





1263422

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  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <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
--	---

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---



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# 804505

Invoice Date: 06/16/15 Terms: Net 30 Page 1

COLT ENERGY INC.  
 1112 RHODE ISLAND RD  
 IOLA KS 66749  
 USA  
 6203653111

ALLEN 12-1  
 15-207-29222

15-207-29224

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,085.0000	28.000	781.20
CE0002	Equipment Mileage Charge - Heavy Equipment	25.000	4.2000	28.000	75.60
CE0711	Minimum Cement Delivery Charge	1.000	368.0000	28.000	264.96
CC5861	ThixoBlend II	135.000	20.1600	28.000	1,959.55
CC5965	Bentonite	200.000	0.2200	28.000	31.68
CC6079	PhenoSeal Formica Flakes	135.000	1.3500	28.000	131.22
CC6075	Celloflake	34.000	2.4700	28.000	60.47
CP8178	4 1/2" Top Rubber Plug	1.000	47.2500	28.000	34.02

Subtotal 4,637.08  
 Discounted Amount 1,298.38  
 SubTotal After Discount 3,338.70  
 Amount Due 4,857.23 If paid after 07/16/15

Tax: 158.51  
 Total: 3,497.21

APPROVED JA 6/22/2015

100000  
 D15013203





**CONSOLIDATED**  
Oil Well Services, LLC

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

JM 3096  
FT 3019  
Invoice # 804505

TICKET NUMBER 46097  
LOCATION GI Dorado  
FOREMAN Fuzzy

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

APZ # 15-207-29224

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/11/15	1828	Allen #12-i	14	26	19E	W0
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Colt Energy, Inc.			603	Tracy		
MAILING ADDRESS			510	Bruce (Holt)		
PO Box 388						
CITY	STATE	ZIP CODE				
Iola	KS	66749				

JOB TYPE L/S HOLE SIZE 6.75 HOLE DEPTH 1375' CASING SIZE & WEIGHT 4 1/2 15.75  
 CASING DEPTH 1360' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL \_\_\_\_\_ WATER gal/ft \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 21.5 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on location. Risup establish circulation  
 mix 200# Gel followed by 2-3596 water mix 135cks  
 Thickest w/ 1/4" floccul, 1# phenos seal. Wash pump and lines  
 Drop plug and displace 2 3/4 BBL 650# list land plug  
 @ 1000# flow held  
 Cement did circulate approx 7 BBL to pit.

THANKS Fuzzy + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 CE045D	1	PUMP CHARGE	1085 <sup>00</sup>	1085 <sup>00</sup>
5406 CE000Z	25 miles	MILEAGE	42 <sup>00</sup>	105 <sup>00</sup>
5407 CE0711	6.3 ton	Ton mileage Delivery (min)	141	368 <sup>00</sup>
1126A CE5861	135cks	Thickset	2016	2721 <sup>60</sup>
1118B CE5966	200#	Gel	22	44 <sup>00</sup>
1107A CE6079	135#	Pheno seal	133	182 <sup>25</sup>
1107 CE6075	136#	Poly slake	247	83 <sup>98</sup>
4404 CE9818	1	4" 2 rubber plug	4733	4733 <sup>00</sup>
				4637 <sup>98</sup>
				1
			28% discount	1298.38
				3338.70
			7.15	SALES TAX
				ESTIMATED
				TOTAL
				3498.21

Revin 3737

AUTHORIZATION R.R. [Signature] TITLE \_\_\_\_\_ 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.

## TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

## SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

## WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



**Colt Energy, Inc.**  
**Geological Report**

Well: **Allen #12-i**

Draft: 6/12/2015

360 FSL, 1800 FEL

Section 14-T26S-R14E

Woodson Co., KS

API #: 15-207-29224

Elevation: 917 GL (est. from the surveyed location of the Allen #8)

Drilling Contractor: Andrew King (Op. Lic. #34953), dba BAR Drilling, LLC

Spud: 6/08/2015

Surface Casing: 11.75" bore hole, 8 5/8" set at 40.5', cmtd w/ 14 sx of Portland

Under Surface: 6/09/15

Drilling fluid: water "native mud" and a little polymer

Production bore hole: 6.75"

Rotary Total Depth (RTD): 1375' (6/10/15)

Geophysical E-Log(s): CDL and IES by Osage Wireline (6/10/15)

Production Casing: 1360.21' of 4 1/2", 10.5#/ft., includes 4' cmt pup jt., cmtd w/ 135 sx, (6/11/15)

Production Casing: Ran in hole by: BAR Drilling, LLC (6/11/15)

<b>Formation/Member</b>	<b>DL/Spl Tops</b>	<b>Log Tops (Rdd off)</b>	<b>Datum (917)</b>
Lansing Ls	174 (DL)	167	750
Base Lansing	439	434	483
Kansas City Ls	516	508	409
Stark Sh	----	600	317
Hushpuckney Sh	----	637	280
Base Ks City	----	664	253
"Old Drillers Log" B. KC	690	681	236
South Mound Sh	----	786	131
"Weiser" Ss	884	882	35
Mulberry Coal	----	927	-10
Myrick Station Ls	----	952	-35
Anna (Lexington Coal Zone) Sh	----	957	-40
Ft. Scott ("Oswego") Ls	990 (drlg time)	982	-65
Little Osage (Summit Coal Zone) Sh	1009	1002	-85
Excello Sh	1022 (spl)	1016	-99
Mulky Coal	1025	1020	-103
Squirrel Sand	1034	1028	-111
Bevier Coal	1091 (drlg time)	1085	-168
Verdigris (Ardmore) Ls	1104	1098	-181
"V" (Croweburg) Sh	1106	1101	-184
Croweburg Coal	----	1103	-186
Fleming Coal	1148	1142	-225
Mineral Coal	1165	1160	-243
Scammon Coal	1180	1176	-259
"Lower" Cattleman Ss	1182	1178	-261

<b>Formation/Member</b>	<b>Spl Tops</b>	<b>Log Tops (Rdd off)</b>	<b>Datum (917)</b>
Un-named Carb. Zone	1219	1215	-298
Un-Named Coal (Tebo?)	----	----	----
Bartlesville Ss Zone	1246	1244	-327
“Clean” Bartlesville Ss	1154	1251	-334
Un-Named Coal	1305	1304	-387
Un-Named Coal	1335	1335	-418
Riverton Coal	1341	1341	-424
Mississippian	*1374	----	*-457
Rotary Total Depth	1375.5	----	-458
E-log TD	----	1376	-459

**Note:** The drilling depths are 6-8 feet off up the hole, had depth corrections at 1171, 1233, and at 1286.

**The following report is based on microscopic examination of rotary drill cuttings collected on location while drilling, a core taken from the Bartlesville Sand Zone, and a series of open hole logs; depths have been corrected back to the open hole log measurements unless noted.**

**Note:** Drill cuttings were collected, “bagged”, and microscopically examined from 1040 to 1090 and 1200 to 1375 (RTD).

### **Major Zones of Interest:**

**“Weiser” Sandstone.** The open hole log(s) or “log”, shows sand from 882 to 907 with a minor shale break from 899 to 904, this sand is “watery” and could make a good water source for a water supply well if needed.

**Mulberry Coal, 927-929.** Log shows a little over a foot of coal with a bulk density of 1.56.

**Anna Shale (Lexington Coal Zone), 957-959.** The log indicates black shale and no coal present.

**Little Osage Shale (Summit Coal Zone), 1002-1004.** Log shows a little over 2 feet of black shale and about 4 feet of shale below that, no coal present.

**Excello Shale, 1016-1020.** Shale, black, mostly angular cuttings, pyritic, trace gritty textured in part, no visible shows of gas.

**Mulky Coal, 1020-1022+.** Log shows about 2 feet of coal, there was only a small amount in the drill cuttings examined and just a few were “floaters”, no apparent shows of gas, this coal has a bulk density of 1.16. There is a small washout below the coal, but do not believe it has affected the bulk density reading.

## Allen #12-i

### Major Zones of Interest continued:

**Squirrel Sand, 1028-1035.** Silt/sandstone, grays with tan tint in part, silt size to fine grain, angular, to very angular, poor to very poorly sorted, moderately consolidated, loose grains to friable clusters, poor to fair porosity, fairly shaley, very weak odor, no fluorescence, very weak spotty shows of very dark brown to black free oil, weak show of hydrocarbon residue – “dead oil”, no shows of gas.

**1041-1052.** Sandstone, clear, frosted, opaque, semi-translucent, grains, that have a light gray tint when clustered, silt size to fine grain, poor to moderately sorted, abundant loose grains, very friable clusters, mostly good porosity (log indicates very good porosity), carbonaceous and micaceous in part, no to very-very dull fluorescence, weak to fair oily odor, weak trace fair show of “black” free oil, fair show of hydrocarbon residue, no shows of gas.

Note: Do not believe the Squirrel Sand merits further testing as of report date.

**Bevier Coal, 1085-1087.** The log shows 2+/- feet of coal with a bulk density of 1.43.

**Croweburg Coal, 1103-1104.** Log indicates around a foot of coal with a bulk density of 1.55.

**Fleming Coal, 1142-1144+.** The log specifies just shy of 2 feet of coal, bulk density is 1.21.

**Mineral Coal, 1160-1162.** Coal, pyritic, few “floaters”, no shows of gas, log points out a little over a foot of coal with a bulk density of 1.52.

**Scammon Coal, 1175+ - 1177.** Coal, fairly pyritic, 5% were “floaters” no visible shows of gas, has a bulk density of 1.37.

**“Lower” Cattleman Sand, 1178-1184+/-.** Silt/sandstone, medium to dark gray, black (color varies due to hydrocarbon residue), silt size to fine grain, angular to very angular, poor to very poorly sorted, well consolidated, friable to semi-friable clusters, poor to somewhat fair porosity in part, scattered shale platelets and micaceous fragment in part, very weak pungent petroliferous odor, fair to good show of hydrocarbon residue – “dead oil”, no shows of free oil or gas, this sand does not merit further testing, but should be examined in future well tests.

**Un-named Carbonaceous Zone, 1215+ - - 1220.** Shale, black, mix of angular, blocky, and platy cuttings, pyritic, trace carbonaceous, no shows of coal or gas and the log indicates no coal present.



## Allen #12-i

### Major Zones of Interest continued:

#### Bartlesville Sand Zone:

1244-1251. Sort of a mix or conglomerate of; tan clay/mudstone with light gray silt and sand grains to clusters attached to some fragments, gray-green shale with micro laminations of silt and very fine grain sandstone, that is carbonaceous in part, trace brown silt/sandstone – also carbonaceous in part, trace loose, sub-rounded, coarse grains of sand, trace clayish clusters of sand that is/was fairly micaceous, sample had fair to good oil odor, dull fluorescence, very weak scattered shows of “tarry” to “tacky” hydrocarbon residue, no shows of free oil or gas.

1251 to 1255+/-. Sandstone, browns (color varied with oil content of the sand clusters), very fine to medium grain, sub-angular to angular with a few sub-rounded to very angular grains, poor to moderately sorted, poor to very well consolidated, loose grains to friable clusters, good to very good inter-granular porosity (log shows very good to excellent porosity), scattered micro shale platelets and micaceous fragment in part, poor to dull fluorescence, very good to strong odor, good to very good with some clusters exhibiting excellent shows of very dark brown free oil, no apparent shows of free gas, circulated a good show of free oil to the drilling pits when this footage was drilled.

**Note:** Cored the Bartlesville Sand from 1258 to 1286.4+/- (Driller’s depths or about 1255.5+/- to 1283.9+/-), please see the Core Report.

#### Bartlesville Drill Cuttings continued:

1291-1297. Sandstone, medium grays, silt size to fine with trace medium grained, sub-angular to very angular, poor to very poorly sorted, poorly consolidated, abundant loose grains and very fine friable clusters, poor trace fair porosity, very-very weak to fair pungent petroliferous odor, no fluorescence, weak to fair show of “dead oil” (dead oil show seemed to slightly increase with depth), no shows of free oil or gas.

1297-1300+/-. Shale, medium gray with lamina and thin lenses of off white and light gray siltstone and very fine grain sandstone, trace clay/mudstone, very weak scattered shows of “dead oil”, not shows of free oil or gas.

#### Un-named Coal (possibly one of the Neutrals; “AW” or “BW” or the Rowe), 1304-1306.

Coal, 30%+ were floaters, pyritic in part, few fragments exhibited secondary fracturing with gypsum along fracture planes, no visible shows of gas, log shows a good 2 feet of coal and has a bulk density of 1.12

Un-named Coal, 1335+ - 1236+. Coal, no much in sample and only a few floaters, log indicates less than 6 inches thick with a bulk density of 1.94.

## Allen #12-i

### Major Zones of Interest continued:

**Riverton Coal.** There are two coals separated by about a 1.5 feet shale, the top coal is about 2.4 feet thick with a bulk density of less than 1 (about .97+/-) and the bottom is right at 2 feet with a bulk density of 1.03. The drill cuttings collected and examined contained only small amount of coal, of which most were “floaters”, but with this much coal one would of thought that the sample bag should of contained about 80 or 90% coal, the drilling fluid turned the pit black, so maybe the “drag” bit just pulverized the coal, also seen not visible shows of gas.

**Mississippi (an), 1374-1375.5+/- (sample footage, not logged).** Conglomerate; weathered chert fragments, tripolitic in part, few loose, sub-rounded, coarse sand grains, couple of tan dolomite fragments and various shades of gray shale. There was/is a 4 feet beige to light gray, clayish to dense, very poorly sorted, poor to very well consolidated, carbonaceous silt/sandstone laying on top of this conglomerate material, maybe part of the overall conglomerate, no shows.

### Summary:

The subject well was drilled for the purpose of injecting water into the Bartlesville Sand, after finding the sand was well developed and contained good shows of oil in same, the decision was made to run 4 ½” casing to complete the well as an “injector”.

End Report

---

Rex R. Ashlock  
For: Colt Energy, Inc.


# Bar Drilling, LLC

# INVOICE

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

**DATE:** June 30, 2015  
**INVOICE #**

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

**FOR:** Allen 12-I  
API# 15-207-29224 

DESCRIPTION	Quantity	RATE	AMOUNT
set 40.5' of 8 5/8" surface casing with 14 sacks of cement		included	
drilled 1375', (6 3/4" hole)	1.00	10125.00	10,125.00
core	1.00	included	
<b>APPROVED JA 7/6/2015</b>			
SUBTOTAL			\$ 10,125.00
TAX RATE			
SALES TAX			-
OTHER			
<b>TOTAL</b>			<b>\$ 10,125.00</b>

**THANK YOU FOR YOUR BUSINESS!**

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. 12-1	Lease Name Allen	Well Location 360'fsl, 1800'fel	1/4 NW	1/4 SE	1/4 SW	Sec. 14	Twp. 26s	Rge, 14e	
Job/Project Name/No.		Well API # 15-207-29224	Type/Well Oil	County Woodson	State KS	Total Depth 1375'	Date Started 6/8/2015	Date Completed 6/10/2015			
Driller/Crew Andy King Charles King		Surface Record		Bit Record		Coring Record					
Bit Size:	11 1/4	Type	PDC	Size	11 1/4	From	0'	To	40.5	Core #	1
Casing Size:	8 5/8	Type	PDC	Size	6 3/4	From	40.5'	To	1375'	From	1258'
Casing Length:	40.5'									To	1286'
Cement Used:	14SX										
Cement Type:	Portland										

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation
0	15	Overburden	1358	1369	Riverton (Coal)			
15	174	shale	1369	1374	Broken			
174	439	lime	1374	1375	Miss lime			
439	516	shale						
516	690	lime						
690	818	shale/coal						
818	819	lime streak						
819	835	shale						
835	845	lime						
845	884	shale						
884	940	sand pawnee						
940	1009	lime						
1009	1017	Ft Scott Lime						
1017	1023	shale						
1023	1037	lime						
1037	1045	shale						
1045	1104	shale						
1104	1106	lime						
1106	1220	shale						
1220	1224	black shale						
1224	1255	sandy shale						
1255	1258	oil sand						
1258	1286	Core #1						
1286	1358	shale						

Well Notes:

12-1 *Colt Energy*

*06/06/15* *R2*

*06-09-2015*

*7350 Am*

*516 R*

*835 line*

*740 Power*

*1250 loc pt*

*Comp 1258-1260*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

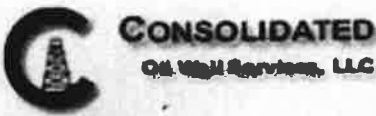
*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*

*1375 T.D.*



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

8/10 MAIN OFFICE  
 P.O.Box 884  
 Chanute, KS 66720  
 620/431-9210, 1-800/467-8676  
 Fax 620/431-0012

Invoice

Invoice#

804970

Invoice Date: 07/20/15

Terms: Net 30

Page 1

COLT ENERGY INC.

1112 RHODE ISLAND RD  
 IOLA KS 66749  
 USA  
 6203653111

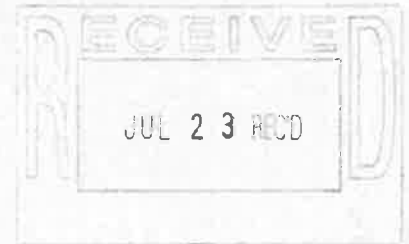
ALLEN 12-111-I,10-I

12-i 15-207-29224

Part No	Description	Quantity	Unit Price	Discount(%)	Total
FE0251	Combo Unit, 1,300 HHP 1st (4) Four Hours	3.000	3,500.0000	55.000	4,725.00
5116	Iron Truck	3.000	400.0000	55.000	540.00
AE0133	Coiled Hose Acid Spotter	3.000	500.0000	55.000	675.00
FC5005	15% Uninhibited HCL Acid (22 Baume)	150.000	3.9000	55.000	263.25
FC5251	CIA-2, Corrosion Inhibitor < 250 Degree F (Non-Acetylenic)	0.500	60.0000	55.000	13.50
FC5700	MaxSurf FBA (Surfactant/N.E./Remediation)	0.750	70.0000	55.000	23.63
FC5450	WG-1, Guar Gelling Agent	525.000	8.0000	55.000	1,890.00
FC5280	BIO-1 Powdered	6.000	35.0000	55.000	94.50
FC5481	B-7LE, Enzyme Breaker	0.750	225.0000	55.000	75.94
FE1054	3" Valve	3.000	500.0000	55.000	675.00
FE1000	Manual Ball Injector	3.000	600.0000	55.000	810.00
FC5176A	7/8" 1.3 Sp.Gr.RCN Ball Sealers	60.000	4.0000	55.000	108.00
FE0700	Proppant Delivery	1.000	1,000.0000	55.000	450.00
FE0002	Equipment Mileage Charge - Heavy Equipment	150.000	7.1500	55.000	482.63
WS2403	Water Transport (Frac Service)	10.000	120.0000	55.000	540.00
FP9003	16/30 Brown Sand	1,500.000	0.3000	55.000	202.50

100000  
 10i D15004 219 4421.52  
 11i D15005 219 4421.52  
 12i D15013 219 4421.51  
13264.55

APPROVED JA 7/24/2015







**CONSOLIDATED**  
Oil Well Services, LLC

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

MAIN OFFICE

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

Invoice

Invoice#

804970

Invoice Date: 07/20/15

Terms: Net 30

Page 2

COLT ENERGY INC.

1112 RHODE ISLAND RD  
IOLA KS 66749  
USA  
6203653111

ALLEN 12-I,11-I,10-I

Part No	Description	Quantity	Unit Price	Discount(%)	Total
FP9004	12/20 Brown Sand	12,500.000	0.3000	55.000	1,687.50
Subtotal					29,458.75
Discounted Amount					16,202.31
SubTotal After Discount					13,256.44

Amount Due 29,476.75 If paid after 08/19/15

Tax: 8.10  
Total: 13,264.55



**CONSOLIDATED**  
Oil Well Services, LLC

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

12-i  
11-i  
10-i

**FIELD TICKET**

3510  
34481

TICKET NUMBER **50521**

LOCATION Thayer

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
7-15-15	1828	Allen		23	26	14	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	3	PUMP CHARGE 1350 Combs		10500-
FE1136	3	Iron truck		1200-
<del>FE0183</del>	3	Acid spotter		1500-
5128 FC5005	150	Inhibitor 15% HCL acid		585-
FC5251	1/2	Maxsurf Inhibitor		30-
FC5700	3/4	Maxsurf		52.50-
FC6159	customer formation			
FC5450	525 #	Frac gel		4200-
FC5280	6 #	Biocide		210-
FC5481	3/4	Breaker		168.75-
FE1054	3	3" frac valve		1500-
FE1000	3	Ball injector		1800-
FC5176A	60	1.3 SG 7/8" Ball sealers		240-
BLENDING & HANDLING				
FE0700	50	TON-MILES		1000-
STAND BY TIME				
FE0002	150.56	MILEAGE Mobilization X3 P.S.I		1072.50
WS2403	10 hrs	WATER TRANSPORTS - 4		1200-
VACUUM TRUCKS				
FP9003	1,500 #	FRAC SAND 16-30		450-
FP9004	12,500 #	12-20		3750-
3 OF 5 -			SALES TAX	18.04 8.0
Less 55% Disc				29476.25
			ESTIMATED TOTAL	116210.217
				12264.27

No Further discounts available

CUSTOMER or AGENTS SIGNATURE

COWS FOREMAN

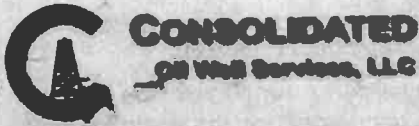
Brett Busby

CUSTOMER or AGENT (PLEASE PRINT)

DATE 7-15-15

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.

5575



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

15<sup>th</sup> well  
3461

TICKET NUMBER 60902  
FIELD TICKET REF # 50521  
LOCATION Thayer  
FOREMAN Brent Burley

**TREATMENT REPORT  
FRAC & ACID**

15-207-29224

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-15-15	12-4	Allen 12-i	26	11		WO
CUSTOMER Colt Energy			* Safety meeting attendees			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			754	Josh	679T102	Junior
STATE			745	London	735T221	George
ZIP CODE			482	Mark		
			582	Wes		
			618T95	Trampis		
			680T91	James		

**WELL DATA**

CASING SIZE <u>4 1/2</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>---</u>	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1252-63 (53)</u>	<u>Bartlesville</u>

**TYPE OF TREATMENT**  
Acid spot + Frac

**CHEMICALS**  
Biocide - Breaker  
Acid - Inhibitor - Maxsurf

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	30	20				BREAKDOWN 1500
16-30		20	.5-1.0	500#		START PRESSURE
12-20		20	1.0-2.0	2,000#		END PRESSURE
12-20	(5)	20	2.0	500#		BALL OFF PRESS
12-20	(5)	18	2.0	500#		ROCK SALT PRESS
12-20	(5)	18	2.0	500#		ISIP 375
12-20		12	1.0	500#		5 MIN 260
12-20	(5)	20	1.5	500#		10 MIN 225
12-20	(5)	6-7	1.5	500#		15 MIN 200
12-20	(25)	20	2.0	500#		MIN RATE
FLUSH CASING	20	20				MAX RATE
Release balls to T.I.D.			TOTAL	5,000#		DISPLACEMENT 19.6
OVERFLUSH	10	20	SAND			
TOTAL CBLS	159					

REMARKS: \* hold safety-procedure meeting before frac  
No further  
Spotted 50 gal. 45% HCL acid on perfs  
\* NOTE (5) balls every 5 sx after 2500# sand

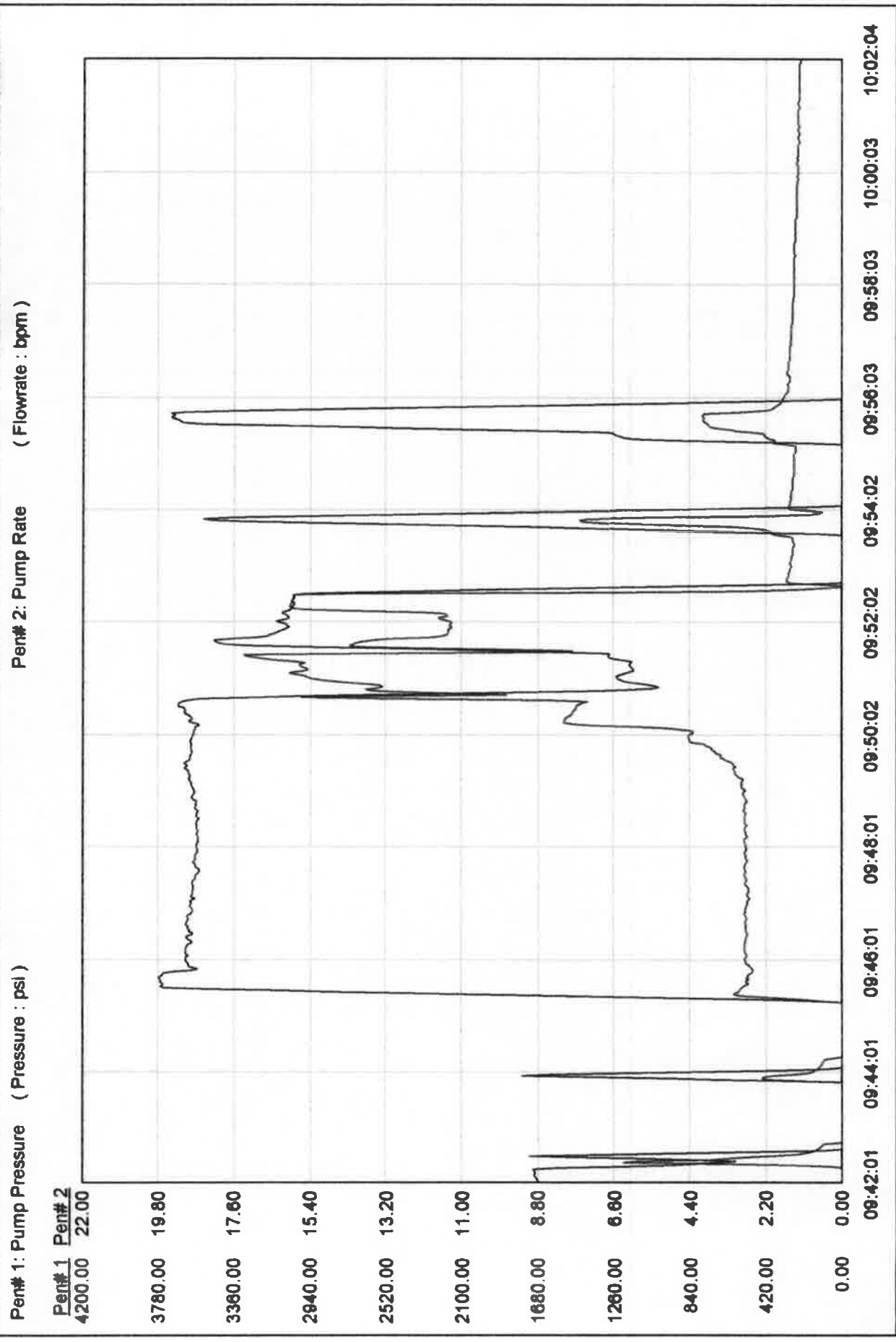
Location 9:20 AM - 10:20 AM 50 miles

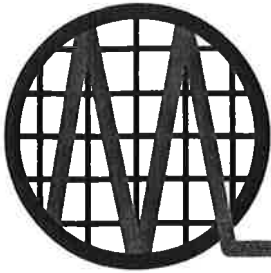
AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 7-15-15

Terms and Conditions are printed on reverse side.



SERVICE COMPANY: C.O.W.S.  
 TICKET NO: 60902  
 CUSTOMER NAME: COLT ENERGY INC.  
 WELL NAME: ALLEN 12-1  
 WELL LOCATION: WO. CO.  
 DATE RECORDED: 07/15/2015  
 JOB NO: BARTLESVILLE  
 UNIT DESCRIPTION: ACIDSPOT + FRAC  
 UNIT NOTES: COLTENERGYINC\_15\_07\_15\_#1.csv  
 FILE NAME:





# 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. 15-207-29224

**Lease/Field:** ALLEN LEASE

**Well:** # 12-i

**County, State:** WOODSON COUNTY, KANSAS

**Service Order #:** 33795

**Purchase Order #:** N/A

**Date:** 6/30/2015

**Perforated @:** 1252.0 TO 1263.0 Bartlesville

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

**Number of Jets, Guns or Charges:** FORTY SIX (46) PERFORATIONS

**Casing Size:** 4 1/2"