



KANSAS CORPORATION COMMISSION 1075829  
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 # 33770  
Name: ARES Energy, LTD  
Address 1: 405 N. MARIENFELD, STE 250  
Address 2: \_\_\_\_\_  
City: MIDLAND State: TX Zip: 79701 + \_\_\_\_\_  
Contact Person: Henry N. Clanton  
Phone: ( 432 ) 685-1960  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co., Inc.  
Wellsite Geologist: Justin Carter  
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>10/21/2011</u>	<u>10/28/2011</u>	<u>10/28/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-165-21945-00-00

Spot Description: \_\_\_\_\_  
NE SE NE SW Sec. 34 Twp. 17 S. R. 20  East  West  
1870 Feet from  North /  South Line of Section  
2545 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Rush  
Lease Name: Georg Well #: 34-11  
Field Name: \_\_\_\_\_  
Producing Formation: none  
Elevation: Ground: 2136 Kelly Bushing: 2144  
Total Depth: 4320 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 522 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: 65000 ppm Fluid volume: 12 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: 03/07/2012
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garrisor Date: 03/08/2012



1075829

Operator Name: ARES Energy, LTD Lease Name: Georg Well #: 34-11  
 Sec. 34 Twp. 17 S. R. 20  East  West County: Rush

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: <b>Attached</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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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	12.125	8.6250	23	522	Common	300	3%cc 2%gel

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	-			
	-			

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	ARES Energy, LTD
Well Name	Georg 34-11
Doc ID	1075829

All Electric Logs Run

Dual Induction Log
Dual Compensated Neutron LithoDensity Log
Microresistivity Log
Compensated Sonic Log
Mudlog

Form	ACO1 - Well Completion
Operator	ARES Energy, LTD
Well Name	Georg 34-11
Doc ID	1075829

Tops

Name	Depth	Reference
Anhydrite	1,319'	+825
Heebner	3,549'	-1,405'
Lansing	3,594'	-1,450'
Pawnee	3,968'	-1,824'
Ft. Scott	4,026'	-1,882'
Cherokee Sd	4,039'	-1,895'
Miss	4,108'	-1,964'
Viola	4,160'	-2,016'
Arbuckle	4,277'	-2,133'

# ALLIED

OIL & GAS SERVICES, LLC

24 S. Lincoln Street  
 P.O. Box 31  
 Russell, KS 67665-2906

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

**RECEIVED**  
 NOV 01 2011  
 By \_\_\_\_\_

## INVOICE

Invoice Number: 128976  
 Invoice Date: Oct 22, 2011  
 Page: 1

**Bill To:**  
 Ares Energy LTD  
 405 N Marienfeld, Suite 250  
 Midland, TX 79701

Customer ID	Well Name # or Customer P.O.	Payment Terms	
Ares	Georg #34-11	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Russell	Oct 22, 2011	11/21/11

Quantity	Item	Description	Unit Price	Amount
300.00	MAT	Class A Common	16.25	4,875.00
5.00	MAT	Gel	21.25	106.25
10.00	MAT	Chloride	58.20	582.00
315.00	SER	Handling	2.25	708.75
30.00	SER	Mileage	34.65	1,039.50
1.00	SER	Cement Long Surface	1,125.00	1,125.00
30.00	SER	Heavy Vehicle Mileage	7.00	210.00
30.00	SER	Light Vehicle Mileage	4.00	120.00
1.00	EQP	8 5/8 Solid Rubber Plug	79.00	79.00
1.00	EQP	8 5/8 Baffle Plate	84.00	84.00
1.00	CEMENTER	Glenn Ginther		
1.00	OPER ASSIST	Woody O'Neil		
1.00	OPER ASSIST	Mark Radke		

Company		Ares		
Account #'s	Property #'s			Amount
GEN SUB	GEN SUB	AFES		
100 71	100 3411	15108		
Approvals	<i>HMC</i>	Total		

Subtotal	8,929.50
Sales Tax	360.75
Total Invoice Amount	9,290.25
Payment/Credit Applied	
<b>TOTAL</b>	<b>9,290.25</b>

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

\$ 2092.65

ONLY IF PAID ON OR BEFORE

Nov 16, 2011

**A/P PROCESSED**

-2092.65  
 7197.60

# ALLIED CEMENTING CO., LLC. 038179

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell, Ks.

DATE <u>10-22-20</u>	SEC <u>34</u>	TWP <u>17 S</u>	RANGE <u>20 W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>GeoAG</u>	WELL # <u>34-11</u>	LOCATION <u>across Ks, 10w 1s 1/2w 1/4N</u>	COUNTY <u>Rust</u>	STATE <u>KANSAS</u>			

OLD OR NEW (Circle one)

CONTRACTOR <u>Duke Data Rig #2</u>	OWNER
TYPE OF JOB <u>Cement Long Surface</u>	CEMENT
HOLE SIZE <u>12 1/4</u> I.D. <u>5'24"</u>	AMOUNT ORDERED <u>300sx Comm</u>
CASING SIZE <u>8 5/8 New</u> DEPTH <u>523'</u>	<u>3% cc</u>
TUBING SIZE <u>23# csg.</u> DEPTH	<u>2% Gel</u>
DRILL PIPE DEPTH	
TOOL DEPTH	
PREV. MAX MINIMUM	COMMON <u>300 @ 16.25 4875.00</u>
MBAS. LINE SHOE JOINT <u>39.60</u>	POZMIX @
CEMENT LEFT IN CSG. <u>39.60</u>	GEL <u>5 @ 21.25 106.25</u>
PERFS.	CHLORIDE <u>10 @ 58.00 582.00</u>
DISPLACEMENT <u>30.95 / 88.1</u>	ASC @
EQUIPMENT	
PUMP TRUCK CEMENTER <u>GIRNA</u>	
# <u>417</u> HELPER <u>Woody</u>	
BULK TRUCK	
# <u>481</u> DRIVER <u>MARK</u>	
BULK TRUCK	
# DRIVER	
	HANDLING <u>315 @ 2.25 708.75</u>
	MILEAGE <u>11.16/mile 1039.50</u>
	TOTAL <u>7311.50</u>

REMARKS:

Don 12 New JT. of 23# 8580CSG.  
Set @ Received Circulation  
+ Cement w/ 300sx Comm 342  
Release T.R.P. + Displace 30.73/Bbl  
H&P Land plug @ 500ft. Road 60  
Displace @ 30.95  
Cement DID CIRCULATE  
TO SURFACE. THANKS

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1125.00</u>
EXTRA FOOTAGE @		
MILEAGE <u>30 @ 7.00</u>		<u>210.00</u>
MANIFOLD YES @		
<u>CON</u> <u>30 @ 4.00</u>		<u>120.00</u>

TOTAL 1455.00

CHARGE TO: ARES ENERGY LTD.

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

PLUG & FLOAT EQUIPMENT

* <u>AFU INSERT</u>		
<u>8 5/8 Solid Rubber Plug @</u>		<u>79.00</u>
* <u>BAFFLE Plate @</u>		<u>84.00</u>
@		
@		
@		

TOTAL 163.00

To Allied Cementing Co., 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 Dion Vasquez

SIGNATURE Dion Vasquez

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 2929.50  
DISCOUNT 20% IF PAID IN 30 DAYS

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

March 07, 2012

Henry N. Clanton  
ARES Energy, LTD  
405 N. MARIENFELD, STE 250  
MIDLAND, TX 79701

Re: ACO1  
API 15-165-21945-00-00  
Georg 34-11  
SW/4 Sec.34-17S-20W  
Rush 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,  
Henry N. Clanton

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



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March 07, 2012

Henry N. Clanton  
ARES Energy, LTD  
405 N. MARIENFELD, STE 250  
MIDLAND, TX 79701

Re: ACO-1  
API 15-165-21945-00-00  
Georg 34-11  
SW/4 Sec.34-17S-20W  
Rush County, Kansas

Dear Henry N. Clanton:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/21/2011 and the ACO-1 was received on March 07, 2012 (not within the 120 days timely requirement).

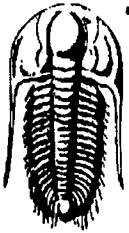
Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Ares Energy, LTD  
 405 N. Marienfeld  
 Suite 250  
 Midland, TX. 79701  
 ATTN: Justin Carter

**34-17s-20w-Rush**

**Georg #34-11**

Job Ticket: 44680

**DST#: 1**

Test Start: 2011.10.27 @ 00:17:02

**GENERAL INFORMATION:**

Formation: **Cherokee Sand**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:44:02  
 Time Test Ended: 07:15:17  
 Interval: **4031.00 ft (KB) To 4050.00 ft (KB) (TVD)**  
 Total Depth: 4050.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jason McLemore  
 Unit No: 54  
 Reference Elevations: 2144.00 ft (KB)  
 2138.00 ft (CF)  
 KB to GR/CF: 6.00 ft

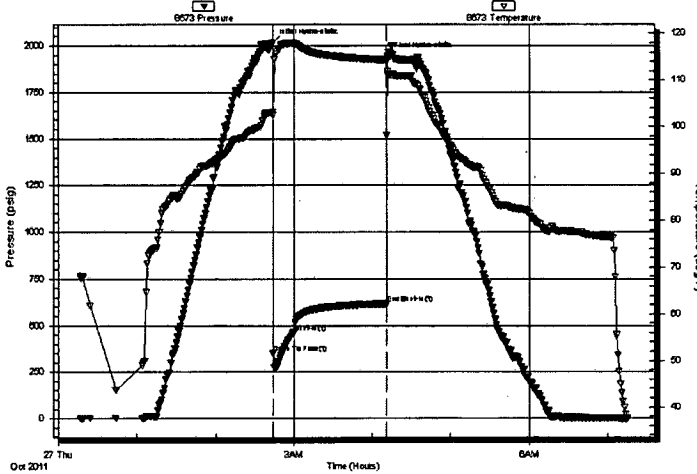
**Serial #: 8673**

Inside

Press@RunDepth: 460.66 psig @ 4033.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.10.27 End Date: 2011.10.27 Last Calib.: 1899.12.30  
 Start Time: 00:17:04 End Time: 07:15:17 Time On Btm: 2011.10.27 @ 02:43:47  
 Time Off Btm: 2011.10.27 @ 04:11:32

TEST COMMENT: IFP-Strong, BOB in 1 Mn.  
 IS-Dead  
 FFP-

Pressure vs. Time



**PRESSURE SUMMARY**

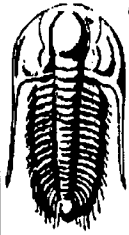
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2014.47	103.13	Initial Hydro-static
1	349.02	102.41	Open To Flow (1)
16	460.66	118.03	Shut-In(1)
87	615.90	114.25	End Shut-In(1)
88	1943.90	111.83	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
855.00	Muddy Water	11.99

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Ares Energy, LTD  
405 N. Marienfeld  
Suite 250  
Midland, TX. 79701  
ATTN: Justin Carter

**34-17s-20w-Rush**  
**Georg #34-11**  
Job Ticket: 44680      **DST#: 1**  
Test Start: 2011.10.27 @ 00:17:02

**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:	65000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8700.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
855.00	Muddy Water	11.993

Total Length: 855.00 ft      Total Volume: 11.993 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

