

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1157239

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from
City:	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
	Lease Name: Well #:
Designate Type of Completion:	Field Name:
New Well Re-Entry Workover	Producing Formation:
Oil WSW SWD SIOW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW ☐ Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Denvit #	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
☐ Dual Completion         Permit #:	Location of fluid disposal if bouled office.
ENHR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
Γοιιιια	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Reached 1D Completion Date of Recompletion Date	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 Approved by: Date:				

Page Two



Operator Name:				_ Lease l	Name: _			Well #:		
Sec Twp	S. R	East V	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whether s with final chart(	shut-in pre s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, flui	d recovery,
Final Radioactivity Lo- files must be submitte						gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taker (Attach Additional S		Yes	No				on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Da	tum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
			CASING		☐ Ne					
	0: 11-1-	· ·				ermediate, product		# O	T	d Damasat
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		AD	DITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Ce	ement	# Sacks Used Type and Percent Additives						
Perforate Protect Casing										
Plug Back TD Plug Off Zone										
Did you perform a hydrau	•					Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to							= :	p question 3)	of the ACO	()
Was the hydraulic fractur	ing treatment information	on submitted to the	e chemicai d	isciosure re	gistry?	Yes	No (If No, fill	out Page Three	or the ACO-1	<i>)</i> 
Shots Per Foot		ION RECORD - I Footage of Each I					cture, Shot, Cement mount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:		Packer A	i:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. Prod	ducing Meth	ıod:		1				
			Flowing	Pumpin	g	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. (	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVA	
Vented Sold		Open		Perf.	Dually	Comp. Cor	mmingled			
	bmit ACO-18.)		(Specify)		(Submit )	ACO-5) (Sub	mit ACO-4)			

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



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: Whipstock: ft (KB)

Time Tool Opened: 21:28:00 Time Test Ended: 02:39:15

4540.00 ft (KB) To 4594.00 ft (KB) (TVD)

Total Depth: 4594.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good Test Type: Conventional Bottom Hole (Initial)

Tester: Unit No:

**Bradley Walter** 

Reference Elevations:

2634.00 ft (KB)

2624.00 ft (CF)

KB to GR/CF: 10.00 ft

2013.08.27 @ 00:36:15

Serial #: 8677

Interval:

Inside Press@RunDepth: 48.35 psig @

Start Date: 2013.08.26 Start Time: 18:54:05 4541.00 ft (KB) End Date:

2013.08.27 End Time: 02:39:14 Capacity:

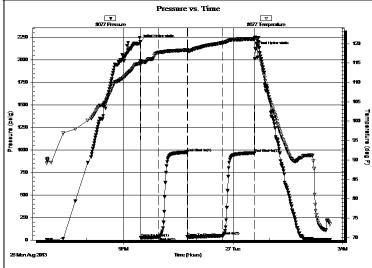
Time Off Btm:

8000.00 psig

Last Calib.: 2013.08.27 Time On Btm: 2013.08.26 @ 21:27:45

TEST COMMENT: IF: 2" blow.

ISI: No return. FF: 2 1/2" blow. FSI: No return.



	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	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

Cac Datas

PRESSURE SUMMARY

#### Recovery

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

Odo Nates					
Choko (inchos)	Proceuro (peig)	Gas Pato (Mof/d)			

Trilobite Testing, Inc. Ref. No: 54986 Printed: 2013.08.27 @ 06:34:52



**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 ChemCushion Type:Oil A Pl:38 deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:0 ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft
Viscosity: 52.00 sec/qt Cushion Volume: bbl

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**

Water Loss:

#### Recovery Table

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

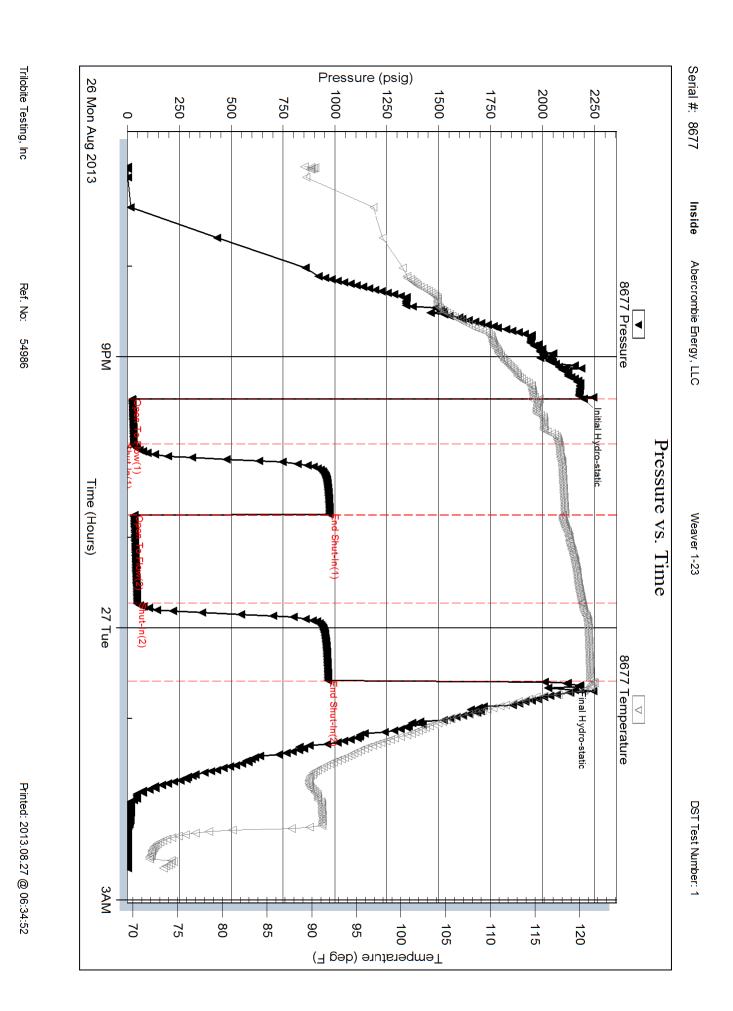
Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 54986 Printed: 2013.08.27 @ 06:34:52





Abercrombie Energy, LLC

Weaver 1-23

10209 W. Central, STE 2 Wichita, Ks 67212

Job Ticket: 54987

23 19s 26w Ness, Ks

ATTN: Mark Galyon

Test Start: 2013.08.27 @ 09:27:00

#### **GENERAL INFORMATION:**

Formation: Mississippian

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 11:32:15 Time Test Ended: 17:06:30 Tester: Bradley Walter

Unit No: 69

4541.00 ft (KB) To 4599.00 ft (KB) (TVD)

Reference Elevations: 2634.00 ft (KB)

2624.00 ft (CF)

DST#: 2

Total Depth: 4599.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8677
Press@RunDepth:

Interval:

Inside

106.82 psig @ 4542.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

 Start Date:
 2013.08.27

 Start Time:
 09:27:05

End Date: 2013.08.27 End Time: 17:06:29

Time On Btm: 20

2013.08.27 @ 11:32:00

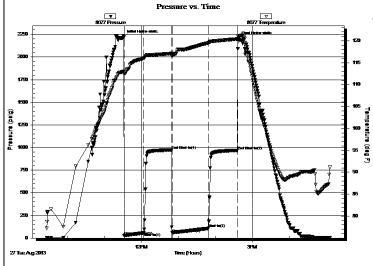
2013.08.27

\_\_

Time Off Btm: 2013.08.27 @ 14:37:30

TEST COMMENT: IF: 7" blow.

ISI: No return. FF: BOB @ 30 min. FSI: Surface return.



T	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	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)
1	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

PRESSURE SUMMARY

#### 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 mult	tiple tests	

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

Trilobite Testing, Inc Ref. No: 54987 Printed: 2013.08.28 @ 07:44:18



**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 ChemCushion Type:Oil A Pl:38 deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:0 ppm

Mud Weight:9.00 lb/galCushion Length:ftViscosity:58.00 sec/qtCushion Volume:bbl

8.79 in<sup>3</sup> Gas Cushion Type:

Gas Cushion Pressure: psig

Salinity: 4000.00 ppm Filter Cake: 1.00 inches

ohm.m

#### **Recovery Information**

Water Loss:

Resistivity:

#### 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:

Trilobite Testing, Inc Ref. No: 54987 Printed: 2013.08.28 @ 07:44:18

Trilobite Testing, Inc

Ref. No:

54987

Printed: 2013.08.28 @ 07:44:18

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/

Sam Brownback, Governor

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

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



Voice:

(817) 546-7282

Fax:

(817) 246-3361

#### Bill To:

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



Invoice Number: 138141

Invoice Date: Aug 20, 2013

Page:

1



Now Includes:



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

057 1 9 2010

Quantity	Item	Description Unit	t Price	Amount
		Weaver #1-23		Amount
	CEMENT MATERIALS	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	
203.25	CEMENT SERVICE	Ton Mileage		442.03
1.00	CEMENT SERVICE	Surface	2.60	528.45
25.00	CEMENT SERVICE	Pump Truck Mileage	,512.25	1,512.25
25.00	CEMENT SERVICE	Light Vehicle Mileage	7.70	192.50
1.00		Dustin Chambers	4.40	110.00
	EQUIPMENT OPERATOR	Mike Scothorn		
	OPERATOR ASSISTANT	Kevin Weighous		
	0. 2.0000000000000000000000000000000000	Walland Comments		
		The same of the sa		
		A F. Lifther Share and Language		
		352062		
		1352062 WEAVER 1-23		
		CEMENT SURFACE CSG		
		APPROVAL //		
		p-j		
		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
 6,334.57

# ALLIED OIL & GAS SERVICES, LLC 060571 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092		SER	VICE POINT:	2
			(seat)	Beng to
DATE 5-2213 SEC. 23 TWP. 95 RANGE 26W	CALLED OUT	ONLOCATION	JOB START	JOB FINISH
LEASE WE COLL WELL # 1-23 LOCATION Bee Les	15/1/2	FINGE	COUNTY	STATE
OLD OR (EW (Circle one)	)> 1/2	1/0 /50	1/0233	L KS
CONTRACTOR VAL Energy #7  TYPE OF JOB Sur Cace	OWNER			
HOLE SIZE 12/14 T.D.	CEMENT			
CASING SIZE 4516 DEPTH 264	AMOUNT OF	RDERED 165	cks 11	a 65 A
TUBING SIZE DEPTH	39002	Tice!	71-2	0 )) / .
DRILL PIPE VI (2) DEPTH TOOL DEPTH		1		
PRES. MAX MINIMUM	201111	:15	- 90	- 95350
MEAS. LINE SHOE JOINT	COMMON POZMIX	165	and the state of t	2.953.
CEMENT LEFT IN CSG. 15 CT	GEL	<b>7</b>	_@ <u></u> @ <i>ゑ 3. ∀</i> ∆	70.20
PERFS.	CHLORIDE		@ 44.00	320,00
DISPLACEMENT 15,8 6415 Croshhare	ASC	10-11	@	
EQUIPMENT	-		@	
			@	-
PUMPTRUCK CEMENTER Dugrin Chambers			_@	
# 398 HELPER Mike Grathern BULK TRUCK			_@ @	
# 600-241 DRIVER Key'n Liety Louis			@	
BULK TRUCK			@	
# DRIVER		78 24	@	000
	HANDLING Z	113 x 25 x	@ <del>2.48</del>	442.03
REMARKS:	MILEAGE			528, 45
Break CA Gulger wish Ry and			TOTAL	4.314.0
purp 56615 Freshyan		SERVIO	70	
my 165 5kg court		SERVIC	-E	
Ottobece 15, 4 5465 Croshices / Thatia	DEPTH OF JO	)B		
Olla Olla 127000	PUMP TRUCE		1512.	52
Par Para 1270 A	EXTRA FOOT		@	
	MILEAGE /			192.50
	MANIFOLD_	um 25	@ <del>\</del> . \ \ O	110.00
			@	110
CHARGE TO: Aber Crombie Energy	9 To 2000 White			70
STREET			TOTAL	1.814.25
				* *************************************
CITYSTATEZIP		PLUG & FLOAT	EQUIPMEN	Т
			(2)	
			_@	
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			TOTAL	
contractor. I have read and understand the "GENERAL	CALECTATA	T.C. A		
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (	II Any)	, 93	
V To chalks	TOTAL CHAP	IF Any) RGES 6.128 1.225	5, -	
PRINTED NAME X JAMES SMATTZ	DISCOUNT _	1.225	IF PAII	O IN 30 DAVS
		11003	74	AT JU DAIS
SIGNATURE		7.703		
-11 41/1/				
I han a toul,				



Voice: Fax:

(817) 546-7282

\_\_\_\_

(817) 246-3361

#### Bill To:

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



## INVOICE

Invoice Number: 138320

Invoice Date: Aug 28, 2013

Page:

1







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

Quantity	ltem .		Description		Unit Price	Amount
		Weaver #1-23			100	
240.00	CEMENT MATERIALS	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	CEMÉNT SERVICE	Production Top S	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	VENDOR NUMBER			
1.00	EQUIPMENT OPERATOR	Kevin Weighous	VOLICHERNUMBER			
1.00	EQUIPMENT OPERATOR	Daniel Casper				
			ACTILL OF RECEIPT	Name and the second sec	15. 7	
			CODE NOMICER	MINUUNI		
			1352062			
			WEAVER 1-23			
	6		2	7000740	<i>E</i>	
			CEMENT 5/2 CSG	1073/16		
			APPROVAL			
			VERIFIED ACCURACY		1	
			ASHILIED WOODUVO!	de la constitución de la constit	and the contract of the contra	

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	
TOTAL	-11,741.74

# ALLIED OIL & GAS SERVICES, LLC 061802 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092 SERVICE POINT:

DATE 8-28-13 SEC. TWP. RANGE 264 C	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Weaver WELL # 1-23 LOCATION Beeler	Ec ilas	LILLE	COUNTY	STATE
OLD OR NEW (Circle one) Sinto	) 1/2E	IN BE	Ness	15
CONTRACTOR Val Energy #7 Top STage	OWNER		_	
TYPE OF JOB PRODUCTON				
HOLESIZE 776 T.D. 4602	CEMENT			
CASING SIZE 51/2 DEPTH 4597	AMOUNT OR	DERED 400	5KS 604	GlasSA
TUBING SIZE DEPTH	404002 9	Stigel SA	= Kal-Seal	My RIA
DRILL PIPE DEPTH				1910
TOOL PV 1001 DEPTH 1913				
PRES. MAX MINIMUM	COMMON	240	017 90	4.2 96.9
MEAS. LINE SHOE JOINT	POZMIX	160	@ 9,35	
CEMENT LEFT IN CSG.	GEL	28	@ 73 40	655,30
PERFS.	CHLORIDE		The second secon	600, -
DISPLACEMENT 45,53 ward	Y 2 10		_@	
	45C_	1 /2:5	_@	797 00
EQUIPMENT	+1005	100	The same of the sa	297.00
Tim Dickson				
PUMPTRUCK CEMENTER Dusto Chambers			_@	•
# 597 HELPER Kevin Eddy	44.1.			
BULK TRUCK			_ @	
			_@	1.5
# 603 DRIVER Kern Wetgelows BULK TRUCK			@	
#544-198 DRIVER Pan Cosper			@	
THE DRIVER 1-42 COSPOR	HANDLING 5	152.52	@ 2.48	1/22.3
		1.62 x 25 \		1.210.69
REMARKS:				9.077.13
Grange Gol 2hr			IOIAL	7.077.
M/4 400 5Kg 60/40 8-11 gel		SERVI	CE	
Shor Dun Washlines Bropping			4.5	
Displace 45.53 6615 wares		B 1913		
Land plug pressure - 1700 II	<b>PUMP TRUCK</b>	CHARGE 7	2249.84	•
plug Psim - 7:30 pm	EXTRA FOOTA	AGE	@	
By Pown	MILEAGE		@	
Cepnent did availare approx. 44 lbls 10				
Pit				
CHARGE TO: Abercrombine Energy	two tiles a passage on			-
			ΤΩΤΔΙ	2249.85
STREET			TOTAL	<u> </u>
CITYSTATEZIP	F	LUG & FLOAT	EQUIPMEN	T
				<del></del>
			_@	
	4 AL 162 141 AH		_@	
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			TOTAL	
contractor. I have read and understand the "GENERAL			201110	
	SALES TAX (I	f Any)		
TERMS AND CONDITIONS" listed on the reverse side.			24-	
	TOTAL CHAR	GES 11.355 2.270	1. 75	<u> </u>
PRINTED NAME X SOSON SCHULOC		2.270		
PKINTED NAME V ) ) ) ( ) ( ) ( ) ( )	DISCOUNT		⇒ IF PAI	D IN 30 DAYS
SIGNATURE X loson Lehelen		9.08	3,40	)
The Kriell				



Voiœ: Fax:

(817) 546-7282 (817) 246-3361

Bill To:

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



## INVOICE

Invoice Number: 138319

Invoice Date: Aug 28, 2013

Page:

Now Includes:



RECEIVED
SEP - 9, 2013
GREAT BEND

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	ltem	Descript	tion	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	v.(.)	23.40	46.80
150.00	CEMENT MATERIALS	ASC	tage of the second	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
	CEMENT SERVICE	Ton Mileage		2.60	690.62
	CEMENT SERVICE	Production Bottom Stage		2,765.75	2,765.75
25.(10	CEMENT SERVICE	Pump Truck Mileage		7.70	192.50
	CEMENT SERVICE	Light Vehicle Mileage		4.40	110.00
	EQUIPMENT SALES	5-1/2 Triplex Shoe		1,026.20	1,026.20
1	EQUIPMENT SALES	5-1/2 D V Tool		5,335.26	5,335.26
	EQUIPMENT SALES	5-1/2 Basket		394.29	1,182.87
9.00		5-1/2 Centralizer		57.33	515.97
	EQUIPMENT SALES	5-1/2 Latch Down Plug		324.09	324.09
1.00		Tim Dickson			
1.00		Dustin Chambers			
	EQUIPMENT OPERATOR	Kevin Eddy			
1.00					
		Outstated			Continued

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	100	Continued
Payment/Credit Applied		
TOTAL		Continued



Voice: Fax:

(817) 546-7282

\_\_\_\_

(817) 246-3361

#### Bill To:

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



## INVOICE

Invoice Number: 138320

Invoice Date: Aug 28, 2013

Page:

1







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

<b>的现在分词形式的现在分词形式的现在分词形式的现在分词形式的</b>	Unit Price	Amount
	17.90	4,296.00
	9.35	1,496.00
	23.40	655.20
	2.97	297.00
	2.48	1,122.24
	2.60	1,210.69
	2,249.84	2,249.84
NAMES AND ADDRESS OF THE PARTY		
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5 10PSTAG	E	
the state of the s		
	3	9.35 23.40 2.97 2.48 2.60 2,249.84

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	
TOTAL	-11,741.74

# ALLIED OIL & GAS SERVICES, LLC 061802 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092 SERVICE POINT:

DATE 8-28-13 SEC. TWP. RANGE 264 C	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Weaver WELL # 1-23 LOCATION Beeler	Fe iles	LILLE	COUNTY	STATE
OLD OR NEW (Circle one) 5/20	) 1/2E	IN BE	Ness	15
CONTRACTOR Val Energy #7 Top STage	OWNER		_	
TYPE OF JOB PRODUCTON				
HOLESIZE 77/6 T.D. 4602	CEMENT			
CASING SIZE 51/2 DEPTH 4597	AMOUNT OR	DERED 400	5KS 604	GlasSA
TUBING SIZE DEPTH	404002 9	Stigel SA	= Kol-Seal	1 the Ria
DRILL PIPE DEPTH				1410
TOOL PV 1001 DEPTH 1913				
PRES. MAX MINIMUM	COMMON	240	017 90	4.2 96.9
MEAS. LINE SHOE JOINT	POZMIX	160		1.496.
CEMENT LEFT IN CSG.	GEL	28	@ 73 40	655.30
PERFS.	CHLORIDE		The state of the s	600, -
DISPLACEMENT 45,53 ward	Y		_@	
	\$100<	1 /2:5	@	797 00
EQUIPMENT	+1005	100	The same of the sa	297.00
Tim Dickson				<u> </u>
PUMPTRUCK CEMENTER Duston Chambers			_@	-
# 597 HELPER Kevin Eddy				
BULK TRUCK			_ @	
			_@	V-500
# 603 DRIVER Keen Wegglows BULK TRUCK			@	
#544-198 DRIVER Pan Cosper			@	
THE PORT OF THE PO	HANDLING 5	152.52	@ 2.48	1/22.3
		1.62 x 25 \		1.210.69
REMARKS:				9.077.13
Grange Gol 2hr			IOIAL	7.077.
M/4 400 5Kg 60/40 8-11 gel		SERVI	CE	
Shor Dun Wash lines Bropping			4.5	
Proplace 45.53 bils warer		B 1913		
Land plug pressure - 1700 II	<b>PUMP TRUCK</b>	CHARGE 7	2249.84	
plug Bu - 7:30 pm	EXTRA FOOTA	AGE	@	
By Pown	MILEAGE		@	
Cepnent did availare approx. 44 lbls 10				
Pit				
CHARGE TO: Abercrombie Energy	Www. Int. State of Australian			•
//			ΤΩΤΔΙ	2249.85
STREET			TOTAL	
CITYSTATEZIP	F	PLUG & FLOAT	r equipmen	T
			_@	-
			_@	
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			TOTAL	
contractor. I have read and understand the "GENERAL				
	SALES TAX (II	f Anv)		
TERMS AND CONDITIONS" listed on the reverse side.			. 24	-
	TOTAL CHAR	GES 11.355 2.270	1. 75	
PRINTED NAME X SOLSON SCHULOC		2.270		
PKINTED NAME A DOON TO THE	DISCOUNT		FAI	D IN 30 DAYS
SIGNATURE X loson Levelin		9.08	3,40	
The Kriell				

A. REFERENCE WELLS  D. REFERENCE WELLS  C. C.	- H	4246 4245 - 4317 4317 - 4358 4358 - 4442 4445 - 7 4442 4445 -	RITE 1894 IYDRITE 1937 IER SH 3943 3941 -1 NG 3982 3983 -1	COMPANY ABERCROMBIE ENERGY LEASE WEAVER #1  FIELD LOCATION NE NE NE  SEC_23 TWSP_19S RGE_26W COUNTY NESS STATE KANSAS  CONTRACTOR VAL RIG #7  SPUDB/20/2013COMP_08/27/2013  SAMPLES SAVED FROM_3800_TO_TD  FORMATION   SAMPLE   E LOG   DATUM	API # 15- 135-256449-00-00  GEOLOGICAL REPORT DRILLING TIME & SAMPLE LOG  PREPARED BY GRACIE CRISLER GEOLOGIST
				ELEVATION  K.B. 2634  D.F  G.L. 2624  C.L. 2624  DEPTH MEASURED FROM KB  Log. 4602Drillin \$599  Surface263 B_ 5/B Production 5_ 1/2  Electric Logs  A. GR   B. elog   C. elog	
DRILLING TO MINUTES/F			3800	LS-CREAM SLTY FOSS SLTY CHALKY SOME FAIR POR NS INTER MIXED W/ THIN GRAY SHALES	
				LS-LT GRAY DENSE W/ A FEW PINPOINT	
			3850	PORES P-NO PERM NS SMALL AMOUNT OF LT GRAY CHERT  LS-CREAM W/STREAKS OF FAIR POR IN	
				OOLITIC & INTER CXTLN NS OR FLOR  LS-GRAY DENSE CRYPO CXTLN NO POR NS SOME CHERT	
			3900	LS-CREAM W/LEACHED CORAL AND FOSS  ALSO SOME VUGULAR POR NS  LS-AS ABOVE BECOMING MORE CHALKY	
				LS-TAN & LT GRAY SLTY FOSS SLTY CHALKY P POR NS	
			3950	SH-BLACK CARB  LS-LT GRAY FINE CXTLN NO POR NS SH- GREEN	HEEBNER 3943(-1309
				LS- NEAR WHITE SOFT W/CREAM & GRAY CHERT NS  SH-STEEL GRAY SOFT  LS-LT BROWN DENSE SLTY FOSS NO	LANSING 3982(-1348
			4000	POR NS  LS-AA MORE FOSS P-F POR NS CRIONOIDS  SH- LT GRAY LS-GRAY W/ LT GRAY CHERT P-NO POR	
				LS-DARK GRAY W/GRAY CHERT VERY FEW FOSS NO POR NS SH-BLACK SH GRAY LS- CREAM W/VERY OOL & FOSS SHARP	
				CHERT NS  LS-DARK GRAY POOR POR NS W/DOVE GRAY CHERT TRANSLUCENT  LS-CREAM DENSE FEW FOSS W/TAN	
				VERY FOSS TRANS CHERT NS  SH-GRAY-BLACK  LS-BROWN & DARK BROWN HARD NO POR MORE FOSS CHERT FEW DARK STN ON	
				FRAC FACES NO FO OR ODOR OR FLOR	
				LS- CREAM OOLITIC W/VERY OOL CHERT FRESH SOME FAIR POR NS OR FLOR	
				LS- CREAM FOSS CARB STAIN  CHERT- CLEAR TO WHITE  LS- CREAM-TAN FOSS CHERTY  PLATEY BREAK NO SHOW	4144 BIT TRIP PULLED TITE
			1136	SHALE- BLACK CARB  SHALE- BRICK RED LS- TAN-BROWN HIGHLY FOSS HARD NO POR NO SHOW	
				LS CREAM CHALKY SLTY FOSS POOR POR  LS GRAY MASSIVE CHERT FOSS NO POR	WT_9.1
			4200	SHALE- DARK GRAY  LS-BROWN W/LT INCLUSIONS SLTY FOSS POOR-NO POR  LS- GRAY-BROWN VERY FINE CXTL NO FOSS	VIS 51 FIL 7.6 CL 4800 LCM 1 #
				SHALE- DARK GRAY  LS-THIN ALTERNATING BEDS OF LT GRAY  VFCXTL AND BROWN FCXTL W/SPICULES  LS GRAY-BROWN BRITTLE DENSE DARK  INCLUSIONS NO POR  LS- CREAM W/DARK INCLUSIONS CHALKY  POOR-FAIR POR NO SHOW	
			425W	SHALE- BLACK CARB LS HIGHLY INCLUDED CREAM FINE CXTL LS TAN-BUFF DENSE LT BROWN SPECKLES FOSS IN PART	STARK SH 4246(-161
				LS WHITE-CREAM CHALKY FEW FOSS FRACTURE FILLS W/DARK MATERIAL SHALE- BLACK CARB	
			4300	LS- CREAM- TAN CHALKY OOLITIC CRYPTOCXTL W/ LT. GRAY CHERT  LS TAN-BROWN DARK BROWN OOLITES CHALKY SOFT MATRIX	
				SHALE RED & LT. GRAY  LS- WHITE- CREAM DENSE CHERTY  VFCXTL POOR POR NO SHOW  LS- LT GRAY CRYPTOCXTN DENSE SMALL  WHITE INCLUSIONS	BKC 4317(-1683)
				SHALE- GRAY  LS- WHITE-TAN CHALKY SOLID BORING NO VIS POR NO SHOW  LS- AA WITH INTERBEDDED LT.AND DARK	WT 9.15 VIS 51 FIL 8.0 CL 3100 (LCM 1#
				SHALE DARK GRAY MICA C OUS LS-WHITE- TAN CHALKY FOSS OOLITIC	MARMATON 4358(-1724
			4400	NO POR NO SHOW	
				SH- RED CALCAROUS SOFT  LS-CREAM V FINE CXTLN TRACE OF  STN FEW PIECES W/BRITE WHITE FLOR	
				SH-BLACK CARB SH-GRAY MUSHY  LS- TAN MODELED FEW RECXTL CALCITE NS	PAWNEE 4442(-1808)
			4450	LS- BUFF- GRAY CRYPTOCXTL NO POR NO SHOW	
				LS-GRAY SLTY FOSS NO POR NS FEW CHERTS FRESH TRACE PYRITE	
			4500	SHALE- BLACK CARB  LS- TAN- BROWN HIGHLY OOLITIC & FOSS NO VIS POR NO SHOW  LS-CREAM DENSE SLTY CHALKY NO POR NS	FT.SCOTT 4497(-186
				LS-LT CREAM WHITE FLOR IN 1% POOR  TO NO POR NO ODOR NO FREE OIL NO STN IN DRY SH-BLACK CARB  LS-GRAY FN CXTLN DENSE & BROWN IN THIN BEDS SOME RECXTL TO COARSE POOR TO NO POR 1 PIECE SOFT CHALKY	
			DST-4 # 1	LS W/SOME STN & WEAK ODOR ON BREAK	SIP 973/966# HYDRO 2198/2121# TEMP 121 DST#2 4541-4599 MISS 30-45-60-45 REC 50'GSMCO 10% GAS 87% OIL 3% MUD & 160' GMCO 15% GAS 55% OIL 30% MUD
		00000		CONG- LT &DK GRAY SHALE SAND STONE. CLEAR-YELLOW CHERT  SAND-CLEAR WELL ROUNDED FAIR POR	IF 27-57 FF 57-107 SIP 973/967 HYDRO 2020/2200#TEMP 121
		0 00 00	4600	SAND-CLEAR WELL ROUNDED FAIR POR SLIGHT SHOW OIL MED GRAIN  DOLO- BUFF-TAN GOOD POR GOOD SHOW LIGHT LIVELY OIL SUCROSIC  DOLO AS ABOVE W/ IMPROVING POR AND GOOD SHOW AND ODOR	MISSDOLO 4592 (-1952 - CIR 30 & 60 - CIR 30 & 60 WT 9.1 VIS 58 FIL 8.8
					CL 4000 LCM TRACE
			4650		