



KANSAS CORPORATION COMMISSION 1067132
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 # _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



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

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Energies Corporation
Well Name	Arndt 2-34
Doc ID	1067132

Tops

Name	Top	Datum
Anhydrite	2020	+426
Base/Anhydrite	2049	+397
Topeka	3286	-840
Heebner	3486	-1040
Toronto	3512	-1066
Lansing	3526	-1080
Base/Kansas City	3708	-1262
Gorham Sand	3752	-1306
Granite Wash	3761	-1315

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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	Lansing K		3678 - 3682
4	Lansing C		3570 - 3572
4	Lansing B		3550 - 3560
	Lansing B	5 bbls 20% NEFE Acid	3555 - 3560
	Lansing K	750 gallons 15% MA	3678 - 3682
	Lansing C	300 gallons 15% MA	3570 - 3572
	Lansing B	500 gallons 15% MA	3550 - 3560
	CIBP		3630

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

November 09, 2011

Mindy Wooten
American Energies Corporation
155 N MARKET STE 710
WICHITA, KS 67202-1821

Re: ACO1
API 15-137-20582-00-00
Arndt 2-34
SW/4 Sec.34-03S-23W
Norton 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,
Mindy Wooten



American Energies
Corporation

155 N. Market, Suite 710, Wichita, KS 67202
316-263-5785, 316-263-1851 fax

DRILLING AND COMPLETION REPORT

ARNDT #2-34

AEC'S LEASE #: 10691021.002
LOCATION: W/2 NW SW Section 34-T3S-R23W
COUNTY: Norton
API: 15-137-20582
CONTRACTOR: W W Drilling, LLC
GEOLOGIST: David Goldak

SURFACE CASING: 8-5/8" 23#, set @ 344'
PRODUCTION CASING: 4 1/2" 11.6# set @ 3808'
RTD: 3816'
G.L.: 2444 K.B.: 2149'
SPUD DATE: 9/3/10
COMPLETION DATE: 9/23/11
REFERENCE WELLS:

NOTIFY: American Energies Corp
Alan L. DeGood Family Trust
Buffalo Creek Oil & Gas, LLC
Debbie Schmitt, LLC
Dianne Y. DeGood Family Trust
Great Plains Energy, INC.
Husker Logic, LLC
Hyde Resources, Inc.
Mica Energy Corp
RT & M Investments

#1: AEC's Arndt #1-34 – NW NE SW SW 34-3S-23W
#2: JSF's Lebeau #1 – SE SE NE 33-3S-23W

FORMATION:	SAMPLE LOG:				ELECTRIC LOG TOPS:			
		COMPARISON:				COMPARISON:		
Anhydrite	2020	+426	+1	+6	2020	+426	+1	+6
Base Anhydrite	2049	+397	+2	+7	2049	+397	+2	+7
Topeka	3286	-840	Flat	+9	3286	-840	Flat	+9
Heebner	3486	-1040	Flat	+6	3486	-1040	Flat	+6
Toronto	3512	-1066	+2	+9	3512	-1066	+2	+9
Lansing	3526	-1080	+3	+9	3526	-1080	+3	+9
Base/Kansas City	3708	-1262	+3	+9	3708	-1262	+3	+9
Gorham Sand	3751	-1305	+3	+7	3752	-1306	+2	+6
Granite wash	3760	-1314	+5	+17	3761	-1315	+4	+16
Total Depth	3816	-1370			3818	-1372		

- 9/3/11 MIRU, W W Drilling, LLC, Spud well on 9/3/11 at 1:15 p.m. Drilled 12 1/2" hole, set 8 jts of 8 5/8" 20# surface casing, tallied 337.94', set @ 344'. Allied Cementing cemented with 200 sx Common, 3% cc, 2% gel. Cement did circulate.
- 9/4/11 At 787' and drilling ahead.
- 9/5/11 At 2650' and drilling ahead.
- 9/6/11 At 3358' and drilling ahead.
- 9/6/11 4:45 p.m. preparing to run DST #1 – test interval 3483 – 3580 (Toronto and Lansing C zones).
- 9/7/11 Tripping in hole at 3580' following DST #1. Results DST #1: 3484 – 3580, Times: 30-60-45-90, IF – Good blow, BOB in 15 minutes. FF – Good blow BOB in 20 minutes. Recovered 372' TF (62' GO, 5% G, 95% O), 124' GMCO (5% G, 60% O, 35% M), 186' GOWCM (10% G, 25% O, 20% W, 45% M). Oil Gravity is 27. IHP: 1794, IFP: 26 – 111, ISIP: 1163, FFP: 118 – 179, FSIP: 1146, FHP: 1678. Temperature: 99 degrees.
- 9/8/11 At 3810' at 7:00 a.m. RTD: 3816. Circulating hole clean to come out to log. Results DST #2: 3706 – 3764 Gorham Sand, Times: 30-30-30-30, Recovered 20' OspM. 1st opening: Blow to surface, died in 10 minutes, 2nd opening – no blow, flushed tool, did not improve. IFP: 18-31, FFP: 34-40, ISIP: 850, FSIP: 731, IHP: 1915, FHP: 1856. Tool slid 20' did not open during slide.
- 9/8/11 2:00 p.m. Reviewed logs with Geologist, Dave Goldak, geological tops and log tops are the same. The Lansing B zone has approximately 6' of porosity and the Lansing C zone has approximately 3' of porosity which were covered in DST #1. The Lansing K zone had 2-3' of porosity with an oil show that we will need to test, and finally, the Gorham Sand interval looks to be tight on the log, however, we may want to perforate this zone before coming up to complete the Lansing zones. We will be setting 4 1/2" production casing to TD at 3816'. We will contact you Monday or Tuesday of next week after you had a chance to review the logs, geological report and Drill Stem test data to see if you wish to continue participation in the completion of the Arndt 2-34. We should have logs to e-mail later this afternoon.

9/8/11 Production Casing information: **Ran in 88 jts of new 4 1/2" 11.6# production casing to 3808'. Had 14' shoe jt and centralizers at 3794, 3714, 3626, 3538, 3450 and 1982. Ran in 2 cement baskets at 3794 and 2070 and DV tool at 2026'. Cemented lower string with 175 sx EA-2 cement and DV took with 300 sx and cement did circulate to surface. Last plug down at 1:15 a.m. on 9/9/11. Swift Cementing, ticket 21091.**

COMPLETION INFORMATION AS FOLLOWS:

9/23/11 MIRU – Express Well Service. Ran in 4 drill collars and 2 3/8" tubing to 2026' and started drilling DV tool. Drilled up DV tool and took bit to 3790' and circulated clean. TOH with tubing and bit. SION

9/26/11 Log Tech of Kansas ran Cement Bond Log. Reviewed log. Top of cement at 3350'. Swabbing down, ^{NOT on a} **perforated from 3678 – 3682' with 4 SPF.** Tripped in with packer and tubing to 3670', started swabbing. At 3 pulls down to 2900'. Set packer made 2 pulls and dry. Rigged up Swift Acid – spotted acid over perfs treated with 750 gallons of 15% mud acid – started at 500# - started feeding 1/2 BPM @ 350# @ 5 bbls – down pressured to 200# - took rig up to 1 BPM @ 400# - last 4 bbls – took rate up to 1 1/4 BPM at 500# ISIP: 350# after 5 minutes – 100#, vacuum in 10 minutes. Total load recovered – 32 bbls. Went in with swab and fluid was 200' down.

Time	Recovery	Content and Fluid level
1 st hour	30 bbls fluid	show of oil -fluid at 2200' down made 2 more pulls and made 10 bbls fluid with show of oil.

Total recovery of fluid for the day was 40 bbls. Fluid @ 2500' down. SION

9/27/11 Went in and tagged fluid at 1100' down – had 2600' fill over night with trace of oil on top. Released packer and tripped out of hole. Rigged up Log Tech of Kansas. **Set CIBP @ 3630' perforated from 3570 – 3572 with 4 SPF.** Tripped in hole with packer to 3550'. Swabbed down to 2500' and set packer. Swabbed well dry. Rigged up Kansas Acid and spotted acid over perfs. Started treating with 300 gallons 15% Mud Acid. 300# and started feeding at 1/2 BPM, at 3 bbls – took to 3 3/4 BPM @ 300#, after 5 bbls acid – took to 1 BPM and at 300#, finished acid treatment. ISIP: 200#. Vacuum in 25 minutes. Total load recovered – 23 bbls. Went in and began swabbing.

Time	Recovery	Content and Fluid Level
1 st hour	20 bbls fluid	Last pull @ 3200' down and had 20% oil cut.
2 nd hour	6 bbls fluid	20% oil – fluid at 3250' Released packer, got acid off backside, made 2 swabs, released packer and made 2 swabs – fluid 3250' down. SION

9/28/11 Tagged fluid at 950' down – 2600' fill overnight, 1100' oil, 1500' water. Tripped out of hole with packer. Rigged up Log Tech of Kansas and **perforated from 3555 – 3560 (Lansing D) with 4 SPF.** Tripped in hole with plug and packer. Set plug at 3565' and packer at 3550'. Started swabbing – pulling 300' per pull. Plug must be in casing collar. Moved plug 3' down and reset at 3568'. Swabbed well dry. Will check overnight fill up. SION

9/29/11 Went in and tagged fluid at 1300' down – had 1100' oil and 1150' water. Swabbed well dry. Spotted with 200 gallons of 15% mud acid (Kansas Acid) over perforation:

Pressure	Time	Amount of Acid
	1 1/2 hours	-0-
200#	1/2 hour	Took 4 gallons
300#	1/2 hour	Took 4 gallons
500#	1/2 hour	Took 4 gallons
1000#	1 hour	Took 4 gallons

Released pressure and swabbed back acid. Ran 1/2 hour test and had 100' fill. SION

09/30/11 Went in with swab and tagged fluid at 3300' down. Had 250' fill overnight. TOH with plug and packer and tallied tubing. Have 2.36' difference. RU Log Tech of Kansas and **re-perforated from 3555 – 3560 – 4 SPF.** TIH and set plug at 3563' and packer at 3546' and swabbed dry. Rigged up Kansas Acid and spotted 300 gallons of 20% NEFE acid over perforations:

Pressure	Time	Amount of Acid
300#		-0-
500#	40 minutes	1 1/2 bbls acid
800#	20 minutes	1 bbl acid
1200#	20 minutes	1 bbl acid
1500#	15 minutes	1 1/2 bbls
1700#	1 minute	1/10 th bbl

10/01/11 ISIP: 200#, vacuum in 2 minutes, load was 20 1/2 bbls. Went in with swab and fluid was 50' down. Swabbed back to 2900' – 13 bbls – no acid kick. Released packer and made 2 swabs. Reset packer and swabbed dry.

10/03/11 Went in with swab and tagged fluid at 3000'. Had 550' fluid @ 90% oil. Swabbed dry and conducted 1/2 hour test – no fluid. Dropped 2 3/8" standing valve to test tubing. Loaded tubing and we do have a small tubing leak. TOH with tubing to be tested. SION

10/04/11 Tested tubing – lost 3 jts. Tripped in hole with plug and PPI tool, set plug at 3615' and PPI tool at 3540'. Took test tool to 2000#. Took tool down to 3560', rigged up Kansas Acid, loaded tool with 5 bbls of 20% NEFE Acid and treated perforations from 3555 – 3560' at 1200# and 1 BPM at 1200#. Released tool and swabbed acid off backside. Went down and got plug and took it to 3565' – swabbed well down.

Test time	Recovery	% Oil	Fluid Level
1 st hour	5 bbls fluid	40% oil	fluid at 3200'
2 nd 1/2 hour	3 1/4 bbls fluid	70% oil	fluid at 3250'

SION

10/05/11 Tagged fluid at 1125' down – had 2425' fill overnight. Swabbed down and had 1200' oil and 1225' water.
Test time Recovery % Oil Fluid Level
1st ½ hour test 3 1/2 bbls fluid 70% oil fluid at 3200' down
2nd ½ hour 3 1/4 bbls fluid 70% oil fluid at 3200' down

TOH. TIH with 114 jts of 2 3/8" tubing, MA and SN to 3613'. Ran in 2 X 1 ½ X 12' RWT pump and 142 – ¾" rods, 2', 4', 6' and 8' rod subs to SN. RDMO

10/6/11 Shut-in waiting on pumping unit, motor and laying lead lines.

10/14/11 Started pumping unit.

	Barrels Oil	Barrels Water	Notes
10/15/11	20	90	Lease Production Totals – Arndt 1-34 makes approximately 3 BOPD
10/16/11	45	70	
10/17/11	35	40	
10/18/11	30	42	
10/19/11	31	45	
10/20/11	27	40	



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
9/8/2011	21091

BILL TO
American Energies Corporation 155 North Market Street 710 Market Centre Building Wichita, KS 67202

3001.00 Acidizing
 • Cement
 • Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-34	Amdt	Norton	WW Drilling	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				70	Miles	6.00	420.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
402-4	4 1/2" Centralizer				6	Each	65.00	390.00T
403-4	4 1/2" Cement Basket				2	Each	250.00	500.00T
407-4	4 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
408-4	4 1/2" D.V. Tool & Plug Set				1	Each	2,700.00	2,700.00T
417-4	4 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	16.50	4,950.00T
325	Standard Cement				175	Sacks	13.50	2,362.50T
284	Calseal				8	Sack(s)	35.00	280.00T
283	Salt				900	Lb(s)	0.20	180.00T
285	CFR-1				100	Lb(s)	4.00	400.00T
276	Flocele				125	Lb(s)	2.00	250.00T
290	D-Air				5	Gallon(s)	35.00	175.00T
581D	Service Charge Cement				475	Sacks	2.00	950.00
583D	Drayage				1,685.35	Ton Miles	1.00	1,685.35
	Subtotal							17,967.85
	Sales Tax Norton County						7.05%	945.58
We Appreciate Your Business!							Total	\$18,913.43

RECD SEP 13 2011



Services, Inc.

CHARGE TO: American Energies
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
21091

PAGE 1 OF 2

1. SERVICE/LOCATIONS: <u>Ness City 15</u>	WELL/PROJECT NO. <u>2-34</u>	LEASE <u>Amt</u>	COUNTY/PARISH <u>Norton</u>	STATE <u>KS</u>	CITY <u>Norton</u>	DATE <u>8/5/81</u>	OWNER <u>AM</u>
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>WU</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Norton</u>	WELL PERMIT NO.	ORDER NO. <u>8/5/81 11</u>	
3. WELL TYPE <u>OT</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>conat long string</u>				WELL LOCATION <u>34-3-23</u>	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	70	mi			6.00	420.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Controlizer	4 1/2	in			65.50	390.00
403		1			Conat Basket	2	ea			250.00	500.00
407		1			Insect Flat shoe w/ AUTO FILL	4 1/2	in			300.00	300.00
408		1			DV Tool	4 1/2	in			2700.00	2700.00
417		1			Insect Flat DV bit/drum plug 3/8" dia	4 1/2	in			200.00	200.00
281		1			MUDLUSH					1.25	625.00
221		1			PCL liquid	4	gal			25.00	100.00

TERMS: Customer hereby acknowledges and agrees to and conditions on the reverse side hereof which include, limited to, PAYMENT, RELEASE, INDEMNITY, and WARRANTY provisions.

BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO DELIVERY OF GOODS
 TIME SIGNED 9:21
 A.M.
 P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	1	6735.00
TOTAL	2	11232.85
sub total		17967.85
Porton TAX		945.58
TOTAL		18,913.43

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

APPROVAL

Thank You!



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Energies Corp.

Arndt #2-34

155 N. Market
Ste. 710 Wichita, Ks.
67202
ATTN: Dave Goldak

34 3s 23w Norton ks.

Job Ticket: 041947 **DST#: 1**
Test Start: 2011.09.06 @ 22:20:00

GENERAL INFORMATION:

Formation: **Toronto, LKC-'A'-'C'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:24:30

Time Test Ended: 06:50:00

Test Type: Conventional Bottom Hole

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: 3484.00 ft (KB) To 3580.00 ft (KB) (TVD)

Reference Elevations: 2446.00 ft (KB)

Total Depth: 3580.00 ft (KB) (TVD)

2441.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6741 Outside

Press @ Run Depth: 179.26 psig @ 3485.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.06 End Date: 2011.09.07

Last Calib.: 2011.09.07

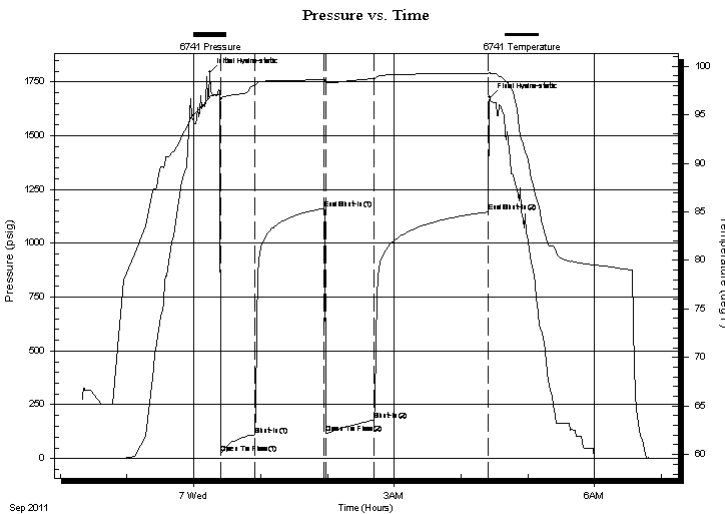
Start Time: 22:20:05 End Time: 06:49:59

Time On Btm: 2011.09.07 @ 00:14:30

Time Off Btm: 2011.09.07 @ 04:26:00

TEST COMMENT: IF: Fair blow, Built to B.O.B in 15 mins.
IS: Bled off, No blow back over 60 mins.
FF: Fair blow, Built to B.O.B in 20 mins.
FS: Bled off, No blow back over 90 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1794.37	96.79	Initial Hydro-static
10	26.49	96.58	Open To Flow (1)
40	110.76	98.02	Shut-In(1)
103	1162.63	98.62	End Shut-In(1)
104	118.38	98.38	Open To Flow (2)
147	179.26	98.72	Shut-In(2)
250	1146.17	99.25	End Shut-In(2)
252	1677.70	99.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	gocw m-10%g20%w 25%o45%m	1.46
124.00	gmco-5%g35%m60%o	1.74
62.00	go-5%g95%o	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corp.

Arndt #2-34

155 N. Market
Ste. 710 Wichita, Ks.
67202
ATTN: Dave Goldak

34 3s 23w Norton ks.

Job Ticket: 041947 **DST#: 1**
Test Start: 2011.09.06 @ 22:20:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	gocw m-10%g20%w 25%o45%m	1.461
124.00	gmco-5%g35%m60%o	1.739
62.00	go-5%g95%o	0.870

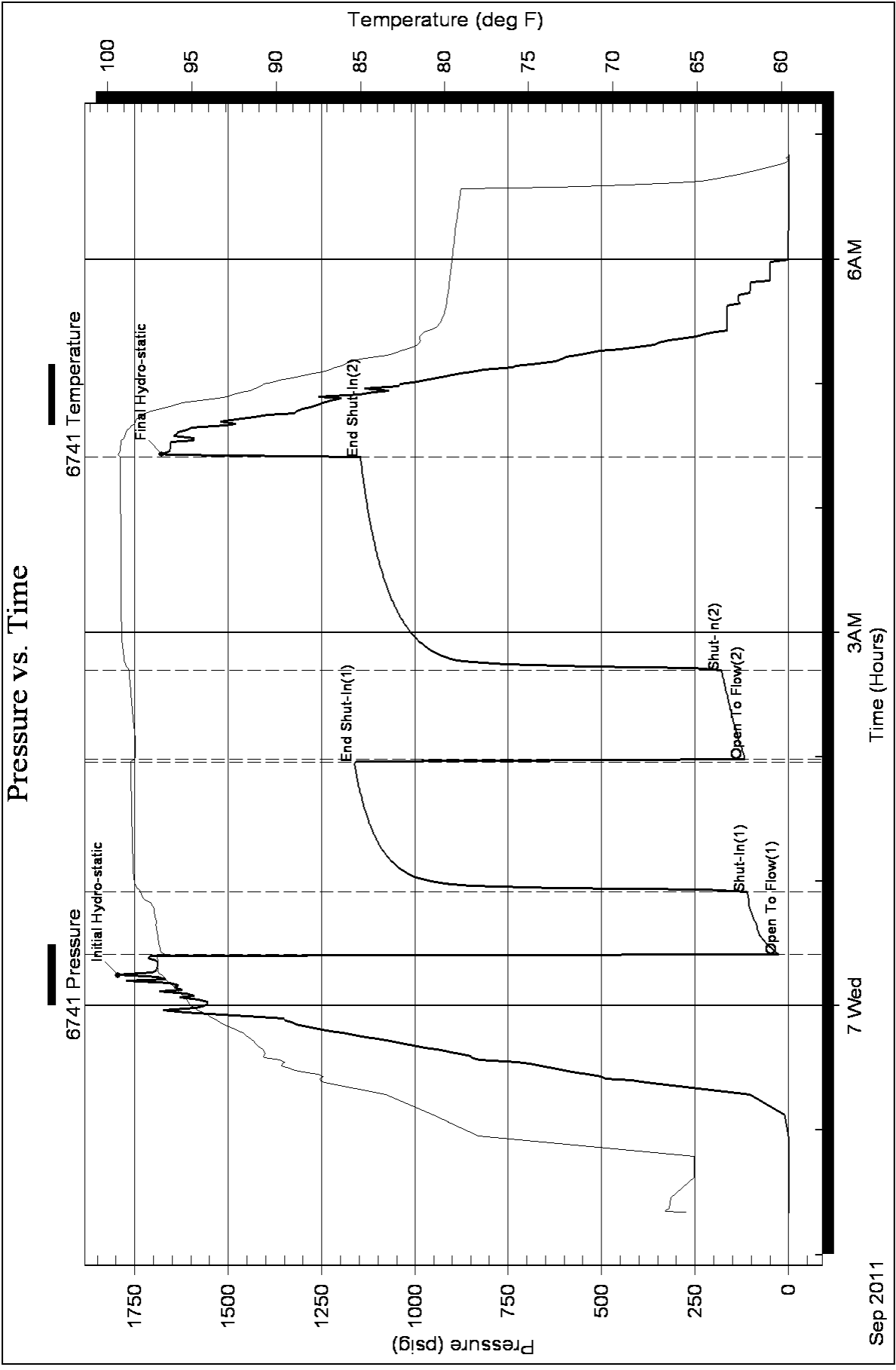
Total Length: 372.00 ft Total Volume: 4.070 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Oil grav.-28@62=27.2

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Energies Corp.

Arndt #2-34

155 N. Market
Ste. 710 Wichita, Ks.
67202
ATTN: Dave Goldak

34 3s 23w Norton ks.

Job Ticket: 041948 **DST#: 2**
Test Start: 2011.09.07 @ 19:20:00

GENERAL INFORMATION:

Formation: **Gorham Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:00

Time Test Ended: 01:11:00

Test Type: Conventional Bottom Hole

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: 3706.00 ft (KB) To 3764.00 ft (KB) (TVD)

Reference Elevations: 2446.00 ft (KB)

Total Depth: 3764.00 ft (KB) (TVD)

2441.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press @ Run Depth: 40.10 psig @ 3707.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.07

End Date:

2011.09.08

Last Calib.:

2011.09.08

Start Time:

19:40:05

End Time:

01:30:59

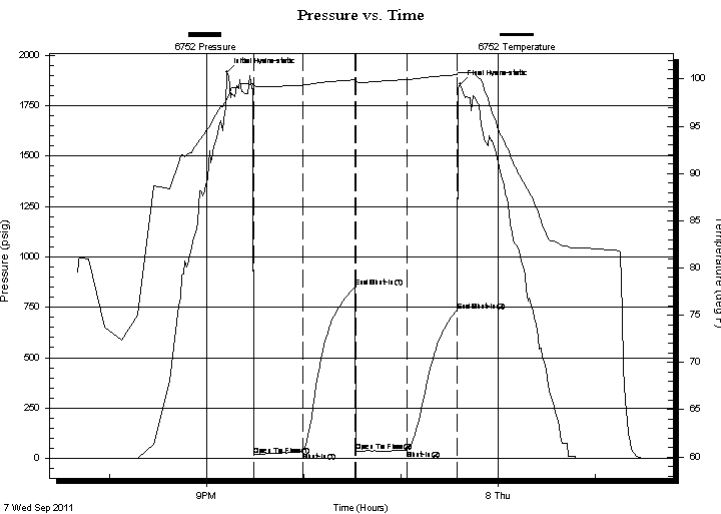
Time On Btm:

2011.09.07 @ 21:12:30

Time Off Btm:

2011.09.07 @ 23:36:30

TEST COMMENT: IF: Weak blow, Died in 10 mins.
IS: No blow back over 30 mins.
FF: No blow, Tried to flush tool. Pushed thru 20+ ft. of fill. on FF. pulled 30 + ft. tight coming off bottom.
FS: No blow back over



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1915.04	97.86	Initial Hydro-static
17	17.99	99.18	Open To Flow (1)
47	31.02	99.35	Shut-In(1)
79	849.96	99.91	End Shut-In(1)
80	33.80	99.76	Open To Flow (2)
111	40.10	99.94	Shut-In(2)
142	731.31	100.44	End Shut-In(2)
144	1855.84	100.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud with oil specs.	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corp.

Arndt #2-34

155 N. Market
Ste. 710 Wichita, Ks.
67202
ATTN: Dave Goldak

34 3s 23w Norton ks.

Job Ticket: 041948

DST#: 2

Test Start: 2011.09.07 @ 19:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 6.80 in³

Resistivity: ohm.m

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud w ith oil specs.	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

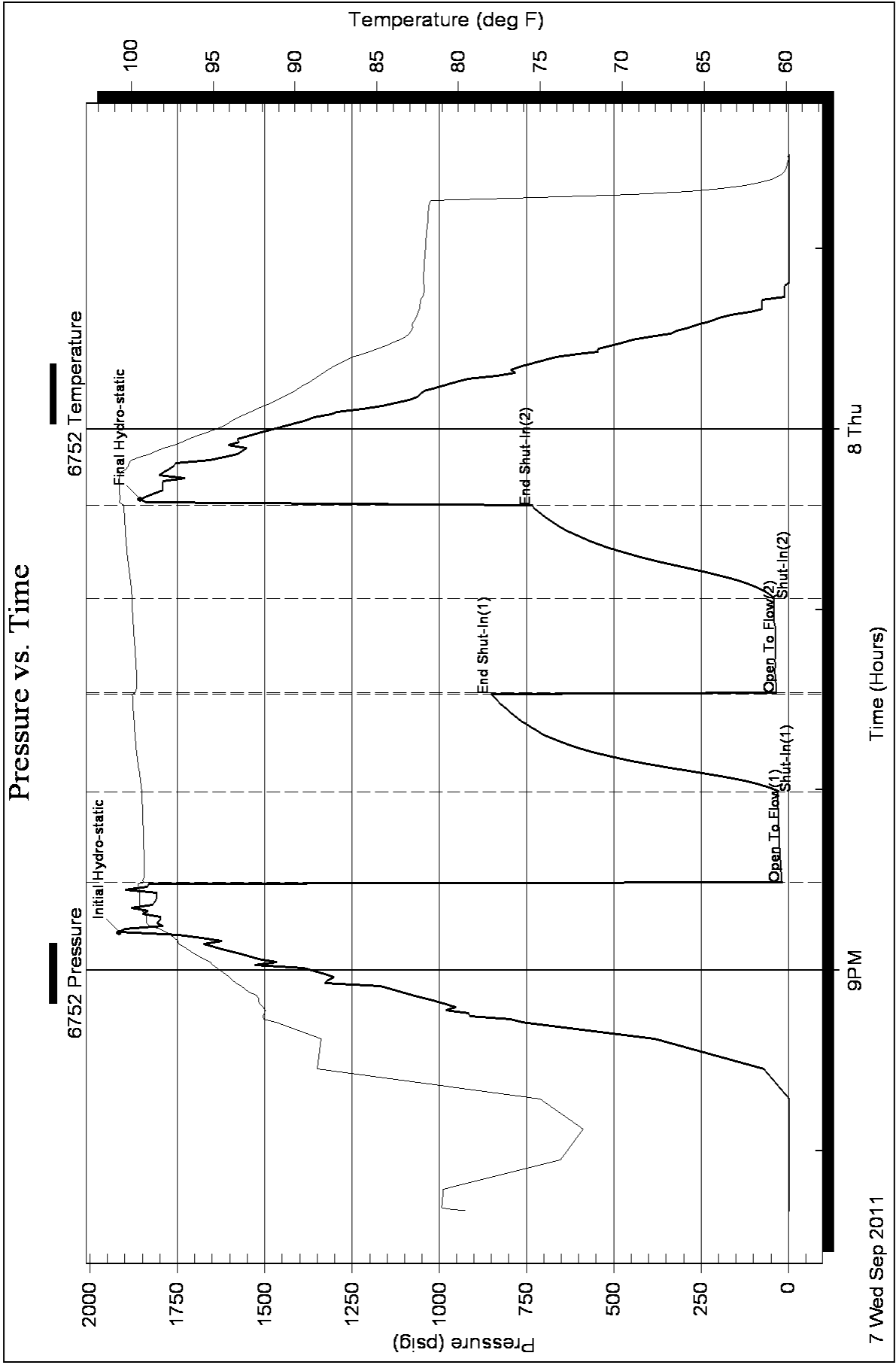
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
9/8/2011	21091

BILL TO
American Energies Corporation 155 North Market Street 710 Market Centre Building Wichita, KS 67202

3001.000 Acidizing
• Cement
• Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-34	Amdt	Norton	WW Drilling	Oil	Development	Cement LongStri...	Blaine

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	70	Miles	6.00	420.00
578D-L	Pump Charge - Long String	1	Job	1,500.00	1,500.00
402-4	4 1/2" Centralizer	6	Each	65.00	390.00T
403-4	4 1/2" Cement Basket	2	Each	250.00	500.00T
407-4	4 1/2" Insert Float Shoe With Auto Fill	1	Each	300.00	300.00T
408-4	4 1/2" D.V. Tool & Plug Set	1	Each	2,700.00	2,700.00T
417-4	4 1/2" D.V. Latch Down Plug & Baffle	1	Each	200.00	200.00T
281	Mud Flush	500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)	4	Gallon(s)	25.00	100.00T
330	Swift Multi-Density Standard (MIDCON II)	300	Sacks	16.50	4,950.00T
325	Standard Cement	175	Sacks	13.50	2,362.50T
284	Calseal	8	Sack(s)	35.00	280.00T
283	Salt	900	Lb(s)	0.20	180.00T
285	CFR-1	100	Lb(s)	4.00	400.00T
276	Flocele	125	Lb(s)	2.00	250.00T
290	D-Air	5	Gallon(s)	35.00	175.00T
581D	Service Charge Cement	475	Sacks	2.00	950.00
583D	Drayage	1,685.35	Ton Miles	1.00	1,685.35
	Subtotal				17,967.85
	Sales Tax Norton County			7.05%	945.58

We Appreciate Your Business!	Total	\$18,913.43
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RECD SEP 13 2011



Services, Inc.

CHARGE TO: American Energies
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET 21091
 PAGE 1 OF 2

SERVICE LOCATIONS: ness city ks WELL/PROJECT NO. 2-34 LEASE Amwt COUNTY/PARISH NOBERT STATE KS CITY NOBERT DATE 8/5/89 ORDER NO. 11 OWNER 2

TICKET TYPE SERVICE SALES CONTRACTOR _____ RIG NAME/NO. _____ SHIPPED VIA CT DELIVERED TO 10000

WELL TYPE OT WELL CATEGORY Development JOB PURPOSE concrete log string WELL PERMIT NO. _____ WELL LOCATION 34-3-23

4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					TRK 114	70	mi				6.00	420.00
578					Pump charge	1	ea				1500.00	1500.00
402					Centralizer	4 1/2	in			6.00	27.00	390.00
403					Convent Basket	4 1/2	in			2.00	9.00	500.00
407					Inset Flat shoe w/ AUTO FILL	4 1/2	in			1.00	300.00	300.00
408					DV Tool	4 1/2	in			1.00	2700.00	2700.00
417					Inset Flat DV batchdown plug	4 1/2	in			1.00	200.00	200.00
281					MODEL USA					500	1.25	625.00
221					REL liquid	4	gal				25.00	100.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: Thad Spur TIME SIGNED: 9:21 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	WE UNDERSTOOD AND MET YOUR NEEDS?	OUR SERVICE WAS PERFORMED WITH DELAY?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB SATISFACTORILY?	ARE YOU SATISFIED WITH OUR SERVICE?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TOTAL
									1	18,913.43
									2	11,232.85
									Subtotal	179,678.82
									Porton Tax	945.58
									7.05%	13,128.58

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR _____ APPROVAL _____

Thank You!



PO Box 466
Ness City, KS 67560
Of: 785-798-2300

TICKET CONTINUATION

TICKET No. 21091

CUSTOMER: **Amstar Energies** WELL: **2-34** DATE: **8 SEP 11** PAGE: **2** OF: **2**

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		UNIT PRICE	AMOUNT
		LOC	ACCT	DE			QTY	UM		
285	330									
325						5MD cement	800	sk	16.50	4950.00
284						STANDARD cement (Poe A-2)	175	sk	13.50	2362.50
283						oil seal	800	lb	35.00	2800.00
285						SALT	900	lb	0.20	180.00
276						CFR-1	100	lb	4.00	400.00
290						Fluocel	800	lb	2.00	250.00
						D-AIR	5	gal	35.00	175.00
581						SERVICE CHARGE			2.00	950.00
583						MILEAGE CHARGE			1.00	1685.35
SERVICE CHARGE MILEAGE CHARGE TOTAL WEIGHT 48163 LOADED MILES 70 CUBIC FEET 475 TON MILES 1685.35										

SEP 13 2011

CONTINUATION TOTAL 11232.85

JOB LOG

SWIFT Services, Inc.

DATE 8 SEP 11 PAGE NO.

CUSTOMER American Energies WELL NO. 2-34 LEASE Amdt JOB TYPE Cement long string TICKET NO. 21091

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk EA-2, 300 sk SMD w/ pack 4 1/2" x 10 1/2" TD 3816' TOTAL PIPE 3808' 88 joints shoe jt 13' Control valves 1, 3, 5, 7, 39, 41 Posht 3, 40 DV tool # 40 - 2026'
	1930							on loc TRK 114
	2050							start 4 1/2" 10 1/2" casing in well
	2235							Drop Ball - circulate
	2255	43 1/4	12				200	Pump 50 gal mud flush
		43 1/4	20				200	Pump 20 bbl KEL flush
	2303	43 1/4					250	Mix EA-2 cement @ 15.3 ppg 175 sk
	2315							Drop latch down plug
	2320	63 1/4					300	Displace plug
	2330		61				1500	Land plug
	2335							Release pressure to truck - dried up
	2338							Drop bomb
	2345		3				1200	Open DV tool - circulate
9 SEP	0020		8					Plug RH 30 sk
	0025	63 1/4	160				400	Mix SMD @ 11.2 ppg 270 sk
	0055							Drop stage 2 plug
	0100	63 1/4					200	Displace plug - cement to surface - 30 bbl
	0115	63 1/4	32				1400	Land plug - close DV tool
								Release pressure to truck - dried up
	0120							wash up truck
								Back up { 270 sk mixed } 10 to pit
	0145							Job complete
								Thanks Blair Joe Dave & Rob

REC'D SEP 13 2011