



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1157239  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

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       SIOW
- 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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

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
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1157239

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
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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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Abercrombie Energy, LLC
Well Name	WEAVER 1-23
Doc ID	1157239

All Electric Logs Run

Dual Induction
Microresistivity
Dual Compensated Porosity
Computer Processed
Borehole Compensated Sonic

Form	ACO1 - Well Completion
Operator	Abercrombie Energy, LLC
Well Name	WEAVER 1-23
Doc ID	1157239

Tops

Name	Top	Datum
Anhy	1894	+740
B/Anhy	1934	+700
Heeb Sh	3941	-1307
Lans	3982	-1348
Stark Sh	4245	-1611
BKC	4317	-1683
Marm	4358	-1724
Paw	4445	-1811
Ft Scott	4500	-1866
Cher Sh	4522	-1888
Miss Dolo	4592	-1958



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Abercrombie Energy, LLC

**23 19s 26w Ness, Ks**

10209 W. Central, STE 2  
Wichita, Ks 67212

**Weaver 1-23**

Job Ticket: 54986

**DST#: 1**

ATTN: Mark Galyon

Test Start: 2013.08.26 @ 18:54:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:28:00

Time Test Ended: 02:39:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

**Interval: 4540.00 ft (KB) To 4594.00 ft (KB) (TVD)**

Reference Elevations: 2634.00 ft (KB)

Total Depth: 4594.00 ft (KB) (TVD)

2624.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8677 Inside**

Press @ Run Depth: 48.35 psig @ 4541.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.26

End Date:

2013.08.27

Last Calib.:

2013.08.27

Start Time: 18:54:05

End Time:

02:39:14

Time On Btm:

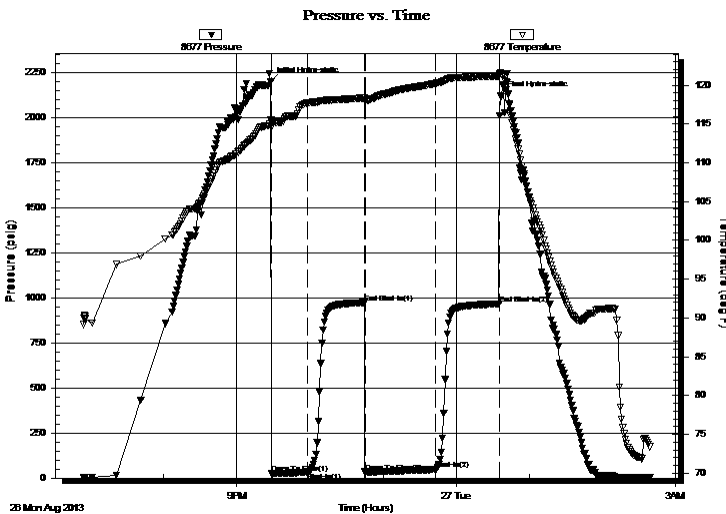
2013.08.26 @ 21:27:45

Time Off Btm:

2013.08.27 @ 00:36:15

TEST COMMENT: IF: 2" blow.  
IS: No return.  
FF: 2 1/2" blow.  
FS: No return.

## PRESSURE SUMMARY



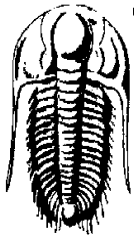
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.05	115.52	Initial Hydro-static
1	23.83	114.60	Open To Flow (1)
30	30.68	117.67	Shut-In(1)
77	973.41	118.35	End Shut-In(1)
78	32.64	118.09	Open To Flow (2)
136	48.35	120.24	Shut-In(2)
188	966.38	121.16	End Shut-In(2)
189	2121.46	121.64	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	ocm 15o 85m	0.70
20.00	smco 5m 95o	0.28

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Abercrombie Energy, LLC

**23 19s 26w Ness, Ks**

10209 W. Central, STE 2  
Wichita, Ks 67212

**Weaver 1-23**

Job Ticket: 54986

**DST#: 1**

ATTN: Mark Galyon

Test Start: 2013.08.26 @ 18:54:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	ocm 15o 85m	0.701
20.00	smco 5m 95o	0.281

Total Length: 70.00 ft      Total Volume: 0.982 bbl

Num Fluid Samples: 0

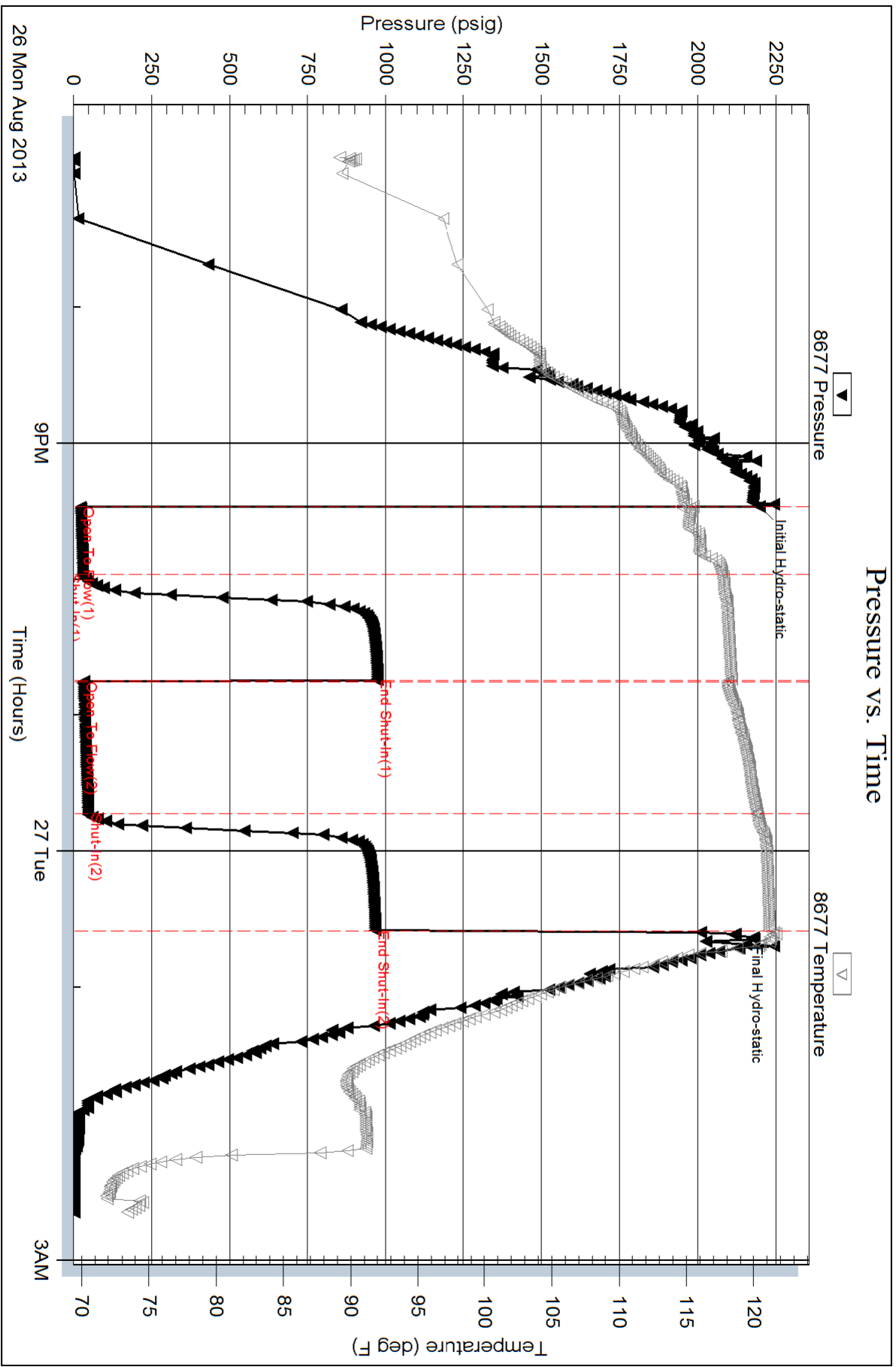
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Abercrombie Energy, LLC

**23 19s 26w Ness, Ks**

10209 W. Central, STE 2  
Wichita, Ks 67212

**Weaver 1-23**

Job Ticket: 54987

**DST#: 2**

ATTN: Mark Galyon

Test Start: 2013.08.27 @ 09:27:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:32:15

Time Test Ended: 17:06:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

**Interval: 4541.00 ft (KB) To 4599.00 ft (KB) (TVD)**

Reference Elevations: 2634.00 ft (KB)

Total Depth: 4599.00 ft (KB) (TVD)

2624.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8677**

**Inside**

Press @ Run Depth: 106.82 psig @ 4542.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.27

End Date:

2013.08.27

Last Calib.:

2013.08.27

Start Time: 09:27:05

End Time:

17:06:29

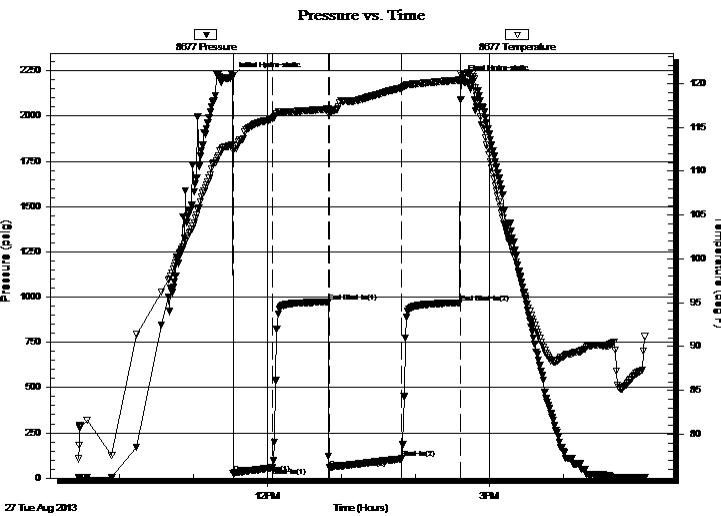
Time On Btm:

2013.08.27 @ 11:32:00

Time Off Btm:

2013.08.27 @ 14:37:30

**TEST COMMENT:** IF: 7" blow.  
IS: No return.  
FF: BOB @ 30 min.  
FS: Surface return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2220.08	113.04	Initial Hydro-static
1	26.70	112.33	Open To Flow (1)
32	57.12	115.96	Shut-In(1)
78	973.17	117.07	End Shut-In(1)
79	56.87	116.78	Open To Flow (2)
137	106.82	119.45	Shut-In(2)
184	966.95	120.37	End Shut-In(2)
186	2199.55	120.86	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
160.00	gmco 15g 30m 55o	2.24
50.00	gsmco 10g 3m 87o	0.70
0.00	530 GIP	0.00

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Abercrombie Energy, LLC

**23 19s 26w Ness, Ks**

10209 W. Central, STE 2  
Wichita, Ks 67212

**Weaver 1-23**

Job Ticket: 54987

**DST#: 2**

ATTN: Mark Galyon

Test Start: 2013.08.27 @ 09:27:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
160.00	gmco 15g 30m 55o	2.244
50.00	gsmco 10g 3m 87o	0.701
0.00	530 GIP	0.000

Total Length: 210.00 ft      Total Volume: 2.945 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

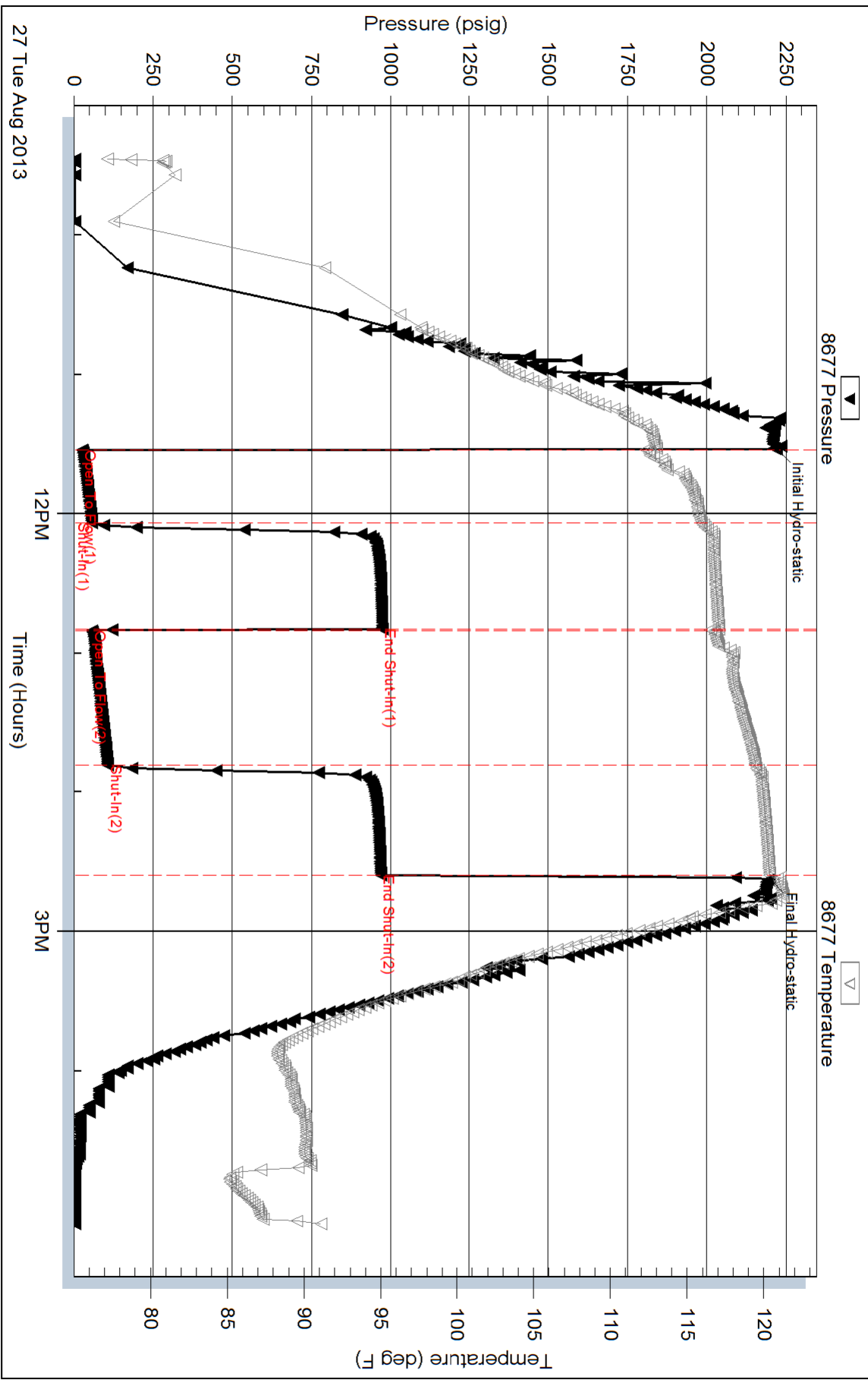
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 04, 2013

Gary Misak  
Abercrombie Energy, LLC  
10209 W. CENTRAL, STE 2  
WICHITA, KS 67212

Re: ACO1  
API 15-135-25649-00-00  
WEAVER 1-23  
NE/4 Sec.23-19S-26W  
Ness County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Gary Misak

# ALLIED

OIL & GAS SERVICES, LLC

PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 138141  
Invoice Date: Aug 20, 2013  
Page: 1

SEP 10 2013



Now Includes:



**Bill To:**  
Abercrombie Energy, LLC  
5510 Oil Center RD South  
Great Bend, KS 67530

Customer ID	Field Ticket #	Payment Terms	
Aber	60571	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Aug 20, 2013	9/19/13

Quantity	Item	Description	Unit Price	Amount
165.00	CEMENT MATERIALS	Weaver #1-23		
		Class A Common	17.90	2,953.50
3.00	CEMENT MATERIALS	Gel	23.40	70.20
5.00	CEMENT MATERIALS	Chloride	64.00	320.00
178.24	CEMENT SERVICE	Cubic Feet	2.48	442.03
203.25	CEMENT SERVICE	Ton Mileage	2.60	528.45
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
1.00	CEMENT SUPERVISOR	Dustin Chambers		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		
1.00	OPERATOR ASSISTANT	Kevin Weighous		

1352062  
WEAVER #1-23  
CEMENT SURFACE CSG  
APPROVAL *[Signature]*  
VERIFIED ACCURACY

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1,225.18

ONLY IF PAID ON OR BEFORE  
Sep 14, 2013

Subtotal	6,128.93
Sales Tax	205.64
Total Invoice Amount	6,334.57
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,334.57</b>

# ALLIED OIL & GAS SERVICES, LLC 060571

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Great Bend, KS

DATE <u>5-22-13</u>	SEC. <u>23</u>	TWP. <u>19S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30</u>	JOB FINISH <u>12:30</u>
LEASE <u>Wc over</u>		WELL # <u>1-23</u>		LOCATION <u>Becker 5S 1 1/2 E 1N 1/2 E</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>Shto</u>			

CONTRACTOR Kal Energy #7 OWNER \_\_\_\_\_

TYPE OF JOB 5 1/2" Case

HOLE SIZE 12 1/4 T.D. \_\_\_\_\_ CEMENT AMOUNT ORDERED 165 sks Class A

CASING SIZE 4 1/2 DEPTH 264 3" CC 2 1/2 gal

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 1 1/2 DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15 ct

PERFS. \_\_\_\_\_

DISPLACEMENT 15.8 bbls Freshwater

**EQUIPMENT**

PUMP TRUCK # 398 CEMENTER Dustin Chambers

HELPER Mike Scarborough

BULK TRUCK # 610-241 DRIVER Kevin Weir Louis

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Break circulation with rig wind  
pump 5 bbls Freshwater  
with 165 sks cement  
Displace 15.8 bbls Freshwater / 19 sks in  
center and circulation  
plug down 12'00 ft  
Bring Down

CHARGE TO: Abercrombie Energy

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X James Shultz

SIGNATURE X [Signature]  
Thank You!!

COMMON	<u>165</u>	@ <u>17.90</u>	<u>2,953.50</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>5</u>	@ <u>64.00</u>	<u>320.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>178.24</u>	@ <u>2.48</u>	<u>442.03</u>
MILEAGE	<u>8.13 x 25 x</u>	<u>2.60</u>	<u>528.75</u>
TOTAL			<u>4,314.78</u>

**SERVICE**

DEPTH OF JOB			
PUMP TRUCK CHARGE	<u>1512.25</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>Hum 25</u>	@ <u>7.70</u>	<u>192.50</u>
MANIFOLD		@	
	<u>Hum 25</u>	@ <u>4.40</u>	<u>110.00</u>
		@	

TOTAL 1,814.75

**PLUG & FLOAT EQUIPMENT**

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 6,128.93

DISCOUNT 1,225.78 IF PAID IN 30 DAYS

4,903.14

# ALLIED

OIL & GAS SERVICES, LLC

PO Box 93999  
Southlake, TX 76092

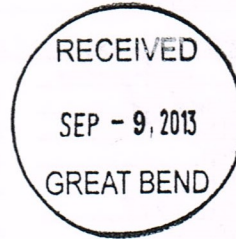
Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 138320  
Invoice Date: Aug 28, 2013  
Page: 1

**Bill To:**

Abercrombie Energy, LLC  
5510 Oil Center RD South  
Great Bend, KS 67530



Now Includes:



COPY

Customer ID	Field Ticket #	Payment Terms	
Aber	61802	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Great Bend	Aug 28, 2013	9/27/13

Quantity	Item	Description	Unit Price	Amount
240.00	CEMENT MATERIALS	Weaver #1-23 Class A Common	17.90	4,296.00
160.00	CEMENT MATERIALS	Pozmix	9.35	1,496.00
28.00	CEMENT MATERIALS	Gel	23.40	655.20
100.00	CEMENT MATERIALS	Flo Seal	2.97	297.00
452.52	CEMENT SERVICE	Cubic Feet	2.48	1,122.24
465.65	CEMENT SERVICE	Ton Mileage	2.60	1,210.69
1.00	CEMENT SERVICE	Production: -- Top Stage	2,249.84	2,249.84
1.00	CEMENT SUPERVISOR	Tim Dickson		
1.00	CEMENT SUPERVISOR	Dustin Chambers		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	EQUIPMENT OPERATOR	Kevin Weighous		
1.00	EQUIPMENT OPERATOR	Daniel Casper		
		VENDOR NUMBER	_____	
		VOUCHER NUMBER	_____	
		DATE OF RECEIPT	_____	
		JOB NUMBER	_____	
		AMOUNT	_____	
		1352062	_____	
		WEAVER #1-23	_____	
		CEMENT 5 1/2 CSG TOP STAGE	_____	
		APPROVAL	_____	
		VERIFIED ACCURACY	_____	

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,265.39

ONLY IF PAID ON OR BEFORE  
Sep 22, 2013

Subtotal	11,326.97
Sales Tax	414.77
Total Invoice Amount	11,741.74
Payment/Credit Applied	
<b>TOTAL</b>	<b>11,741.74</b>

# ALLIED OIL & GAS SERVICES, LLC 061802

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Great Bend, KS

DATE <u>8-25-13</u>	SEC. <u>23</u>	TWP. <u>19S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 pm</u>	JOB FINISH <u>9:00 pm</u>
LEASE <u>Weaver</u>		WELL # <u>1-23</u>		LOCATION <u>Beeler 5S 1/2 E 1N 1/2 E</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				SINTO			

CONTRACTOR Val Energy #7 top stage  
 TYPE OF JOB production  
 HOLE SIZE 7 7/8" T.D. 4162  
 CASING SIZE 5 1/2" DEPTH 4597  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL PV tool DEPTH 1913  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 45.53 water

OWNER \_\_\_\_\_  
 CEMENT  
 AMOUNT ORDERED 400 SKS 60% class A  
40% po2 8.4 gel 5# Kal-seal 4.4 Plo

EQUIPMENT  
Tim Dickson  
 PUMP TRUCK CEMENTER Dustin Chambers  
 # 597 HELPER Kevin Eddy  
 BULK TRUCK  
 # 603 DRIVER Kevin Wetzel  
 BULK TRUCK  
 # 544-198 DRIVER Pan Casper

COMMON	<u>240</u>	@	<u>17.90</u>	<u>4,296.00</u>
POZMIX	<u>160</u>	@	<u>9.35</u>	<u>1,496.00</u>
GEL	<u>28</u>	@	<u>23.40</u>	<u>655.20</u>
CHLORIDE		@		
ASC		@		
	<u>\$100000</u>	@	<u>2.97</u>	<u>297.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>452.52</u>	@	<u>2.48</u>	<u>1122.34</u>
MILEAGE	<u>18.62 x 25.4</u>	@	<u>2.60</u>	<u>1,216.69</u>
TOTAL				<u>9,077.13</u>

**REMARKS:**

circulate for 2 hr  
mix 400 sks 60/40 8.4 gel  
shut down wash lines Prop plug  
Displace 45.53 bbls water  
land plug pressure - 1700 #  
plug down - 7:30 pm  
Big down  
Cement did circulate approx. 44 bbls to pit

CHARGE TO: Abercrombie Energy  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>1913.00</u>	
PUMP TRUCK CHARGE	<u>2249.84</u>	
EXTRA FOOTAGE	@	
MILEAGE	@	
MANIFOLD	@	
	@	
	@	

TOTAL 2249.84

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Jason Schuler

SIGNATURE X Jason Schuler

Thank You!!

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 11,354.36  
2,270.85  
 DISCOUNT \_\_\_\_\_ - IF PAID IN 30 DAYS  
9,083.40

# ALLIED

OIL & GAS SERVICES, LLC

PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

COPY

# INVOICE

Invoice Number: 138319  
Invoice Date: Aug 28, 2013  
Page: 1



**Bill To:**  
Abercrombie Energy, LLC  
5510 Oil Center RD South  
Great Bend, KS 67530

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Aber	61801	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Great Bend	Aug 28, 2013	9/27/13

Quantity	Item	Description	Unit Price	Amount
		Weaver #1-23		
30.00	CEMENT MATERIALS	Class A Common	17.90	537.00
20.00	CEMENT MATERIALS	Pozmix	9.35	187.00
2.00	CEMENT MATERIALS	Gel	23.40	46.80
150.00	CEMENT MATERIALS	ASC	20.90	3,135.00
750.00	CEMENT MATERIALS	Gilsonite	0.98	735.00
21.00	CEMENT MATERIALS	Defoamer	9.80	205.80
500.00	CEMENT MATERIALS	DV 1100	1.27	635.00
245.22	CEMENT SERVICE	Cubic Feet	2.48	608.14
265.62	CEMENT SERVICE	Ton Mileage	2.60	690.62
1.00	CEMENT SERVICE	Production -- Bottom Stage	2,765.75	2,765.75
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
1.00	EQUIPMENT SALES	5-1/2 Triplex Shoe	1,026.20	1,026.20
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.26	5,335.26
3.00	EQUIPMENT SALES	5-1/2 Basket	394.29	1,182.87
9.00	EQUIPMENT SALES	5-1/2 Centralizer	57.33	515.97
1.00	EQUIPMENT SALES	5-1/2 Latch Down Plug	324.09	324.09
1.00	CEMENT SUPERVISOR	Tim Dickson		
1.00	CEMENT SUPERVISOR	Dustin Chambers		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 3,646.60

ONLY IF PAID ON OR BEFORE  
Sep 22, 2013

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
<b>TOTAL</b>	<b>Continued</b>



# ALLIED

OIL & GAS SERVICES, LLC

PO Box 93999  
Southlake, TX 76092

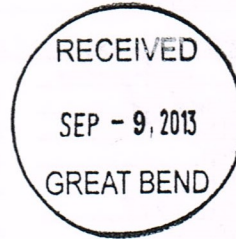
Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 138320  
Invoice Date: Aug 28, 2013  
Page: 1

**Bill To:**

Abercrombie Energy, LLC  
5510 Oil Center RD South  
Great Bend, KS 67530



Now Includes:



COPY

Customer ID	Field Ticket #	Payment Terms	
Aber	61802	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Great Bend	Aug 28, 2013	9/27/13

Quantity	Item	Description	Unit Price	Amount
240.00	CEMENT MATERIALS	Weaver #1-23 Class A Common	17.90	4,296.00
160.00	CEMENT MATERIALS	Pozmix	9.35	1,496.00
28.00	CEMENT MATERIALS	Gel	23.40	655.20
100.00	CEMENT MATERIALS	Flo Seal	2.97	297.00
452.52	CEMENT SERVICE	Cubic Feet	2.48	1,122.24
465.65	CEMENT SERVICE	Ton Mileage	2.60	1,210.69
1.00	CEMENT SERVICE	Production: -- Top Stage	2,249.84	2,249.84
1.00	CEMENT SUPERVISOR	Tim Dickson		
1.00	CEMENT SUPERVISOR	Dustin Chambers		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	EQUIPMENT OPERATOR	Kevin Weighous		
1.00	EQUIPMENT OPERATOR	Daniel Casper		
		VENDOR NUMBER	_____	
		VOUCHER NUMBER	_____	
		DATE OF RECEIPT	_____	
		JOB NUMBER	_____	
		AMOUNT	_____	
		1352062	_____	
		WEAVER #1-23	_____	
		CEMENT 5 1/2 CSG TOP STAGE	_____	
		APPROVAL	_____	
		VERIFIED ACCURACY	_____	

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,265.39

ONLY IF PAID ON OR BEFORE  
Sep 22, 2013

Subtotal	11,326.97
Sales Tax	414.77
Total Invoice Amount	11,741.74
Payment/Credit Applied	
<b>TOTAL</b>	<b>11,741.74</b>

# ALLIED OIL & GAS SERVICES, LLC 061802

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Great Bend, KS

DATE <u>8-25-13</u>	SEC. <u>23</u>	TWP. <u>19S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 pm</u>	JOB FINISH <u>9:00 pm</u>
LEASE <u>Weaver</u>	WELL # <u>1-23</u>	LOCATION <u>Beeler 5S 1/2 E 1N 1/2 E</u>	COUNTY <u>Ness</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>			<u>SINTO</u>				

CONTRACTOR Val Energy #7 top stage

OWNER \_\_\_\_\_

TYPE OF JOB production

HOLE SIZE 7 7/8" T.D. 4162

CEMENT

CASING SIZE 5 1/2" DEPTH 4597

AMOUNT ORDERED 400 SKS 60% class A

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

40% po2 8 1/2 gel 5# Kol-seal 4 1/2 P/B

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL PV tool DEPTH 1913

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

COMMON 240 @ 17.90 4,296.00

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

POZMIX 160 @ 9.35 1,496.00

CEMENT LEFT IN CSG. \_\_\_\_\_

GEL 28 @ 23.40 655.20

PERFS. \_\_\_\_\_

CHLORIDE @ \_\_\_\_\_

DISPLACEMENT 45.53 water

ASC @ \_\_\_\_\_

**EQUIPMENT**

\$100000 100 @ 2.97 297.00

PUMP TRUCK CEMENTER Tim Dickson

# 597 HELPER Kevin Chambers

BULK TRUCK # 603 DRIVER Kevin Wetzel

BULK TRUCK # 544-198 DRIVER Pan Casper

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING 452.52 @ 2.48 1,122.24

MILEAGE 18.62 x 25.4 2.60 1,210.69

TOTAL 9,077.13

**REMARKS:**

circulate for 2 hr  
mix 400 sks 60/40 8 1/2 gel  
shut down wash lines Prop plug  
Displace 45.53 bbls water  
land plug pressure - 1700 #  
plug down - 7:30 pm  
Big down  
Cement did circulate approx. 44 bbls to pit

**SERVICE**

DEPTH OF JOB 1913.00

PUMP TRUCK CHARGE 2249.84

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE @ \_\_\_\_\_

MANIFOLD @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 2249.84

CHARGE TO: Abercrombie Energy

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_

PRINTED NAME X Jason Schuler

TOTAL CHARGES 11,354.36

SIGNATURE X Jason Schuler

DISCOUNT 2,270.85 - IF PAID IN 30 DAYS

Thank You!!

9,083.40

API # 15-135-256449-00-00

GEOLOGICAL REPORT

PREPARED BY GRACE ENERGY SERVICES

DATE: 08/27/2013

WELL: 15-135-256449-00-00

FIELD: NE NE NE

SECTION: 23 TWP 19S RGE 28W

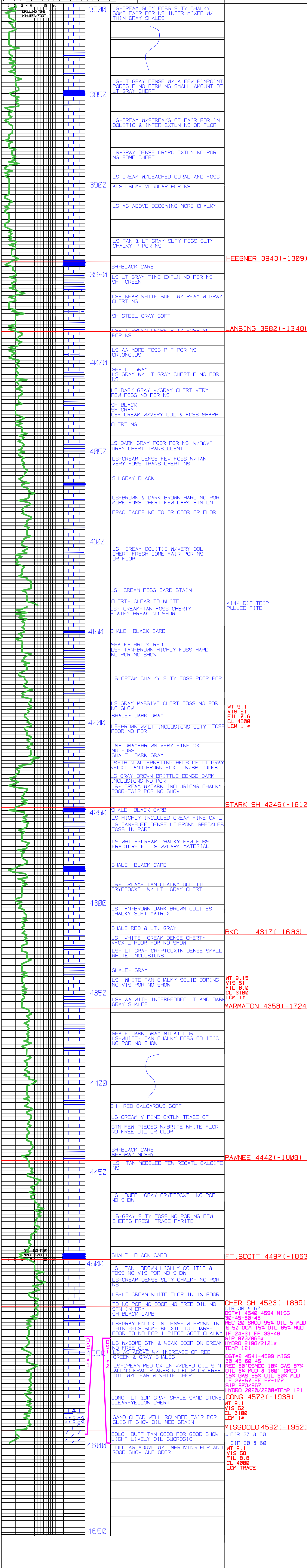
COUNTY: NESS STATE: KANSAS

CONTRACTOR: VAL RIG #7

SPUD: 2/20/2013 COMF: 08/27/2013

SAMPLES SAVED FROM 3820 TO 4100

FORMATION	THICKNESS	E. LOG	DATE	A	B	C	D
HEBNER SH	3943	3941	1-1982				
MARMATON SH	4358	4355	1-1915				
STARK SH	4246	4245	1-1915				
PAWNEE SH	4442	4437	1-1915				
FT. SCOTT SH	4497	4495	1-1915				
CHERRYBLOSSOM SH	4523	4521	1-1915				
CONG. SANDSTONE	4572	4569	1-1915				
MISSOURI	4592	4589	1-1915				



HEBNER 3943(-1309)

LANSING 3982(-1348)

STARK SH 4246(-1612)

BKC 4317(-1683)

MARMATON 4358(-1724)

PAWNEE 4442(-1808)

FT. SCOTT 4497(-1863)

CHERRY SH 4523(-1889)

CONG 4572(-1938)

MISSOURI 4592(-1952)