KOLAR Document ID: 1317327

CORRECTION #2

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
November 2016
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5150
Name: Colt Energy Inc
Address 1: PO BOX 388
Address 2:
City: IOLA State: KS Zip: 66749 + 0388
Contact Person: BETH WILSON
Phone: (913) 236-0016
CONTRACTOR: License # 34953
Name: King, Andrew D.
Wellsite Geologist: REX ASHLOCK
Purchaser:

Designate Type of Completion:
☐ New Well ☐ Re-Entry ☑ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator: 34953
Well Name: SCHAFER CS-4
Original Comp. Date: 11/12/2014 Original Total Depth: 1394
☐ Deepening ☑ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

12/18/2015 Spud Date or Recompletion Date
Date Reached TD
12/18/2015 Completion Date or Recompletion Date

API No.: 15-207-29005-00-01
Spot Description:
SW- SW- SW-NW Sec. 23 Twp. 26 S. R. 14 ☑ East ☐ West
2475 Feet from ☑ North / ☐ South Line of Section
165 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Woodson
Lease Name: Schafer Well #: CS-4
Field Name:
Producing Formation: BARTLESVILLE
Elevation: Ground: 908 Kelly Bushing: 0
Total Vertical Depth: 1394 Plug Back Total Depth: 1364
Amount of Surface Pipe Set and Cemented at: 42 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 1364 w/ 150 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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: 12/24/2015
☑ **Confidential Release Date:** 12/23/2017
☐ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ **I** ☑ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 09/19/2016

CORRECTION #2

Page Two

KOLAR Document ID: 1317327

Operator Name: Colt Energy Inc Lease Name: Schafer Well #: CS-4

Sec. 23 Twp. 26 S. R. 14 ☑ East ☐ West County: Woodson

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

Samples Sent to Geological Survey ☐ Yes ☑ No

TCores aken ☐ Yes ☑ No

Electric Log Run ☐ Yes ☑ No

Geologist Report / Mud Logs ☐ Yes ☐ No

List All E. Logs Run:

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
SEE ORIGINAL	DRILLERS LOG	0

CASING RECORD ☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, 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
Intermediate	4.5	2.625	8	1250	NONE	0	0

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☑ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
1295-1298			
1301-1305			

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/ Injection: 12/18/2015

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
1295	
1305	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	Schafer CS-4
Doc ID	1317327

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Intermediate	4.5	2.625	8	1250	NONE	0	0

Summary of Changes

Lease Name and Number: Schafer CS-4

API/Permit #: 15-207-29005-00-01

Doc ID: 1317327

Correction Number: 2

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Spud Or Recompletion Date	8/03/2014	12/18/2015

CORRECTION #1

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1317270

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

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5150
Name: Colt Energy Inc
Address 1: PO BOX 388
Address 2:
City: IOLA State: KS Zip: 66749 + 0388
Contact Person: BETH WILSON
Phone: (913) 236-0016
CONTRACTOR: License # 34953
Name: King, Andrew D.
Wellsite Geologist: REX ASHLOCK
Purchaser:

Designate Type of Completion:

☐ New Well ☐ Re-Entry ☑ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

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Original Comp. Date: 11/12/2014 Original Total Depth: 1394

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☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

8/03/2014 — Spud Date or Recompletion Date
— Date Reached TD
12/18/2015 — Completion Date or Recompletion Date

API No. 15 - 15-207-29005-00-01
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SW SW SW NW Sec. 23 Twp. 26 S. R. 14 ☑ East ☐ West
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165 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Woodson
Lease Name: Schafer Well #: CS-4
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(Data must be collected from the Reserve Pit)

Chloride content: ppm Fluid volume: bbls
Dewatering method used:

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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: 12/24/2015
☐ **Confidential Release Date:**
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 09/19/2016

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1274613

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

CONFIDENTIAL

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Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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: 12/24/2015
☐ **Confidential Release Date:**
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Rene Stucky **Date:** 12/28/2015

CONSOLIDATED
Oil Well Services, LLC

REMIT TO

Consolidated Oil Well Services,LLC
Dept:970
P.O.Box 4346
Houston,TX 77210-4346

MAIN OFFICE
1/10
P.O.Box884
Chanute,KS 66720
620/431-9210,1-800/467-8676
Fax 620/431-0012

Invoice

Invoice# 806685

Invoice Date: 12/22/15 Terms: Net 30 Page 1

COLT ENERGY INC.

1112 RHODE ISLAND RD
IOLA KS 66749
USA

6203653111

schafer
cs-4,cs-10,cs-14,cs-17,cs-16

15-207-29005

Part No	Description	Quantity	Unit Price	Discount(%)	Total
FE0251	Combo Unit, 1,300 HHP 1st (4) Four Hours	5.000	3,500.0000	60.000	7,000.00
FE1136	Flatbed Truck, Misc. Delivery	5.000	400.0000	60.000	800.00
FE0133	Flex-Hose Fluid Spotting Unit	5.000	500.0000	60.000	1,000.00
FC5005	15% Uninhibited HCL Acid (22 Baume)	250.000	3.9000	60.000	390.00
FC5251	CIA-2, Corrosion Inhibitor < 250 Degree F (Non-Acetylenic)	1.250	60.0000	60.000	30.00
FC5700	MaxSurf FBA (Surfactant/N.E./Remediation)	2.500	70.0000	60.000	70.00
FC5450	WG-1, Guar Gelling Agent	300.000	8.0000	60.000	960.00
FC5453	WG-2, CMHPG Gelling Agent	600.000	8.0000	60.000	1,920.00
FC5481	B-7LE, Enzyme Breaker	1.500	225.0000	60.000	135.00
FC5280	BIO-1 Powdered	14.000	35.0000	60.000	196.00
FE1054	3" Valve	5.000	500.0000	60.000	1,000.00
FE1000	Manual Ball Injector	5.000	600.0000	60.000	1,200.00
FC5176A	7/8" 1.3 Sp.Gr.RCN Ball Sealers	96.000	4.0000	60.000	153.60
FE0700	Proppant Delivery	1.000	1,000.0000	60.000	400.00
FE0002	Equipment Mileage Charge - Heavy Equipment	150.000	7.1500	60.000	429.00
WS2403	Water Transport (Frac Service)	24.000	120.0000	60.000	1,152.00
FP9003	16/30 Brown Sand	2,500.000	0.3000	60.000	300.00

1060000

CS4 D1402B219 3993.42
CS10 D1502T219 3993.42
CS14 D1502B219 3993.42
CS17 D1503O219 3993.43
CS16 D1502919 3993.43
19967.12

APPROVED JA
12/24/2015

DEC 24 RECD

CONSOLIDATED
Oil Well Services, LLC

REMIT TO

Consolidated Oil Well Services,LLC
Dept:970
P.O.Box 4346
Houston,TX 77210-4346

MAIN OFFICE

P.O.Box884
Chanute,KS 66720
620/431-9210,1-800/467-8676
Fax 620/431-0012

Invoice

Invoice# 806685

Invoice Date: 12/22/15 Terms: Net 30 Page 2

COLT ENERGY INC.

1112 RHODE ISLAND RD
IOLA KS 66749
USA

6203653111

schafer
cs-4,cs-10,cs-14,cs-17,cs-16

Part No	Description	Quantity	Unit Price	Discount(%)	Total
FP9004	12/20 Brown Sand	23,500.000	0.3000	60.000	2,820.00

Subtotal	49,889.00
Discounted Amount	29,933.40
SubTotal After Discount	19,955.60

Amount Due 49,917.80 If paid after 01/21/16

Tax:	11.52
Total:	19,967.12

5000 / 4924

CONSOLIDATED CS-4 *
Oil Well Services, LLC CS-10
CS-14
CS-17
CS-16

PO BOX 884 STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER **51159**

LOCATION Thayer

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
12-17-15	1828	Schafer		22	26S	14E	WO	Bartlesville

CHARGE TO Colt Energy Inc	OWNER
MAILING ADDRESS	OPERATOR
CITY & STATE	CONTRACTOR

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
FE0251	5	PUMP CHARGE 1350 Combo		17500 —
EE 1136	5	Iron truck		2000.00
FE0133	5	Acidspotter		2500 —
FC5005	250 gal	15% HCL acid		975.—
FC5251	1¼	Inhibitor		75 —
FC5700	2½	Maxsurf		175.00
FC6159	customer formation			
FC5450	300 #	Frac gel GA-40W	8.00	2400 —
FC5453	600 #	Frac gel GA-30W ecopoly	8.00	4800 —
FC5181	1½	Breaker		337.50
FC5280	14 #	Biocide		490 —
FE1054	5	3" Frac valve		2500 —
FE1000	5	Ball injector		3000 —
FC5176A	96	1.35G 7/8" Ballsealers		384.—
		BLENDING & HANDLING		
FE0700	501	TON-MILES		1000
		STAND BY TIME		
FE0002	150	MILEAGE Mobilization X3 P,S,I		1072.50
WS2403	24 hrs	WATER TRANSPORTS — 3		2880 —
		VACUUM TRUCKS		
FP9003	2,500 #	FRAC SAND 16-30		750 —
FP9004	23,500 #	12-20		7050 —
			SALES TAX	26.60
				49917.50
		Less -6% Disct		2995.05
			ESTIMATED TOTAL	46,922.45

CUSTOMER or AGENTS SIGNATURE _____ COWS FOREMAN Brett Busby

CUSTOMER or AGENT (PLEASE PRINT) _____ DATE 12-17-15

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

44 - 75331. 49 - 62

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

1ST well

TICKET NUMBER 61236
FIELD TICKET REF # 51159
LOCATION Thayer
FOREMAN Brett Busby

TREATMENT REPORT
FRAC & ACID

15-207-29005

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-17-15	1828	Schafer 05-4	22	26S	14E	WO

CUSTOMER: Colt Energy Inc
MAILING ADDRESS:
CITY | STATE | ZIP CODE:

TRUCK #	DRIVER	TRUCK #	DRIVER
754	Josh	735T221	George
745	London		
482	Mark		
582	Gary		
679T102	Trampis		
680T95	James		

WELL DATA

CASING SIZE 4 1/2	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE 2 3/8 EUE	PACKER DEPTH 1250
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
1295-98 (13) (2) Bartlesville	
1301-05 (17) (2)	

TYPE OF TREATMENT
Acidspot + Frac

CHEMICALS

Breaker	
Acid	
Inhibitor	
Marsurf	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	30	15.5				BREAKDOWN 2900
16-30 sand		15.5	.25-.5	500#		START PRESSURE
12-20 sand		15.5	1.0			END PRESSURE
12-20			1.0			BALL OFF PRESS
12-20			1.5	1000#		ROCK SALT PRESS
12-20 (3) balls			1.5			ISIP 375
12-20			1.5			5 MIN 300
12-20			2.0	1000#		10 MIN 275
12-20 (3) balls			2.0			15 MIN 260
12-20			2.0	1500#		MIN RATE
FLUSH CASING	8	15.5				MAX RATE
Release balls to T.D.		15.5	TOTAL	4,000 #		DISPLACEMENT 5.6
OVERFLUSH	10	15.5	SAND			4.8+.8
TOTAL BBLS	143					

REMARKS: X hold safety-procedure meeting before frac
Spotted 50 gal-15% HCL acid on perfs

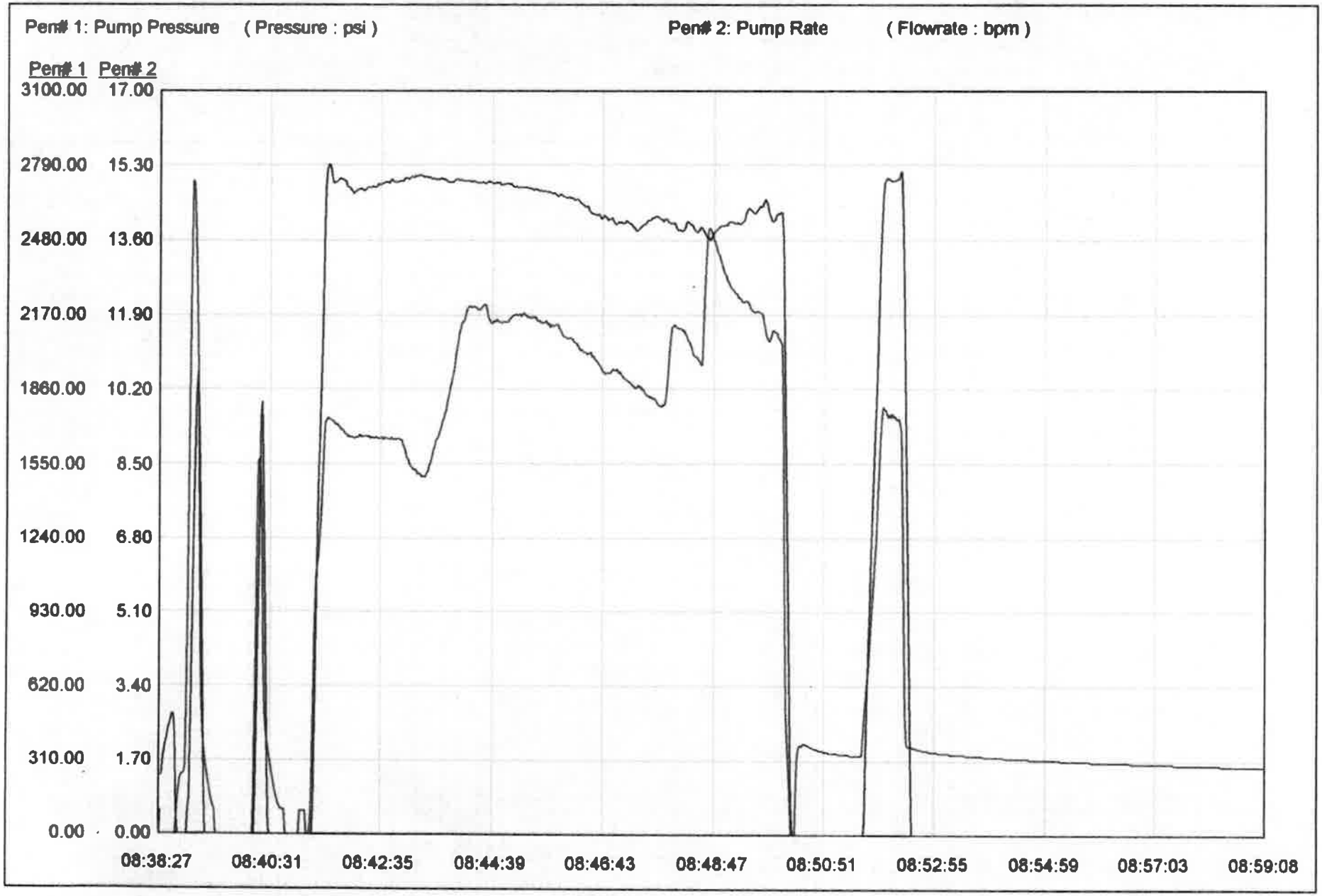
location 9:30AM - 10:15AM 50 miles

AUTHORIZATION _____ TITLE _____ DATE 12-17-15

Terms and Conditions are printed on reverse side.

SERVICE COMPANY:	C.O.W.S.	DATE RECORDED:	12/17/2015
TICKET NO:	61236	JOB NO:	
CUSTOMER NAME:	COLT ENERGY INC.	UNIT DESCRIPTION:	BARTLESVILLE
WELL NAME:	SCHAFER CS-4	UNIT NOTES:	ACIDSPOT + FRAC
WELL LOCATION:	SEC 22-26S-14E WO. CO.	FILE NAME:	COLTENERGYINC_15_12_17_#1.csv

CONSOLIDATED
OIL WELL SERVICES, LLC



Well #: Schafer CS4 Formation: Bartlesville
Type: Producer

Water: formation
Perforations: 1295 - 1299 Shots: 13
1301 - 1305 17 30

Acid / 15% HCl	50	gallons
Breaker	0.0625	gallons
Frac Gel	144	lbs
	30	lb/gal
Total Water	113	Bbls
	4746	gallons
7/8" Rubber Ball Sealers	10	balls
Pipe inside diameter	2	inches
Packer set at:	1260	feet
Casing:	4	inches

Volume to load Pipe
Bbls / ft = 0.003696417 0.015541867
Depth 1295
Volume, bbls = 5.439583699

Total Bbls	Rate		Description
	6		Load pipe, 50 gal 15% HCl
		0-6	Start 1st break

Interval Bbls	Frac			Pounds of Sand	4,000	
		12-21	Pad	Pounds of Sand	Total	Remaining
26	30	21	Start 1# 20/40	504	504	3,496.00
12	42	21	Start 1# 12/20	3486	3,990	10.00
83	125	21	Start flush			
10	135		ISIP			

4330 Shawnee Mission Pkwy
Suite 233
Fairway, KS 66205
Phone: 913-236-0016

COLT ENERGY

Fax

Dec 17th
9:00 AM
5 SPOT FRAC

To:	Rick Bell	From:	John Ameriman
Fax:	620-431-0012	Pages:	7
Phone:	620-431-9210	Date:	12/11/2015
Re:	Schafer CS-4, Schafer CS-10, Schafer CS-14, Schafer CS-16, and Schafer CS-17.	CC:	

☐ Urgent x For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• Comments:

Attached are the fracturing procedures for Schafer CS-4, Schafer CS-10, Schafer CS-14, Schafer CS-16, and Schafer CS-17. We will start with the Schafer CS-4. The Schafer lease is located south and west of Yates Center, Kansas. From Yates Center travel west along 54 Hwy for approximately 8 miles to Fox Rd, turn south on Fox Rd, travel 4 miles to 40th Rd and turn east, travel ½ miles on 40th Rd to Fawn Rd, turn south on Fawn Rd and travel ½ miles to 35th Rd, turn east on 35th Rd to the Schafer lease.

The Schafer CS-4 is completed with 4 ½" casing but we will be treating through 2 3/8" tubing and packer. Please bring chains to chain the tubing down.
The Schafer CS-10, Schafer CS-14, Schafer CS-16, and Schafer CS-17 are completed with 4 ½" casing.

These wells are scheduled for treatment on Thursday December 17 at 9:00 AM.

There is water stored in two frac' tanks at our Louk tank battery. We may require additional water. We will have a frac' tank at our Iola office filled with water. The transport can pick up a load beforehand.

Spot 50 gallons of 15% HCl acid in each well.

December 11, 2015

The treatments will use 30# gel with biocide and 4,000#/8,000# of sand (500# of 16/30 and 3,500#/7,500# 12/20 sand).

Please bring a frac valve for these wells (1 for 2 3/8" and 4 for 4 ½" casing).

Call me at the office (913-236-0016) if you have any questions.

50 gal SPOTS.
30# GEL
BIOCIDE

2 - 40 SKS, 2 50 SKS, 1 - 80 SKS
Balls.

MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING • M.I.T. SERVICES
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Perforation Record

15-207-29005

Company: COLT ENERGY, INC.

Lease/Field: SCHAFER LEASE

Well: # CS-4

County, State: WOODSON COUNTY, KANSAS

Service Order #: 34339

Purchase Order #: N/A

Date: 12/11/2015

Perforated @: 1295.0 TO 1298.0 13 PERFS
1301.0 TO 1305.0 17 PERFS
Bartlesville

Type of Jet, Gun or Charge 3 3/8" DP 19 GRAM TUNGSTEN EXPENDABLE CASING GUN

Number of Jets, Guns or Charges: THIRTY (30)

Casing Size: 4 1/2"