

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1173157

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM (Coal Bed Methane)
☐ Cathodic ☐ Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: _____
☐ Dual Completion Permit #: _____
☐ SWD Permit #: _____
☐ ENHR Permit #: _____
☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

_____ Feet from ☐ North / ☐ South Line of Section

_____ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
List All E. Logs Run:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used </div> <div style="text-align: center;">Report all strings set-conductor, surface, intermediate, production, etc.</div>							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	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	Bbbs.	Gas	Mcf	Water	Bbbs.	Gas-Oil Ratio	Gravity

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p>		<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i></p> <p><input type="checkbox"/> Other <i>(Specify)</i> _____</p>	<p>PRODUCTION INTERVAL:</p> <p>_____</p> <p>_____</p>
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LEIS OIL SERVICES

1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752



Operator License #: 30345	API #: 15-207-28713-00-00
Operator: Piqua Petro, Inc.	Lease: Karen's Farm
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 2-13
Phone: (620) 433-0099	Spud Date: 10-1-13 Completed: 10-3-13
Contractor License: 34036	Location: SW-NW-NW-NE of 10-24-17E
T.D. : 1266 T.D. of Pipe: 1262 Size: 2.875"	600 Feet From South
Surface Pipe Size: 7" Depth: 22'	2440 Feet From East
Kind of Well: Oil	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
6	Soil	0	6	4	Lime	758	762
2	Sand/Gravel	6	8	3	Black Shale	762	765
9	Clay	8	17	14	Shale	765	779
36	Lime	17	53	7	Lime	779	786
114	Shale	53	167	16	Shale	786	802
11	Lime	167	178	4	Lime	802	806
5	Shale	178	183	5	Shale	806	811
5	Lime	183	188	3	Black Shale	811	814
8	Shale	188	196	3	Shale	814	817
10	Lime	196	206	3	Lime	817	820
4	Shale	206	210	2	Black Shale	820	822
62	Lime	210	272	4	Shale	822	826
61	Shale	272	333	5	Broken Oil Sand	826	831
73	Lime	333	406	21	Shale	831	852
8	Shale/Black Shale	406	414	1	Lime	852	853
23	Lime	414	437	2	Shale	853	855
3	Black Shale	437	440	1	Lime	855	856
17	Lime	440	457	318	Shale	856	1174
172	Shale	457	629	2	Coal	1174	1176
4	Lime	629	633	7	Shale	1176	1183
18	Shale	633	651	6	Soft Lime	1183	1189
9	Lime	651	660	2	Coal	1189	1191
68	Shale	660	728	27	Lime	1191	1218
2	Lime	728	730	4	Oil/odor/bleed	1218	1222
2	Shale	730	732	44	Lime	1222	1266
5	Lime	732	737				
5	Shale	737	742		T.D.		1266
4	Lime	742	746		T.D. of Pipe		1262
12	Shale	746	758				



Leis Oil Services, LLC

1410 150th Rd
Yates Center, KS 66783

Invoice

Date	Invoice #
10/6/2013	1014

Bill To
Piqua Petro, Inc. 1331 Xylan Rd Piqua, KS 66761

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
1,266	Karen's Farm 2-13	6.25	7,912.50
10	Cement for Surface *	12.60	126.00
1	Drill Pit	100.00	100.00
1	Drill Bit Charge	600.00	600.00
1,253	Woods Ellis	6.25	7,831.25
10	Cement for Surface	12.60	126.00
1	Drill Pit	100.00	100.00
1	Drill Bit Charge	600.00	600.00
1,243	Sovoboda 40-13	6.25	7,768.75
1	Drill Pit	100.00	100.00
1	Drill Bit Charge	600.00	600.00
1,247	Sovoboda 39-13	6.25	7,793.75
1	Drill Pit	100.00	100.00
1	Drill Bit Charge	600.00	600.00
Total			\$34,358.25

Handwritten notes:
BQ
4407
10/8/13
A circled checkmark is next to the total amount.

CONSOLIDATED
ON WELL SERVICES, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

ENTERED

TICKET NUMBER 45017 ✓
LOCATION Eureka
FOREMAN Stewart

FIELD TICKET & TREATMENT REPORT CEMENT

620-431-9210 or 800-467-8676		CEMENT					
DATE	CUSTOMER #	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
10-3-13	4950	Karen Farm # 2-13					Woodson
CUSTOMER							
Piqua Petroleum							
MAILING ADDRESS							
1331 xylan Rd							
CITY	STATE	ZIP CODE					
Piqua	KS	66761					
JOB TYPE 1/5		HOLE SIZE 5 3/8		HOLE DEPTH 1266'		CASING SIZE & WEIGHT	
CASING DEPTH 1263		DRILL PIPE		TUBING 2 7/8		OTHER	
SLURRY WEIGHT		SLURRY VOL		WATER gal/sk		CEMENT LEFT In CASING	
DISPLACEMENT 2.50 bbl/s		DISPLACEMENT PSI 300*		SUMO Pump PSI 800*		RATE	

DISPLACEMENT 7.50 bbls DISPLACEMENT PSI 200
REMARKS: Safety Meeting: Rig up to 2" tubing. Mix 1250 # Gel Gel up hole.
Circulate Gel around Pipe For 1 hr. Pump 3 bbls water spacer Mix
2000s Thick Set Cement

[illegible]

Flavin 3737

AUTHORIZATION by Greg Haire

TITLE owner

DATE _____

AUTHORIZATION by Greg H. A. R. TITLE State Rep.

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this

Hurricane Services, Inc.
3613 A Y Road
Madison, KS 66860
620-437-2661

Ticket Number 06089
Location _____
Foreman W. A. #392

Acid Service Ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
11/15/13		KAROUS FARMS 2-13		WY
Customer		Mailing Address	City	State Zip
ADAM PETRO				KS

Well Data		Truck #	Driver	Truck #	Driver
Casing Size 2 7/8	Total Depth 1254	303/320	CLAYTON		
Casing Weight	Plug Depth		RODGER		
Tubing Size	Packer Depth		JUSTIN		
Tubing Weight	Open Hole	392/310	ZACH		
Perfs 1217-1225	17				
Break PSI	Max PSI				
Treat PSI	ISIP				
Quantity	Acid	Additives Used	Charge		
1	303	Pump Charge		725 ⁻⁰⁰	
800	15%	Acid with inhibitor		1560 ⁻⁰⁰	
		Mud Acid			
2 1/2		NE-320		5925	
1 3/4		FSW-4100		39 ²⁰	
		Iron Stay			
		Bachside			
		Clay Stay			
2		KCL		52 ⁶⁰	
1		Biocide		38 ⁻⁰⁰	
		Gel			
		Breaker			
13	7/8 1.3 sp	Ball Sealers		22 ²⁵	
1		Ball Gun		50 ⁻⁰⁰	
35	303	Pump truck Mileage		113 ²⁵	
1	320	Acid Transport		150 ⁻⁰⁰	
1	310	Acid Spotter		300 ⁻⁰⁰	
35	392	Pickup Mileage		52 ⁵⁰	
		80 Vac			
		Transport			
				# BOD PRICED	
				Total 3164 ²⁵	

Remarks: SPOT 100 GAL in PUMPS. RIG UP LUGS & BREAK. 900 ASST.
EST. RATE 4.2 GPM @ 550. START 700 GAL 15% NE-HLL AND 13 BALLS.
PST UP 700. FUSH ACROSS 20 BGL. ISIP 400. WAIT 20 min & FLOW
BACK.

Customer Signature