



KANSAS CORPORATION COMMISSION 1110586  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34471  
Name: Legend Oil & Gas Ltd.  
Address 1: 1218 3rd Ave, STE 505  
Address 2: \_\_\_\_\_  
City: SEATTLE State: WA Zip: 98101 + \_\_\_\_\_  
Contact Person: John Riad  
Phone: ( 403 ) 263-2472  
CONTRACTOR: License # 33986  
Name: Owens Petroleum Services, LLC  
Wellsite Geologist: None  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 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 ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>8/23/2012</u>	<u>08/27/2012</u>	<u>9/13/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-207-28176-00-00  
Spot Description: \_\_\_\_\_  
NW SW SE SW Sec. 22 Twp. 25 S. R. 17  East  West  
495 Feet from  North /  South Line of Section  
1485 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Woodson  
Lease Name: Cress Well #: 3  
Field Name: \_\_\_\_\_  
Producing Formation: Squirrel Sand  
Elevation: Ground: 996 Kelly Bushing: 1006  
Total Depth: 835 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 40 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: 835 w/ 126 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 20 bbls  
Dewatering method used: Evaporated  
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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 01/28/2013



1110586

Operator Name: Legend Oil & Gas Ltd. Lease Name: Cress Well #: 3  
 Sec. 22 Twp. 25 S. R. 17  East  West County: Woodson

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Gamma Ray/Neutron/CCL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Squirrel Sand</td> <td>734</td> <td></td> </tr> </table>	Name	Top	Datum	Squirrel Sand	734	
Name	Top	Datum					
Squirrel Sand	734						

CASING RECORD <input checked="" 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
Surface Casing	11.625	7	25	40	Portland	20	None
Production Casing	5.625	2.785	10.5	818	OWC	126	2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	764-772	15% HCL, 300# 16/30 sand & 3700# of 12/20 sand	764-772

TUBING RECORD: Size: <u>1</u> Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>9/18/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbbs. <u>1</u>	Gas Mcf	Water Bbbs. <u>0.5</u>
		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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>764</u> <u>772</u>
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**OWENS PETROLEUM SERVICES, LLC  
DRILLER'S LOG**

Operator: Legend Oil & Gas

Lease / Well #: Cress #3

API #: 15-207-28176-0000 22-25-17 WOCO

*Beck 8-23-12*

	Date		Date		Date		Date
Spud/Surface	8-23-12	Drilled to TD	8-27-12	Logged		1"/rods, pump	
Set Surface	8-23-12	Run Casing	8-27-12	Perforated		Lead Line/Elec	
Spud/Casing	8-24-12	Cemented LS	8-29-12	Frac/Acidized		Closed Pit	

Purpose	Size Drilled	Size Pipe	Weight #/ft	Setting Depth	Cement	# Sacks	Additives
Surface:	11 3/8	7"	new	40	monocr	20	
Casing:	5 3/8	2 1/2"	used	818			
Frac:							

Driller's TD:	835 ft	Seat Nipple:	758 ft	Pipe TD:	818 ft	Fluid Volume:	bbts
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Surface Bit and Subs: 3.70'  
 Kelly: Top of Groove to Square: 22.60'  
 Footage Above Ground Level: \_\_\_\_\_ Total

FOOTAGE:                      FORMATION:

Bit and Sub	FOOTAGE	FORMATION
Bit and Sub	8-29.1	pit taking water badly - had Kelly bring up 20
1st Collar	19.9	Brigs and Bentonite (Kedex will add this to cementing 6/11)
2nd Collar	8-24-120.0	41.8 mixed Bentonite in pit
Joins 20.7'	62.5	S
	83.2	L-84
	103.9	-110-2114
	124.6	L
	145.3	L
	166.0	L
	186.7	L-184
	207.4	L 214
	228.1	L 215
	248.8	L
	269.5	L
	290.2	L
	310.9	L
	331.6	L
	352.3	L
	373.0	L-390
	393.7	S
	414.4	S
	435.1	S
	455.8	S
	476.5	S
	497.2	L509-512
	517.9	S
	538.6	L552-554

	FOOTAGE:	FORMATION:	
25	559.3	L566-561 L570-570	
26	580.0	S	oil show 594? good show odor
27	600.7	L665-660 <del>L663</del>	looks like upper squirrel
28	621.4	L659-	
29	642.1	-644 L648-	
30	662.8	<del>L670</del> L675-671	
31	683.5	S	
32	704.2	L703-718	
33	724.9	L729-732 samples	732-734 shale
34	745.6	L722 samples	734-736 shale
35	766.3	S	736-738 sand & shale odor slight sh
36	787.0	S	738-740 sand & shale better odor
37	807.7	S	740-743 good sand good show
38	828.4	S	743-745 good sand good show
39	849.1		745-747 sand & shale good show
40	869.8		747-749 mostly shale slight show
41	890.5		749-751 all sandy shale
42	911.2		
43	931.9		
44	952.6		
45	973.3		763-764 little bit of sand slight odor
46	994.0		764-766 good sand - show
47	1014.7	SIN 758	766-768 mostly sand show
48	1035.4		768-770 mostly sand - show
49	1056.1		770-772 some sand - mostly shale
50	1076.8		772-774 shale
51	1097.5		
52	1118.2		
53	1138.9		
54	1159.6		
55	1180.3		
56	1201.0		
57	1221.7		
58	1242.4		
59	1263.1		
60	1283.8		
61	1304.5		
62	1325.2		
63	1345.9		
64	1366.6		
65	1387.3		
66	1408.0		
67	1428.7		
68	1449.4		
69	1470.1		

**Owens Petroleum Services, LLC**  
 Scott and Jody Owens  
 1274 202nd Rd  
 Yates Center, KS 66783

(620) 625-3607

# Invoice

<b>Bill To:</b>
Legend Oil & Gas Ltd. 1420 5th Avenue, Suite 2200 Seattle, WA 98101

LEASE	WELL #	DATE	INVOICE#
Cress	3	8/27/2012	082712,Cr3

DETAIL	HRS/GALS/QTY	RATE	AMOUNT
*DOZER Dug drill pit		300.00	300.00
*TANK TRUCK Hauled 6 loads of water to pits		300.00	300.00
*SET SURFACE AND CEMENT 20 bags of Portland cement		500.00	500.00
*DRILLING RIG Rig TD - 835' Pipe TD - 818' S/N - 758'	835.0	7.00	5,845.00
<b>Total:</b>			<b>\$6,945.00</b>

**Kepley Well Service, LLC**

19245 Ford Road  
Chanute, KS 66720

Date	Invoice #
9/6/2012	47089

**Cement Treatment Report**

Legend Oil & Gas Ltd.  
Suite 230, 840 6th Avenue SW  
Calgary Alberta CANADA T2P 3E5

(x) Landed Plug on Bottom at 900 PSI  
 () Shut in Pressure  
 (x) Good Cement Returns  
 () Topped off well with \_\_\_\_\_ sacks  
 (x) Set float shoe

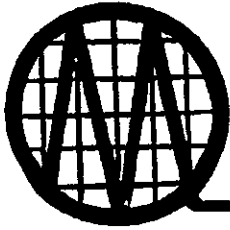
TYPE OF TREATMENT: Production Casing  
 HOLE SIZE: 5 7/8"  
 TOTAL DEPTH: 835

Well Name	Terms	Due Date		
	Net 15 days	9/6/2012		
Service or Product	Qty	Per Foot Pricing/Unit Pricing	Amount	
Cement 2 7/8"	818	3.00	2,454.00	
Sales Tax		7.30%	0.00	

8-29-12  
Cress #3  
Woodson County  
Section: 22  
Township: 25  
Range: 17

Hooked onto 2 7/8" casing. Established circulation with 4 barrels of water, 2 GEL, METSO, COTTONSEED ahead, blended 126 sacks of 2% cement, dropped rubber plug. and pumped 5 barrels of water

Total	\$2,454.00
Payments/Credits	\$0.00
Balance Due	\$2,454.00



**MIDWEST SURVEYS**

LOGGING • PERFORATING • CONSULTING • M.I.T. SERVICES  
 P. O. Box 68 • Osawatomie, KS 66064  
 Phone 913-755-2128

**Invoice**

Date	Invoice #
9/10/2012	27337

<b>Bill To</b>
LEGENDS OIL & GAS, LTD 1420 5TH AVE, STE. 2200 SEATTLE, WA 98101

<b>Ship To</b>
CRESS # 3 WOODSON CO, KS

Customer Order No.	Terms
JERRY SCHEIBMER	JERRY SCH...

Qty	Description	Amount
25	2" DML RTG 120° PHASE THREE (3) PERFORATIONS PER FOOT MINIMUM CHARGE --- TEN (10) PERFORATIONS FIFTEEN (15) ADDITIONAL PERFORATIONS @ \$ 21.00 EA	760.00 315.00
	PERFORATED AT: 764.0 TO 772.0	
<b>Net Due Upon Receipt</b>		<b>Total</b>
Late Charge of 1 - 1/2 % per Month on Accounts over 30 Days		\$1,075.00







**MIDWEST SURVEYS**  
LOGGING - PERFORATING - CONSULTING - M.I.T. SERVICES  
P. O. Box 66 • Osawatomie, KS 66064  
Phone 913-755-2128

# Invoice

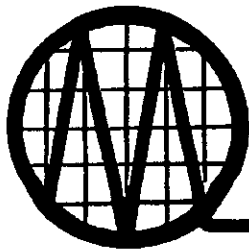
Date	Invoice #
9/6/2012	27314

<b>Bill To</b>
LEGENDS OIL & GAS, LTD 1420 5TH AVE, STE. 2200 SEATTLE, WA 98101

<b>Ship To</b>
CRESS WOODSON CO, KS

Customer Order No.	Terms
JERRY SCEIBMEIR	JERRY SCEI...

Qty	Description	Amount
2	GAMMA RAY / NEUTRON / CCL  WELLS LOGGED  CRESS NO-3, NO-4	1,150.00
<b>Net Due Upon Receipt</b>		<b>Total</b>
Late Charge of 1 - 1/2 % per Month on Accounts over 30 Days		\$1,150.00



Service Order and Delivery Receipt

OUR NO.

**MIDWEST SURVEYS**  
LOGGING • PERFORATING • M.I.T. SERVICES

27314

P. O. Box 68  
Osawatomie, KS 66064  
913/755-2128

Date 9/06/2012

**TERMS AND CONDITIONS:** Midwest Surveys is hereby instructed to deliver the equipment or perform the services ordered hereon or as verbally directed, under the terms and conditions printed on the reverse side of this order, which I have read and understand and which I accept as Customer or as Customer's Authorized Agent.

Service and/or Equipment Ordered Gamma Ray Neutron Tool

**SIGN BEFORE COMMENCEMENT OF WORK**

Customer's Name Legend Oil & Gas Ltd. By \_\_\_\_\_  
Customer's Authorized Representative

Charge to Legend Oil & Gas Ltd. Customer's Order No. Jerry Schindler

Mailing Address \_\_\_\_\_

Well or Job Name and Number Cross County Woodson State Kansas

QUANTITY	DESCRIPTION OF SERVICE OR MATERIAL	PRICE
<u>2 ea</u>	<u>Gamma Ray Neutron Tool</u>	<u>\$ 1150.00</u>
	<u>Wells Logged</u>	
	<u>Cross No-3, No-4</u>	

Total \$ 1150.00

The above described service and/or material has been received and are hereby accepted and approved for payment.

Served by: S. Windisch

Customer's Name Legend Oil & Gas Ltd. Date 9/06/12  
By \_\_\_\_\_  
Customer's Authorized Representative

White -- Customer      Canary -- Accounting



**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 53995  
FIELD TICKET REF # 47807  
LOCATION Thayer  
FOREMAN Gary White

4 1/2" well

**TREATMENT REPORT  
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-13-12	4759	Cross # 3	22	25	17	WO

CUSTOMER  
Legend Oil & Gas

MAILING ADDRESS

CITY STATE ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
524	Trumps		
458	Tam		
521	Daniel		
609/191	George		

**WELL DATA**

CASING SIZE <u>2"</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>764-72</u>	<u>(25)</u>

**TYPE OF TREATMENT**

Acid Spill/Fracture

**CHEMICALS**

<u>Cost. Water</u>	<u>25 15% HCl Acid</u>
<u>20" Gel/Breaker</u>	<u>Tril. b. l.</u>
<u>Bromide</u>	<u>Stim Oil</u>

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>pad</u>	<u>15</u>	<u>-16</u>				BREAKDOWN <u>1600</u>
<u>16/30</u>				<u>300</u>		START PRESSURE
<u>12/20</u>				<u>1700</u>		END PRESSURE
<u>clear 5 balls</u>						BALL OFF PRESS
<u>12/20 5+5 balls</u>				<u>1000</u>		ROCK SALT PRESS
<u>12/20</u>				<u>1000</u>		ISIP <u>4/15</u>
<u>Flush + Over</u>	<u>10</u>					5 MIN
<u>Release</u>						10 MIN
<u>Over flow</u>	<u>5</u>					15 MIN
						MIN RATE
						MAX RATE
<u>Totals</u>	<u>125</u>			<u>4000</u>		DISPLACEMENT

REMARKS: 2700 acid to perforation breakdown and stage

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Terms and Conditions are printed on reverse side.



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER **47807**

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

LOCATION Thayer

**FIELD TICKET**

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-13-12	4759	Cross # 3+4		22	25	17	W00	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5112C	1	PUMP CHARGE 10000ft Combs 3" well		2070-
5112C	1	4" well		1725-
5302	2	Acid Speller		750-
1275	150	15% HCl Acid		315-
1202	.5	Acid Inhibitor		25-
1211B	1	Stim Oil		65-
		Surfactant Water		
1131	200	Surfactant		1800-
1205	.5	Breaker		100-
21205A	6	Breaker		180
5604	2	Face Valves		700-
5115	2	Ball Separator		NO Charge
4326	35	Ball Sealers		105-
		BLENDING & HANDLING		
5109	43	TON-MILES Tank Delivery		NA
		STAND BY TIME		
5109	43	MILEAGE (Hub Location 2 P.)		NA
5101F	64	WATER TRANSPORTS reduced	448	<del>672</del>
		VACUUM TRUCKS		
2104	600	FRAC SAND 16/30		150-
2102	7400	12/20		1998-
		SALES TAX		7.67
		ESTIMATED TOTAL		9958.67

Ravin 2790

CUSTOMER or AGENTS SIGNATURE [Signature] COWS FOREMAN Gary Wilk  
 CUSTOMER or AGENT (PLEASE PRINT) 252926 DATE 9-13-12

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.



**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 53994  
FIELD TICKET REF # 47807  
LOCATION Haystack  
FOREMAN Raymond

**TREATMENT REPORT  
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9/15/12	4759	Cross #4	22	25	17	WC

**CUSTOMER**  
Loren Oil & Gas

**MAILING ADDRESS**

**CITY** \_\_\_\_\_ **STATE** \_\_\_\_\_ **ZIP CODE** \_\_\_\_\_

TRUCK #	DRIVER	TRUCK #	DRIVER
1211	Trump		
458	Tim		
531	Harrel		
60/1113	Shawn		

**WELL DATA**

CASING SIZE 2 1/2	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
783-93 (31)	

**TYPE OF TREATMENT**

Acid Spill/Production

**CHEMICALS**

Cast water	25% HCl Acid
20% Gel Permeator	Fishkiller
Bromide	StimOil

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
Field	55	-12.3			1000	BREAKDOWN 1600
11/30				300		START PRESSURE
12/10				1700	-1100	END PRESSURE
step > 10 balls (20)					-1100	BALL OFF PRESS
12/20 515 balls				1000	1300	ROCK SALT PRESS
12/20				1000	1000	ISIP 400
Flush w/c	10				1400	5 MIN
Release						10 MIN
Overlith	5				1000	15 MIN
						MIN RATE
						MAX RATE
	130			4000		DISPLACEMENT

REMARKS: Spot analysis performed on production and stage

No Chart

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Terms and Conditions are printed on reverse side.



**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 53995  
FIELD TICKET REF # 47807  
LOCATION Thayer  
FOREMAN Greg Winters

4 1/2" well

**TREATMENT REPORT**  
**FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9.13-12	11759	Cross # 3	22	25	17	WYO

CUSTOMER  
Legend Oil + Gas

MAILING ADDRESS

CITY STATE ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
524	Tramps		
458	Travis		
521	Daniel		
611/191	George		

**WELL DATA**

CASING SIZE <u>2"</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>764-72</u>	<u>Q5</u>

**TYPE OF TREATMENT**

Acid / Gel / Frac

**CHEMICALS**

<u>20# Gel / Frac</u>	<u>25 1/2 HLB A.O.</u>
<u>Brande</u>	<u>Inhibitor</u>
	<u>Stimul</u>

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>pad</u>	<u>15</u>	<u>-16</u>				BREAKDOWN <u>1600</u>
<u>16/30</u>				<u>700</u>		START PRESSURE
<u>16/20</u>				<u>1100</u>		END PRESSURE
<u>16/10</u>						BALL OFF PRESS
<u>12/10 5+5 balls</u>				<u>1000</u>		ROCK SALT PRESS
<u>12/10</u>				<u>1000</u>		ISIP <u>415</u>
<u>Flush + Ann</u>	<u>10</u>					5 MIN
<u>Release</u>						10 MIN
<u>Overflow</u>	<u>5</u>					15 MIN
						MIN RATE
						MAX RATE
<u>Totals</u>	<u>125</u>			<u>4000</u>		DISPLACEMENT

REMARKS:

pad and 16/30 - breakdown and stage

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Terms and Conditions are printed on reverse side.

SERVICE COMPANY: C.O.W.S.  
TICKET NO: 53995  
CUSTOMER NAME: Legend Oil and Gas  
WELL NAME: Cress #3  
WELL LOCATION:

DATE RECORDED: 09/13/2012  
JOB NO:  
UNIT DESCRIPTION:  
UNIT NOTES:  
FILE NAME: LegendOilandGas\_12\_09\_13\_#3.csv

