

Confidentiality Requested:

Yes No

# Kansas Corporation Commission Oil & Gas Conservation Division

1074038

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:			Sec	TwpS. R	East West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long: _	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	W	/ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	:
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G		(Data must be collected from the		
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls
Dual Completion			Dewatering method used: _		
SWD			Location of fluid disposal if	hauled offsite	
☐ ENHR			1		
GSW	Permit #:		Operator Name:		
_ <del>_</del>			Lease Name:	License #:_	
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West
Recompletion Date		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 Name: _			Well #:			
Sec Twp	S. R	East West	County:						
open and closed, flow and flow rates if gas t	ving and shut-in presson surface test, along w	ures, whether shut-in previth final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,	
				egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	n. Digital elec	tronic log	
CASING RECORD									
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m	
Cores Taken Electric Log Run									
List All E. Logs Run:									
		CASING	RECORD Ne	ew Used					
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, etc.				
Purpose of String									
		ADDITIONAL	OFMENTING / OOL						
Purnose:	Depth			JEEZE RECORD		araant Additiraa			
Perforate Top Bottom		Type of Cement	# Sacks Osed	Type and Percent Additives					
Plug Back TD									
Plug Off Zone									
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No. ski	p questions 2 ar	nd 3)		
	=		xceed 350,000 gallons			•	,		
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)		
Shots Per Foot								Depth	
	Сроспу Г	octago of Laon morvari of	ioratou	(>1	mount and rand or ma	teriar Good)		Борит	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No				
Date of First, Resumed	Production, SWD or EN								
Fotimeted Day 1 2	0" -					) O" D "			
	Oil E	obis. Gas	Mct Wate	er B	sois. G	as-OII Ratio	Gr 	ravity	
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL		
			Perf. Dually	Comp. Con					
	bmit ACO-18.)	Other (Specify)	(Submit )	ACO-5) (Sub	omit ACO-4)				

Form	ACO1 - Well Completion
Operator	ARES Energy, LTD
Well Name	Mantz 9-3
Doc ID	1074038

# All Electric Logs Run

Dual Induction Log
Dual Compensated Neutron LithoDensity Log
Microresistivity Log
Compensated Sonic Log
Sector Bond/Gamma Ray/CCL Log
Mudlog

Form	ACO1 - Well Completion
Operator	ARES Energy, LTD
Well Name	Mantz 9-3
Doc ID	1074038

# Tops

Name	Тор	Datum
Anhydrite	1,482'	+739'
Heebner	3,662'	-1,441'
Lansing	3,710'	-1,489'
Pawnee	4,102'	-1,881'
Ft. Scott	4,176'	-1,955'
Cherokee	4,202'	-1,981'
Miss	4,261'	-2,040'
Viola	4,441'	-2,220'



BILL TO

P. O. Box 466

Ness City, KS 67560

Off: 785-798-2300

# Invoice

DATE	INVOICE#
11/11/2011	22439

D	E	G	E		V	77. La		
	N	٥٧	18	3 2	011		•	1
Ву_					-		0	1

Acidizing

Cement

Tool Rental

ARES Energy, Ltd.
405 North Marienfeld
Suite 250
Midland TX 79701

Net 30 #  PRICE REF.  575D  578D-L  402-5  403-5  404-5  406-5  407-5  419-5  325  284  283  286  276  281  221  290  581D  582D	M Pt		Ness DESCRIPT	Duke Drilling #2	(	Oil	D	evelopment	Cement LongStri	Blaine
575D 578D-L 402-5 403-5 404-5 406-5 407-5 419-5 325 284 283 286 276 281 221 290 581D	M Pt		DESCRIPT	TION			Development			Blanc
578D-L 402-5 403-5 404-5 406-5 407-5 419-5 325 284 283 286 276 281 221 290 581D	Pt 5					QTY	,	UM	UNIT PRICE	AMOUNT
	5 5 5 5 5 5 Si C Si H F M L D	Mileage - 1 Way Pump Charge - Long String 5 1/2" Centralizer 5 1/2" Cement Basket 5 1/2" Port Collar 5 1/2" Latch Down Plug & Baffle 5 1/2" Insert Float Shoe With Auto Fill 5 1/2" Rotating Head Rental Standard Cement Calseal Salt Halad-1 (Halad 9) Flocele Mud Flush Liquid KCL (Clayfix)				25 Miles 6.00 1 Job 1,500.00 10 Each 70.00 1 Each 250.00 1 Each 2,400.00 1 Each 250.00 1 Each 350.00 1 Each 350.00 1 Each 350.00 1 Each 350.00 1 Each 200.00 1 Each 250.00 2 Gallon(s) 25.00 2 Gallon(s) 35.00			150.00 1,500.00 700.00T 250.00T 2,400.00T 250.00T 350.00T 200.00T 2,362.50T 280.00T 180.00T 750.00T 100.00T 50.00T 70.00T	
	S S	D-Air Service Charge Cement Minimum Drayage Charge  Subtotal Sales Tax Ness County  Company Account #s Property #s Account #s Property #s Account #s SUB AFE Amount Approvals  Approvals  Total		nt.		175	Sacks Each	2.00 250.00	350.00 250.00 10,817.50 539.75	

We Appreciate Your Business!

Total

\$11,357.25



CITY, STATE, ZIP CODE

ADDRESS CHARGE TO: ARES Emegy

70 TICKET 22439

PAGE

SERVICE LOCATIONS REFERRAL LOCATION TICKET TYPE CONTRACTOR

SERVICE

SALES

WELL TYPE WELL/PROJECT NO. INVOICE INSTRUCTIONS 9 9-3 LEASE Development MAINT 2 cement RIG NAME/NO. COUNTY/PARISH STATE SHIPPED DELIVERED TO WELL PERMIT NO. B42110 WELL LOCATION 9-21 W II NOV II ORDER NO. OWNER S

	5119	407	406	404	403	2.0%	578	575	REFERENCE	PRICE
									PART NUMBER	SECONDARY REFERENCE/
	-	1	-	-	~		-		500	
									ACCT	ACCOUNTING
(Balalar) apripag									유	ด็
	Rotating heed ventel	insect flact sine of Auto Fix	Laton down plu + baltle	PORT COLLET	Cement Bosket	Contralizer	Pemp Charge	MILEAGE TRK 114	DEVICEITION	2720227702
	33 %	5% in	53 12	57 in	52 2	52 m	1 en	25 m	QTY.   UM	
CLEANING THE STREET	10a	1 en	1 00	1 000	1/20	n es			QTY.   U/M	
and water	20000	300 00	250 0	2400 00	25000	70 00	1500 00	600	PRICE	TINU
Time tone		POSSESSE MONTH	25000	2400 00 240000	250 00	700 00	150000 150000	15000	AMOUNT	

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

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO

START OF WORK OR DELIVERY OF GOODS

SWIFT SERVICES, INC.

REMIT PAYMENT TO:

NESS CITY, KS 67560 785-798-2300

P.M.

P.O. BOX 466 ARANE PER ME WELL

11,35/2	IOIAL	07207AUTH 6641	ESPOND	VISH TO F	CUSTOMER DID NOT WISH TO RESPOND
- 1			NO	ONO	☐ YES
				RVICE?	RE YOU SATISFIED WITH OUR SERVICE?
10-11	160310				TISFACTORILY?
529 75	TAX 9		-govern	MARINE THE PARTY OF THE PARTY O	LCULATIONS
	17 ess				E OPERATED THE EQUIPMENT
	1000	1			RFORMED WITHOUT DELAY?
1001	ヘルカナカー				JR SERVICE WAS
111111111111111111111111111111111111111	-				ET YOUR NEEDS?
THOC					E UNDERSTOOD AND
10 50	2				ITHOUT BREAKDOWN?
クルフフ	PAGE IOIAL				JR EQUIPMENT PERFORMED
30 500		AGREE	DECIDED AGREE	AGREE	SURVEY
			The state of the s	CONTRACTOR DESCRIPTION OF THE PERSON OF THE	

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

SWIFT OPERATOR

18 M

APPROVAL

DATE SIGNED

Thank You!



# PO Box 466.

# TICKET CONTINUATION

No. 22439

				CHANGE			
350 00	6		TON MILES	MILEAGE TOTAL WEIGHT LOADED MILES			281
30000	280,00	-	CUBIC FEET	DROUGE (WIN)			282
and the second							
<i>2</i>							
1							
<i>f</i> -							
70 00	35700		240	D-2170			240
00 00	25 00		2001	KCL Cravid	Guo		22
62500	125		500 001	multush			281
10000	200		-	Flacele	Can-		276
750 00	700		†	halad-1			286
180 00	020		900115	soct			283
280,00	3500	\$ 5k	800 1/6				284
2 362 50	13 50 8		2	STAMBARD COMER (FOR EA-2)			325
AMOUNT	UNIT	QTY. UM	QTY.   UM		ACCOUNTING TIME	SECONDARY REFERENCE/ PART NUMBER	PRICE REFERENCE
نع	n nov 11		93 MANTZ	hand sast	Off: 785-798-2300	o, luce. Off:	Service

A	RES E	nergy	WELL NO.	7-3		LEASE MA	MIZ	Comunit long string TICKET NO. 22439
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUM	PS C	PRESSUR TUBING		DESCRIPTION OF OPERATION AND MATERIALS
	CONCORDANA, MARION CONTRACTOR	(Dr. NI)	(BBE) (GAE)	MARKON THE SAME	Ť	TODINO	CAGINO	175 sts EA-2 w/ flocale
,								109 its 52" 15.5# 4484' RTD 4485' CTD 44
								Rost Colles #22 1444 C+ 111, 102, 103, 103, 103, 103, 89, 27,9
		Charles and the second control of the second						3/5/1 22 P.C. LARSON 4 685
	*							91391.
	<b>A</b> 2			ser-General Stability (Sept. No.				
	0800	MAN ethnormous himselfund tubel i et seletuna de		************				onloc TRK114
	1110							start 52"155" Casing in well
	1110							Start JZ 121 Casing in well
	1310							Drop ball - circulate - ROTATE
								•
	1410	43	12				200	Pump 500gal mudflush
		43	7.3	http://www.com/com/com/com/com/com/com/com/com/com/				D 20112 1/01 12 1
		934	20				200	Pump 20 bb1 KCL flesh
	1415		8				2.000	Plug RH-MH 30545 - 20545
	1420	434	35				200	Mix 125 SA-Z coment @ 15,3 pgg
`	1435							Drop latch down plug
				A			3	\$00
	N.						\	wash pump flixes
	1436	631					200	Displace Plug
	,,,,,,	634	95	,			900	
	1500	634	106				1500	LAND Plug
		- Toron of the second						110
	1503							Release pressure to truck - dried up
	1510			-				wash truck
							•	DOM: 0
								RACK UP
	1545							Job complete
	נדעו							A
								Them Brins, Dorin Flim

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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

February 16, 2012

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

Re: ACO1 API 15-135-25311-00-00 Mantz 9-3 NW/4 Sec.09-18S-21W 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, Henry N. Clanton

# ALLIED CEMENTING CO., LLC. 038358 Federal Tax 1.D.# 20-5975804

REMIT TO P.O. I RUSS	BOX 31 SELL, KAN	NSAS 676	65		SER	VICE POINT:	usell_
DATE 11/1/11	SEC. 9	TWP.	RANGE 2/ W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Mante	WELL#	9-3	LOCATION DAZI	VE IE YN	Eich	COUNTY	STATE
OLD OF NEW (C				1.			
CONTRACTOR			Right 2	OWNER			
TYPE OF JOB HOLE SIZE	Surtac	T.D		CEMENT			
CASING SIZE			РТН <i>310.</i> ′		DERED _ 20	20 Can 3	2 CC
TUBING SIZE			PTH	25	601		
DRILL PIPE		DE	HTY				
TOOL			PTH	-	<b>.</b>		_ 2 00_
PRES. MAX		MIN	NIMUM	_ COMMON	200		- 3250°°
MEAS, LINE	NI CCC (		DE JOINT 42 85			_@	85 00
CEMENT LEFT II PERFS.	in Cou.	70, 03		_ GEL CHLORIDE		_ @ <i>21,25</i> _	407,40
DISPLACEMENT	17	661		_ ASC		_ @ <u></u>	
		JIPMENT				@	
	EQU	OII WIESTVI				@	
PUMP TRUCK	CEMENT	ED C Th	<u>/                                    </u>			@	
	HELPER					@	
BULK TRUCK	HELI LK	/ 04	<u> </u>	_			
# 5/5/	DRIVER	Code		*		_@	
BULK TRUCK						@ 	_
#	DRIVER			- HANDLING_	311	_ @ <del>- 21.21-</del>	474.75
					11/ck/mile		371,36
	RE	MARKS:					4588,51
K. (1) OL			- Ren Pipe			IOIA	L <u>75 - 47 5 7</u>
to Bolton			ulotion		SERVI	ICE .	
Mixal 2			o land		SERVI		
17/11	00 07-2		John Committee C	DEPTH OF JO	В ,		
		,		_ PUMP TRUCK			/125,w
Candes	Phs	<u> </u>	400 ps:	EXTRA FOOT		@	<u>, ,</u>
			· / / /	MILEAGE	16	@ <u>Zre</u>	112.00
LEM	or F	<u> </u>	culatel"	- MANIFOLD _		@	
						@	
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CHARGE TO:	tres 1	ENers	<u>y</u>	_			19.1.
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CITY	\$1	AIE	ZIP	_	PLUG & FLOA	T EQUIPME	NT
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			The kil			· @	
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To Allied Cemer	nting Co	LLC.		1-Bai	Ule, Plate		84,00
			menting equipment	My	/ Wood	@	64,00
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			of owner agent or			TOTA	L 283 00
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,			•	TOTAL CHAR	GES 6/7	72,5/	
PRINTED NAME	7 .						אר וענ זען בען
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SIGNATURE (	2 fm	arn	Ruster	· 			



# DRILL STEM TEST REPORT

ARES Energy LTD

18-21-9 Ness, Ks

405 N. Marienfeld Ste. 250

Mantz 9-3

Midland, TX 79701

Job Ticket: 44731 **DST#:4** 

ATTN: Justin Carter

Test Start: 2011.11.09 @ 00:12:17

# GENERAL INFORMATION:

Formation: Miss

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

Time Tool Opened: 02:36:47 Tester: Brian Fairbank

Time Test Ended: 08:39:17 Unit No:

Interval: 4275.00 ft (KB) To 4286.00 ft (KB) (TVD) Reference Elevations: 2221.00 ft (KB)

Total Depth: 4286.00 ft (KB) (TVD) 2213.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 166.64 psig @ 4278.00 ft (KB) Capacity: 8000.00 psig

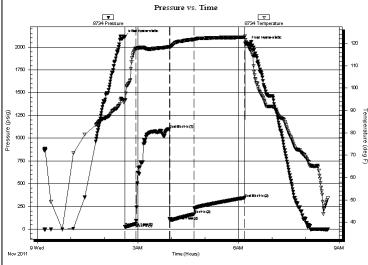
 Start Date:
 2011.11.09
 End Date:
 2011.11.09
 Last Calib.:
 2011.11.09

 Start Time:
 00:12:18
 End Time:
 08:39:17
 Time On Btm:
 2011.11.09 @ 02:35:17

 Time Off Btm:
 2011.11.09 @ 06:16:17

TEST COMMENT: IFP - BOB 20 min

ISI - 5 1/2" blow back FFP - BOB 21 min FSI - BOB 66 min



		PI	KESSUK	E SUMMARY
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2113.75	94.10	Initial Hydro-static
	2	25.51	94.38	Open To Flow (1)
	21	59.59	117.58	Shut-In(1)
7	81	1101.94	118.38	End Shut-In(1)
Temperature	82	96.20	118.06	Open To Flow (2)
et ire	125	166.64	121.72	Shut-In(2)
neb)	215	344.55	122.71	End Shut-In(2)
פ	221	2039.38	118.68	Final Hydro-static

DDESCLIDE CLIMMADV

## Recovery

Length (ft)	Description	Volume (bbl)
405.00	GMW 5%G, 90%W, 5%M	5.68
60.00	OCMW 10%O, 50%W, 40%M	0.84
75.00	FREE OIL 95%O, 5%M	1.05
0.00	230' GIP	0.00
* Recovery from mul-	tiple tests	

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

Trilobite Testing, Inc Ref. No: 44731 Printed: 2011.11.09 @ 09:46:36



# DRILL STEM TEST REPORT

**FLUID SUMMARY** 

ARES Energy LTD

18-21-9 Ness, Ks

405 N. Marienfeld Ste. 250 Midland, TX 79701 Mantz 9-3

Job Ticket: 44731

DST#: 4

ATTN: Justin Carter

Test Start: 2011.11.09 @ 00:12:17

# **Mud and Cushion Information**

Mud Type:Gel ChemCushion Type:Oil A Pl:44 deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:36000 ppm

Mud Weight:9.00 lb/galCushion Length:ftViscosity:55.00 sec/qtCushion Volume:bbl

Water Loss: 8.78 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 8300.00 ppm Filter Cake: inches

# **Recovery Information**

# Recovery Table

Length ft	Description	Volume bbl
405.00	GMW 5%G, 90%W, 5%M	5.681
60.00	OCMW 10%O, 50%W, 40%M	0.842
75.00	FREE OIL 95%O, 5%M	1.052
0.00	230' GIP	0.000

Total Length: 540.00 ft Total Volume: 7.575 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 44731 Printed: 2011.11.09 @ 09:46:37

Trilobite Testing, Inc

Ref. No.

44731

Printed: 2011.11.09 @ 09:46:37