeeze Record I of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner Ru	in:	No	
Date of First, Resumed	Producti	on, SWD or ENHF	<b>}</b> .	Producing Met	hod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF G	AS:			_				PRODUCTION INT	ERVAL:
Vented Sold	ι 🗌 ι	Jsed on Lease		Open Hole	Perf.	Uually (Submit)	Comp. A <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACO	-18.)		Other (Specify)		-				

	ONSOLIDATED Dil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346		F Chanut 620/431-9210 • 1-80	AIN OFFICE P.O. Box 884 e, KS 66720 00/467-8676 20/431-0012
INVOICE			Invoice #	268347
	======================================		======================================	======= αe 1
Invoice Date: 05/22				
TOTO ENERGY, LL 25815 OAK RIDGE SPRING TX 7738 (713)623-2183	DRIVE	DEFORE 19-1 46902 19-335-6 05-21-2014 KS		
Part Number 1104S 1102 1118B 1110A 1144G 4159 4454 4136 4104	Description CLASS "A" CEMENT (SALE) CALCIUM CHLORIDE (50#) PREMIUM GEL / BENTONITE KOL SEAL (50# BAG) MUD FLUSH (SALE) FLOAT SHOE AFU 5 1/2" 5 1/2" LATCH DOWN PLUG TURBOLIZER 5 1/2" CEMENT BASKET 5 1/2"	265.00 498.00	.7800 .2200 .4600 1.1000 361.0000 266.7500 63.0000	Total 4160.50 388.44 219.12 609.50 550.00 361.00 266.75 504.00 480.00
Sublet Performed 9996–180	Description CEMENT MATERIAL DISCOUN	Ψ		Total -1778.27
Description 446 CEMENT PUMP 446 EQUIPMENT MILE 681 TON MILEAGE DE	AGE (ONE WAY)		Unit Price 1085.00 4.20 881.25	Total 1085.00 210.00 881.25

Amount Due 10198.07 if paid after 06/01/2014

 Parts:
 7539.31 Freight:
 .00 Tax:
 368.70 AR
 8305.99

 Labor:
 .00 Misc:
 .00 Total:
 8305.99

 Sublt:
 -1778.27 Supplies:
 .00 Change:
 .00

Signed

EL DORADO, KS 516/322-7022 EUREKA, KS 620/583-7664

PONCA CITY, OK 580/762-2303

OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044

THAYER, KS GIL 620/839-5269 307

Date

GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650

ay 21 14 05:04p				р.	1
CONSOLIDATED Oil Well Services, LLC	26834	-7	TICKET NUMB		902 10
PO Box 884, Chanute, KS 66720 FIELD TICKE	T & TREA	MENT REP	ORT		
620-431-9210 or 800-467-8676	CEMEN				KS_
DATE CUSTOMER # WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
5-21-14 8056 Defore 19-1:		19	335	6	Couley
CUSTOMER					
MAILING ADDRESS	_	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		446	Jorh		
		681	mark		
CITY STATE ZIP CODE					· · ·
JOB TYPE Production HOLE SIZE 77(8	HOLE DEPTH	3609'	CASING SIZE & W	VEIGHT 5'(3	-15.5
CASING DEPTH DRILL PIPE				OTHER	
SLURRY WEIGHT SLURRY VOL	WATER gal/s	k	CEMENT LEFT in	CASING_ K-13	<u> </u>
DISPLACEMENT DISPLACEMENT PSI	MIX PSI	leni li co	RATE	· ·	· · · · ·
REMARKS: Sacaly medine on Mau	evict +	lost equi	> Tonto	1.2.425	2-6-12
16-20-25-30-35 BASK-5 200 05 4	=12.28	REVENT	and eincu	lato 4	Swin.
PUMPS B36 Were SODGAL MU				Nig 305	
RH. Mix and pump 2355	es cine	CP 77 3	ed. 29me	<< w15t	Kelsea (
	6 PAI		1 millions	@ 50 F	SKL -
	~ 000	Class	hold		
750 tirt pres land pluge	e lasc	. 4104	1.000	· · · · · ·	
	<u></u>	- · ·	Thick		4 + Creu

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1.	PUMP CHARGE	108592	1085 200
5406	50 miles	MILEAGE	420	210 001
SUOTA	12.5400	Tow milrage Delivery	144	881 25
		, , , , , , , , , , , , , , , , , , ,		
11045	265545	CLASS A	1520	4160 50
1102	498*	Calcium chleride	. 78 .	388 44
1118 B	996±	Bendowite	.22	21912
1110 A	1325 *	Kolseal	.46	60950
LIUUG	500 621	mud Flugh	110	550
4159	l,	512-AIU Flowt shoe	36100	36 ( 00
4454	· · · · ·	51/2- Lodohdown Hasy	266 25	266 230
4136	8	5.2. Turbolizres	6300	
4104	2	sila- Baskets	24000	480
				9715 00
		3072 discourt and convert		1778.27
				7937.29
				210 70
Ravin 3737	· · · · · · · · · · · · · · · · · · ·		SALES TAX ESTIMATED	368.70
			TOTAL	8305.99
AUTHORIZTION	So Au	TITLE	DATE 5-21	-14

AUTHORIZTION THAT

• •

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this fo

TITLE

CONSOLIDATE Oil Well Services, LI	.c Consolidated Oil Well S Dept. 970 P.O. Box 434	Consolidated Oil Well Services, LLC		
INVOICE			Invoice #	268219
Invoice Date: 05/19/2014	Terms: 0/30/10,n/30		Pa	age 1
TOTO ENERGY, LLC 25815 OAK RIDGE DRIV SPRING TX 77380 (713)623-2183	E 46 19	FORE 19-1 337 -33-6E -15-2014 S		
1104S         CLAS           1102         CALC           1118B         PREM           1107         FLO-	ription S "A" CEMENT (SALE) IUM CHLORIDE (50#) IUM GEL / BENTONITE SEAL (25#) 8" WOODEN PLUG	Qty 225.00 700.00 450.00 115.00 1.00	.7800 .2200 2.4700	Total 3532.50 546.00 99.00 284.05 84.00
	ription NT MATERIAL DISCOUNT			Total -1338.47
Description 446 CEMENT PUMP (SURFAC 446 EQUIPMENT MILEAGE ( 681 MIN. BULK DELIVERY		Hours 1.00 50.00 1.00	4.20	Total 870.00 210.00 368.00

Amount Due 6284.47 if paid after 05/29/2014

						====:	
Parts:	4545.55	Freight:	.00	Tax:	205.26	AR	4860.34
Labor:	.00	Misc:	.00	Total:	4860.34		
Sublt:	-1338.47	Supplies:	.00	Change:	.00		
========						====:	

Signed

BARTLESVILLE, OK 918/338-0808

EL DORADO, KS 316/322-7022 EUREKA, KS PONCA CITY, OK 580/762-2303

OK OAKLEY, KS 3 785/672-8822 OTTAWA, KS 785/242-4044 Date

THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914

CUSHING, OK 918/225-2650

May	/ 18	14	08:3	la

00	ONSOLID					BER L	0331	
	Oil Well Service	tered refer	68219		LOCATION	180		
	and factors where Arek.	******			FOREMAN		storm	
PO Box 884. C	hanute, KS 667	20 FIELD	TICKET & TR	EATMENT R	EPORT			
	or 800-467-8676		CEN	IENT A	15-035-	24574.00	CO-CO	
DATE	CUSTOMER #	WELL NA	ME & NUMBER	SECTION		RANGE	COUNTY	
5-15-14	8056	Detore	19-1	19	33	GE	Compay	
CUSTOMER	_ ÷		10		and the second state of th			
MAILING ADDRI	D En	egy		TRUCK #	DRIVER	TRUCK #	DRIVER	
		i ai	29	446	1,05h			
252/5 CITY	XKK	STATE ZIP	CODE	6 681	<u> </u>			
1		LY -	1300 Dr	( 102	Jacob	· · · · · · · · · · · · · · · · · · ·		
JOB TYPE		HOLE SIZE 12%	1 clint	EPTH 325	CASING SIZE & \	NEIGHT 8-18		
CASING DEPTH		DRILL PIPE	TUBING			OTHER		
SLURRY WEIGH		SLURRY VOL 54	49 WATER	gal/sk	CEMENT LEFT in	CASING 16	7	
DISPLACEMENT 23.43 DISPLACEMENT PSI 300 MIX PSI 400 RATE 6.4 born								
REMARKS: 5	afty 1	Meinting.	Break a	Ever kitio;	, PLND	12 16/ 7	fresh water	
m.x 22	5 Sks	class A 1	14.cc 2)	Kord 1/2/1	b Boly-Flat	ke disp	kied ist	
22.5 65	Cure	- calating	conert	10 Sui	fore S	hist ?.	1,	
Addition of the Asso	Secondaria Ma	$\mathbf{J}$						
		ala taka m						

p.5

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	)	PUMP CHARGE	870.00	270,004
5406	50	MILEAGE	4.20	210,00 "
5407	1	min bulk delivery	368,00	362.00 -
11045	225	Class A	15.70	3532.50
1102	700	calcium chloride	. 78	546.00
1113B	450	GC	,22	99,00 -
1107		poly - Flake	2.47	284.05
4430		29/8 vooden plug	84,00	34.00 -
		V U		
			Subtotal	5493.55
		discount		1338,47
				4655.02
			nlater	
Ravin 3737			SALES TAX	205.26
navin 3737	1210	72 0	ESTIMATED TOTAL	4860.34
AUTHORIZTION_	Kephent	211- POITTLE DETER	DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form