

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ 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: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No TCores aken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report

Ticket No. **2610**
 Foreman Kevin McCoy
 Camp EUREKA

15-207-201301

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-12-15	1003	SHAFFER # C5-10				Woodson	Ks
Customer		Safety Meeting KM DG	Unit #	Driver		Unit #	Driver
Colt Energy Inc.			105	DAVE G.			
Mailing Address			110	KEVIN M.			
P.O. Box 388			120 P.U.	ED S.			
City	State	Zip Code					
Toia	Ks	66749					

Job Type LONGSTRING Hole Depth 1416' Slurry Vol. 47 BBL Tubing _____
 Casing Depth 1400' Hole Size 6 3/4" Slurry Wt. 13.7* Drill Pipe _____
 Casing Size & Wt. 4 1/2" 10.5* Cement Left in Casing 4' SJ Water Gal/SK 9.0 Other _____
 Displacement 22.2 BBL Displacement PSI 900 Bump Plug to 1350 PSI BPM _____

Remarks: Safety Meeting: Rig up to 4 1/2 Casing. BREAK Circulation w/ 5 BBL Fresh water. Pump 300* Gel Flush w/ HULLS, 5 BBL water Spacer. MIXED 150 SKS THICK Set Cement w/ 2* PhenoSeal/SK @ 13.7*/GAL, yield 1.75 = 47 BBL SLURRY. WASH out Pump & Lines. Shut down. Release Plug. Displace Plug to SEAT w/ 22.2 BBL water. FINAL Pumping Pressure 900 PSI. Bump Plug to 1350 PSI. WAIT 2 mins. Release Pressure. Float Hold. Shut in @ 0 PSI. Good Cement Returns to SURFACE = 4 BBL SLURRY To Pit. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	840.00	840.00
C 107	25	Mileage	3.95	98.75
C 201	150 SKS	THICK Set Cement	19.50	2925.00
C 208	300 *	PhenoSeal 2*/SK	.60 *	180.00
C 206	300 *	Gel Flush	.20 *	60.00
C 214	45 *	HULLS	.45 *	20.25
C 108A	8.25 TONS	Ton Mileage	M/C	345.00
C 403	1	4 1/2 Top Rubber Plug	45.00	45.00
<div style="border: 1px solid black; border-radius: 50%; width: 150px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <p>590 < 231.82 > # 4518.45</p> </div>				
THANK You				
			7.5%	
			Sub Total	4514.00
			Sales Tax	242.27
Authorization <u>Witnessed By Deb</u> Title <u>Colt Company Rep.</u>			Total	4756.27

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

12/10

Bar Drilling, LLC

INVOICE

1317 105th Rd
Yates Center, KS 66783
(719) 210-8806 ,(620) 625-3679

DATE: November 30, 2015
INVOICE #

BILL TO:
Colt Energy Inc.
P.O. Box 388
Iola, KS 66749

FOR: Schafer CS-10

15-207-29301

DESCRIPTION	Quantity	RATE	AMOUNT
set 40.5' of 8 5/8" surface casing with 12 sacks of cement		included	
Drilled 1416' 6 3/4" hole.	1.00	10125.00	10,125.00
2nd core	1.00	1500.00	1,500.00

APPROVED JA 12/2/2015

SUBTOTAL	\$	11,625.00
TAX RATE		
SALES TAX		
OTHER		
TOTAL	\$	11,625.00

10600
D15027109

THANK YOU FOR YOUR BUSINESS!

DEC 2 REC'D

Mud Rotary Drilling
Andrew King - Manager/Driller

Bar Drilling, LLC
Phone: (719) 210-8806

1317 105th Rd.
Yates Center, KS 66783

Company/Operator Colt Energy Inc. P.O. Box 388 Iola, KS 66749	Well No. cs 10	Lease Name Schafer	Well Location 3170 fsl, 913 fel				1/4 NE	1/4 SW	1/4 SE	Sec. 22	Twp. 26s	Rge, 14e
	Well API # 15-207-29301		Type/Well Oil	County Woodson			State KS	Total Depth 1416	Date Started 11/9/2015	Date Completed 11/12/2015		
Job/Project Name/No.	Surface Record		Bit Record				Coring Record					
			Type	Size	From	To	Core #	Size	From	To	% Rec.	
Driller/Crew	Bit Size:	11 1/4	PDC	11 1/4	0'	40.5'	1	3"	1303'	1331'	99	
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40.5'	1416'	2	3"	1331'	1355'	99	
Charles King	Casing Length:	40.5'										
	Cement Used:	12SX										
	Cement Type:	Portland										

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	45	Overburden	1355	1405	shale			
45	233	shale	1405	1415	sandy shale			
233	492	lansing lime	1415	1416	Miss. Lime			
492	572	shale						
572	745	Kc lime						
745	878	shale						
878	888	lime						
888	946	shale						
946	986	sandy shale						
986	990	lime						
990	1043	sandy shale						
1043	1056	lime						
1056	1076	shale						
1076	1078	lime						
1078	1085	sand (oil show)						
1085	1143	sandy shale						
1143	1145	lime						
1145	1248	shale						
1248	1251	coal						
1251	1276	shale						
1276	1277	sand gas odor						
1277	1303	mostly gas sand						
1303	1331	core #1						
1331	1355	core #2						

Well Notes:
ran 4 1/2" casing.

LF18100 Mining Services Chart
OPERATION *LAH Energy*
No. *0510* LEASE *Shale*

COUNTY *WYO* STATE _____
DATE ON _____ TIME ON A.M. P.M. T.S. ON _____

WORK OPERATIONS
11-11-2015

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850
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Take in surface bore

1200 core

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331-1355

Core slot

1416 1/2 TD

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

MAIN OFFICE
 1/10
 P.O. Box 884
 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

15207-29301 CS-10

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 D14028219 3993.42
 CS10 D15027219 3993.42
 CS14 D15028219 3993.42
 CS17 D15030219 3993.43
 CS16 D15029219 3993.43
 19967.12

APPROVED JA
 12/24/2015

DEC 24 REC'D

BARTLESVILLE, OK 918/338-0808

EL DORADO, KS 316/322-7022

EUREKA, KS 620/583-7554

PONCA CITY, OK 580/782-2303

OAKLEY, KS 785/672-8822

OTTAWA, KS 785/242-4044

THAYER, KS 620/838-5289

GILLETTE, WY 307/686-4814

CUSHING, OK 918/225-2860



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. Box 884
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

Tax: 11.52

Total: 19,967.12

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7554

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/872-8822

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/688-4814

CUSHING, OK
918/225-2650



CONSOLIDATED
Oil Well Services, LLC

CS-4
CS-10
CS-14
CS-17
CS-16

5017
4924

TICKET NUMBER **51159**

LOCATION Thayer

PO BOX 584 STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

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 <u>Colt Energy Inc</u>				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-
FE 1136	5	Iron truck		2000.00
FE0133	5	Acid spotter		2500-
FC5005	250 gal	15% HCL acid		975.-
FC5251	1/4	Inhibitor		75.-
FC5700	2 1/2	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-
FC5281	1 1/2	Breaker		337.50
FC5280	14 #	Biacide		490-
FE1054	5	3" frac valve		2500-
FE1000	5	Ball injector		3000-
FC5176A	96	1.35G 7/8" Ballbeaters		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	26.80
				49977.50
			Less - 60 disc	
			ESTIMATED TAX	11,701.11

CUSTOMER or AGENTS SIGNATURE _____

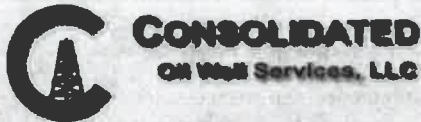
COWS FOREMAN Bratt Busby

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 at our office, and conditions of services on the back of this form are in effect for services identified on this form.

44-75331. 49-62



PO Box 884, Chapute, KS 66720
620-431-8210 or 800-467-8676

2nd well

TICKET NUMBER 61237
FIELD TICKET REF # 51159
LOCATION Thayer
FOREMAN Brett Busby

**TREATMENT REPORT
FRAC & ACID**

15-207-24301

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-17-15	1828	Schafer CS-10	22	26S	14E	WO

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Colt Energy Inc. MAILING ADDRESS CITY STATE ZIP CODE	754	Josh		
	745	London		
	482	Mark		
	582	Gary		
	679T102	Trampis		
	680T95	James		

WELL DATA

CASING SIZE <u>4 1/2</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1312 - 1324 (27)</u> <u>Bortlesville</u>	
<u>1326 - 1338 (34)</u> <u>(61)</u>	

TYPE OF TREATMENT

Acid spot + frac

CHEMICALS

Breaker	
Acid	
Inhibitor	
Maxsurf	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	30	20				BREAKDOWN 1000
16-30 sand		20	5-1.0	5004		START PRESSURE
12-20 sand		20	1.5			END PRESSURE
12-20			2.0	1000		BALL OFF PRESS
12-20 (5) Balls			2.0			ROCK SALT PRESS
12-20			2.0	1000		ISIP 525
12-20 (5) Balls			2.0			5 MIN 375
12-20			2.0	1000		10 MIN 360
12-20 (5) Balls			1.0			15 MIN 350
12-20		19	2.0			MIN RATE
FLUSH CASING		19				MAX RATE
Release balls to T.D.			TOTAL	5,000 #		DISPLACEMENT 21.6
OVERFLUSH	10	20	SAND			
TOTAL BBL'S	171					

REMARKS:

Spotted 50 gal -15% HCL acid on perfs

Location 10:30 AM - 11:15 AM 50 miles

AUTHORIZATION [Signature] TITLE _____ DATE 12-17-15

Terms and Conditions are printed on reverse side.

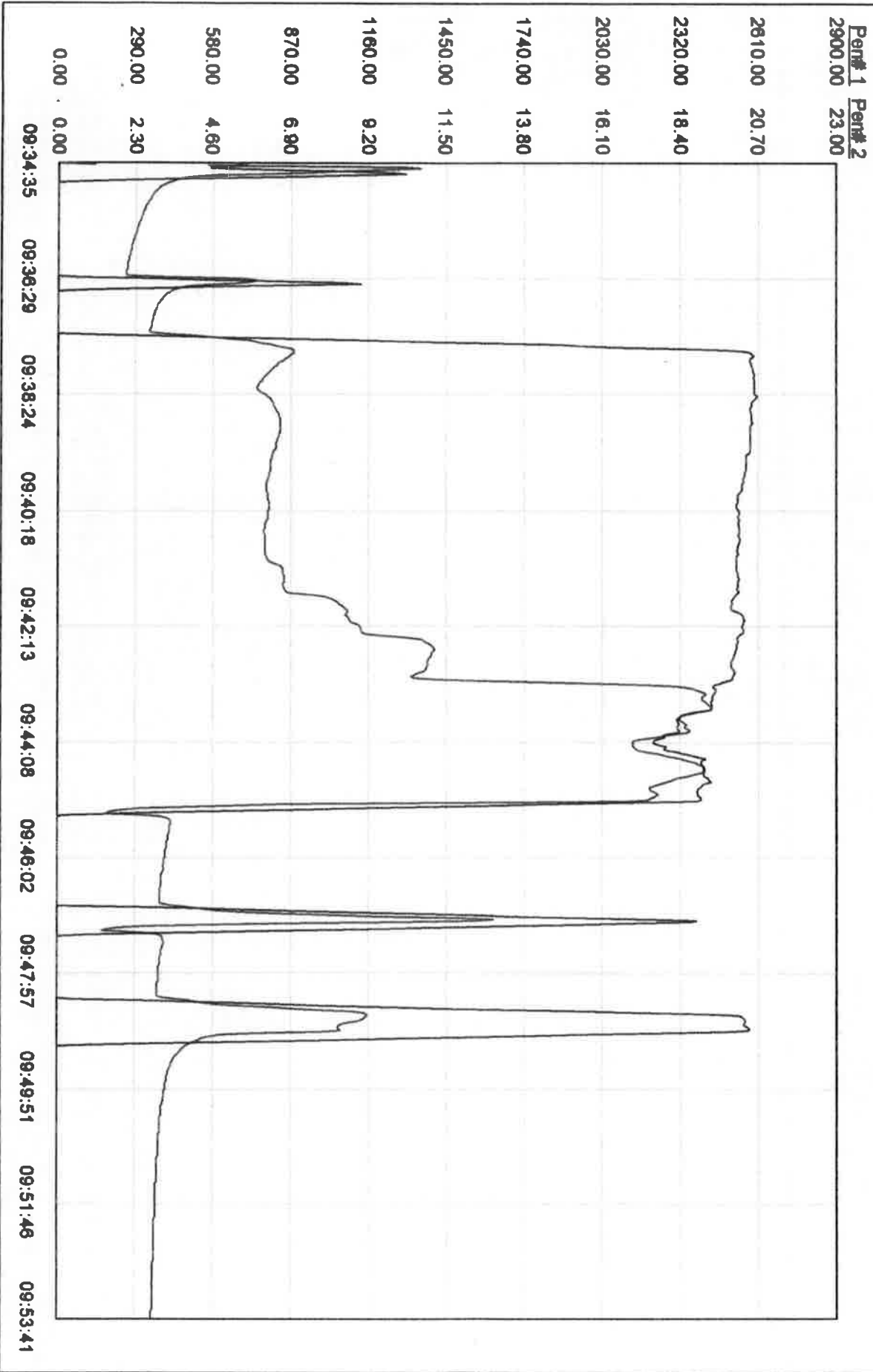
SERVICE COMPANY: C.O.W.S.
 TICKET NO: 61237
 CUSTOMER NAME: COLT ENERGY INC.
 WELL NAME: SCHAFER GS-10
 WELL LOCATION: SEC 22-28S-14E WO. CO.

DATE RECORDED: 12/17/2015
 JOB NO:
 UNIT DESCRIPTION: BARTLESVILLE
 UNIT NOTES: ACIDSPOT + FRAC
 FILE NAME: COLTENERGYINC_15_12_17_#2.csv



Pen# 1: Pump Pressure (Pressure : psi)

Pen# 2: Pump Rate (Flowrate : bpm)



Well #: Schafer CS-10 Formation: Bartlesville
 Type: Producer

Water: formation water

Perforations:	1312 - 1315	Shots	13	
	1318 - 1320	Shots	9	
	1323 - 1324	Shots	5	
	1326 - 1330	Shots	17	
	1334 - 1338	Shots	17	61

Acid / 15% HCl	50	gallons
Breaker	0.0625	gallons
Frac Gel	200	lbs
	30	lb/gel

Total Water 159 Bbls
 6669 gallons

7/8" Rubber Ball Sealers: 15 balls
 Pipe inside diameter 4 inches
 Volume to load Pipe
 Bbls / ft = 0.015541667
 Depth 1338
 Volume, bbls = 20.79475102

Total Bbls Rate Description
 21 Load pipe
 0-8 Start 1st break

Interval Bbls						
		Frac		Pounds of Sand	5,000	
9	30	12-21 Pad		Pounds of Sand	Total	Remaining
12	42	21 Start 1# 16/30		504	504	4,496.00
107	149	21 Start 1# 12/20		4494	4,998	2.00
10	159	21 Start flush ISIP				



4330 Shawnee Mission Pkwy
Suite 233
Fairway, KS 66206
Phone: 913-236-0018



*Dec 17th
9:00 AM
5 SPT r FRAC.*

Fax

To: Rick Bell	From: John Amernan
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 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 1/2 miles on 40th Rd to Fawn Rd, turn south on Fawn Rd and travel 1/2 miles to 35th Rd, turn east on 35th Rd to the Schafer lease.

The Schafer CS-4 is completed with 4 1/2" 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 1/2" 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 30 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 1/2" 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.

End of Well Report & Formation Tops

Well: Schafer CS10

3170 FSL 913 FEL

Sec. 22 T26S R14E

Woodson Co., Kansas

API # 15-207-29301

Elevation: 963.50 est based on surrounding surveyed locations

Drilling Contractor: BAR Drilling LLC

Spud: 11/9/2015

Surface Casing: 40.5' of 8 5/8" csg, cmtd w/12 sx

Under Surface: 11/10/2015

Drilling Fluid: Water "native mud" and a little polymer

Production Bore Hole: 6.75"

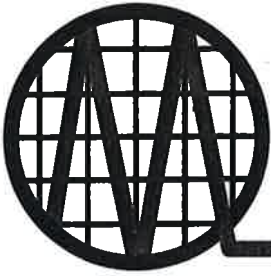
Rotary Total Depth (RTD): 1416

Geophysical E-Log(s): Osage Wireline

Production Casing: 1401.00' of 4 1/2" csg, 10.5#/ft, includes 4' cmt pup jt,
cmtd w/150 sx (11/12/2015)

FORMATION TOPS

Formation Member	DL/SPL Tops	E-Log (Rdd)	Datum (MSL)
Kansas City	572	572	386.0
Stark SH	660	660	298.0
Hushpuckney SH	700	700	258.0
Base of KC	730	730	228.0
Old DL Base KC	744	744	214.0
South Mound SH	838	838	120.0
Lenapah LS	842	842	116.0
Weiser SS	942	942	16.0
Mulberry Coal	978	978	-20.0
Pawnee LS	985	985	-27.0
Myric Station LS	1002	1002	-44.0
Anna (Lex. Coal Zn) SH	1006	1006	-48.0
Fort Sct LS	1030	1030	-72.0
Little Osage (Sum Coal Zn) SH	1050	1050	-92.0
Excello SH	1063	1063	-105.0
Mulky Coal	1068	1068	-110.0
Squirrel SS	1074	1074	-116.0
Bevier Coal	1129	1129	-171.0
Verdigris LS	1141	1141	-183.0
Croweburg "V" SH	1143	1143	-185.0
Fleming Coal	1181	1181	-223.0
Mineral Coal	1196	1196	-238.0
Scammon Coal	1214	1214	-256.0
Tebo SH	1240	1240	-282.0
Tebo Coal	1248	1248	-290.0
Upper "Gas" BV Sandstone	1280	1280	-322.0
Bartlesville SS	1310	1310	-352.0
Mississippi LS	1415	1415	-457.0



MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING • M.I.T. SERVICES

P.O. Box 68 • Osawatomie, KS 66064
Phone 913-755-2128 • Fax 913-755-6533

Perforation Record

Company: COLT ENERGY, INC. *15-207-29301*

Lease/Field: SCHAFFER LEASE

Well: # CS-10

County, State: WOODSON COUNTY, KANSAS

Service Order #: 34341

Purchase Order #: N/A

Date: 12/16/2015

Perforated @:	1312.0 TO 1315.0	13 PERFS
	1318.0 TO 1320.0	9 PERFS
	1323.0 TO 1324.0	5 PERFS
	1326.0 TO 1330.0	17 PERFS
	1334.0 TO 1338.0	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: SIXTY ONE (61)

Casing Size: 4 1/2"