

KANSAS CORPORATION COMMISSION  
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**

**ORIGINAL**

OPERATOR: License # 32278  
Name: Tengasco, Inc.  
Address 1: PO Box 458  
Address 2: 1327 Noose Rd  
City: Hays State: KS Zip: 67601 + 9744  
Contact Person: Gary Wagner  
Phone: (785) 625-6374  
CONTRACTOR: License # 33493  
Name: American Eagle Drilling LLC  
Wellsite Geologist: Mike Bair  
Purchaser: N/A

API No. 15 - 163-24027-00-00  
Spot Description: \_\_\_\_\_  
S2 SW NW SW Sec. 34 Twp. 8 S. R. 19  East  West  
1,485 Feet from  North /  South Line of Section  
330 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Rooks  
Lease Name: Amrein Well #: 2  
Field Name: Webster

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.): \_\_\_\_\_

Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1970 Kelly Bushing: 1977  
Total Depth: 3500 Plug Back Total Depth: surface  
Amount of Surface Pipe Set and Cemented at: 263' 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.

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 #: \_\_\_\_\_

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 52000 ppm Fluid volume: 1200 bbls  
Dewatering method used: Hauled to SWD  
Location of fluid disposal if hauled offsite:  
Operator Name: Tengasco, Inc.  
Lease Name: Mosher License #: 32278  
Quarter SW Sec. 33 Twp. 8 S. R. 18  East  West  
County: Rooks Permit #: D-20,839

4-17-12	4-22-12	4-23-12
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: Gary Wagner  
Title: Production Manager Date: 5-16-12

**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: Dlg Date: 5/22/12

Operator Name: Tengasco, Inc. Lease Name: Amrein Well #: 2  
 Sec. 34 Twp. 8 S. R. 19  East  West County: Rooks

**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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
 (If no, Submit Copy)

List All E. Logs Run:

Dual Induction, Density Neutron/PE, Micro

<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1390	+587
Topeka	2930	-953
Heebner	3139	-1162
Toronto	3163	-1186
	3179	-1202

**RECEIVED**  
**MAY 17 2012**

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	12-1/4"	8-5/8"	23#	263'	Com	170	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 (Amount and Kind of Material Used)	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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input checked="" type="checkbox"/> Other (Specify) <u>D&amp;A</u>	<b>PRODUCTION INTERVAL:</b> <u>Dry Hole</u>
---	--	--

# ALLIED OIL & GAS SERVICES, LLC 056945

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

SERVICE POINT:  
Russell

DATE <u>4.23.12</u>	SEC <u>34</u>	TWP <u>8s</u>	RANGE <u>19w</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00</u>	JOB FINISH <u>2:30</u>
LEASE <u>American</u>	WELL # <u>2</u>	LOCATION <u>Zurich S.2N E into</u>			COUNTY <u>Roberts</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR American Gas #2

TYPE OF JOB plug

HOLE SIZE 7 7/8 T.D. 3500

CASING SIZE 8 7/8 DEPTH 263

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 230 lb 60/40  
4% Gel # 60/40 gel

COMMON	<u>138</u>	@	<u>16.25</u>	<u>2242.50</u>
POZMIX	<u>92</u>	@	<u>8.30</u>	<u>763.60</u>
GEL	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE		@		
ASC		@		
<u>Flow gel 2</u>	<u>1000</u>	@	<u>2.70</u>	<u>270.00</u>
HANDLING	<u>240</u>	@	<u>2.25</u>	<u>540.00</u>
MILEAGE	<u>13.600 x</u>	"		<u>1504.80</u>
TOTAL				<u>5,509.90</u>

EQUIPMENT

PUMP TRUCK CEMENTER 1000

# 409 HELPER 1 only

BULK TRUCK

# 473 DRIVER 1 only

BULK TRUCK

# DRIVER

REMARKS:

mixed 60/40 4% gel 230 lb #1 @ 16.25 = 3735.00  
pl 2 3400, 25 lb cement displaced 4600 gal mud  
pl 2 1400, 25 lb cement displaced 1800 gal mud  
pl 3 700, 25 lb cement displaced 1000 gal mud  
pl 4 315, 40 lb cement displaced 1260 gal mud  
pl 5 140, 10 lb cement displaced 140 gal mud  
Flow Gel 2 @ 1000 = 270.00  
Handling 240 @ 2.25 = 540.00  
Mileage 13.600 x 11 = 1504.80  
Thanks!

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1230.00</u>
EXTRA FOOTAGE	@			
MILEAGE m/hv	<u>57</u>	@	<u>7.00</u>	<u>399.00</u>
MANIFOLD	@			
<u>m/hv</u>	<u>57</u>	@	<u>4.00</u>	<u>228.00</u>
TOTAL				<u>1877.00</u>

CHARGE TO: Kungo 360

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			
TOTAL				<u>0</u>

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 contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Kirk F Danning

SIGNATURE Kirk F Danning

SALES TAX (If Any)	<u>465.33</u>
TOTAL CHARGES	<u>7,780.90</u>
DISCOUNT <u>20/10</u>	<u>2116.80</u> IF PAID IN 30 DAYS

RECEIVED  
MAY 17 2012  
KCC WICHITA

# ALLIED OIL & GAS SERVICES, LLC 056942

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

SERVICE POINT:

Ridge

DATE <u>4.18.12</u>	SEC <u>34</u>	TWP <u>B3</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30</u>	JOB FINISH <u>5:00</u>
LEASE <u>Amrain</u>	WELL # <u>2</u>	LOCATION <u>Zurich 6N Kirk</u>	COUNTY <u>Rice</u>	STATE <u>K3</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>American Logic #2</u>	OWNER
TYPE OF JOB <u>Sinks</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>263</u>
CASING SIZE <u>8 1/2</u>	DEPTH <u>263</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>15'</u>
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>15.75 gal</u>	
CEMENT	AMOUNT ORDERED <u>170 sk 31-LK 27.6cl</u>
COMMON <u>170</u>	@ <u>16.25</u> <u>2762.50</u>
POZMIX	@
GEL <u>3</u>	@ <u>21.25</u> <u>63.75</u>
CHLORIDE <u>6</u>	@ <u>58.20</u> <u>349.20</u>
ASC	@

EQUIPMENT

PUMP TRUCK # <u>409</u>	CEMENTER <u>Walt + Bob</u>
	HELPER <u>Wadey</u>
BULK TRUCK # <u>401</u>	DRIVER <u>Cody</u>
BULK TRUCK #	DRIVER

HANDLING <u>179</u>	@ <u>2.25</u>	<u>402.75</u>
MILEAGE <u>179 x 6.0</u>		<u>1074.00</u>
TOTAL		<u>4776.75</u>
		<u>4759.60</u>

REMARKS:

rig ran 3 1/2 hrs get hung up. Had to pull out and start rig the hole  
establish circulation, mix 170 sk 31-LK 27.6cl @ 15.2#, Displaced 15.75 gal shot in well.  
Cement DID circulate to surface  
THANKS!

SERVICE

DEPTH OF JOB <u>263'</u>	
PUMP TRUCK CHARGE	<u>1,125.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>179 x 6.0</u>	@ <u>24.00</u> <u>420.00</u>
MANIFOLD <u>179 x 6.0</u>	@ <u>4.00</u> <u>716.00</u>
TOTAL	<u>1785.00</u>

RECEIVED  
MAY 17 2012  
KCC WICHITA

CHARGE TO: fungasco

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL 1785.00

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 contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

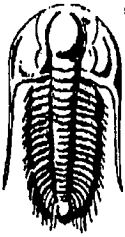
SALES TAX (If Any) 200.05

TOTAL CHARGES 1544.60 ~~1785.00~~

DISCOUNT 20/50 1861.34 IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Tengasco inc  
PO Box 458  
Hays Ks. 67601+9744  
ATTN: Rod Tremblay

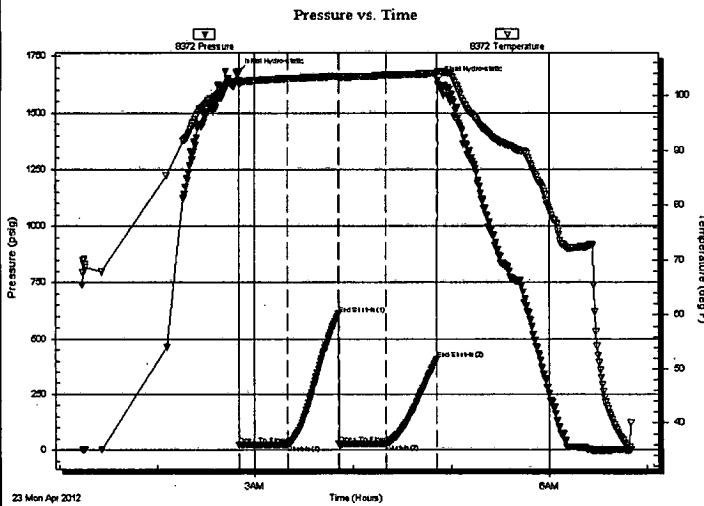
**34-8s-19w Rooks**  
**Amrein#2**  
Job Ticket: 47264      DST#: 1  
Test Start: 2012.04.23 @ 01:14:05

### GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 02:50:50  
Time Test Ended: 06:49:50  
Interval: **3380.00 ft (KB) To 3436.00 ft (KB) (TVD)**  
Total Depth: **3500.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair  
Test Type: Conventional Straddle (Initial)  
Tester: Andy Carreira  
Unit No: 39  
Reference Elevations: 1977.00 ft (KB)  
1970.00 ft (CF)  
KB to GR/CF: 7.00 ft

**Serial #: 8372**      Outside  
Press@RunDepth: 27.27 psig @ 3387.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.04.23      End Date: 2012.04.23      Last Calib.: 2012.04.23  
Start Time: 01:14:05      End Time: 06:49:50      Time On Btm: 2012.04.23 @ 02:50:10  
Time Off Btm: 2012.04.23 @ 04:51:40

**TEST COMMENT:** IF:(30min) Blow Died in 15 min  
ISl:(30min) No Return  
FF:(30min) No Blow  
FSl:(30min) No Return



### PRESSURE SUMMARY

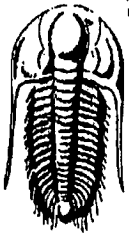
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1679.35	102.70	Initial Hydro-static
1	22.19	102.04	Open To Flow (1)
31	23.09	103.07	Shut-In(1)
62	609.87	103.50	End Shut-In(1)
62	25.32	103.20	Open To Flow (2)
91	27.27	103.72	Shut-In(2)
122	407.25	104.01	End Shut-In(2)
122	1643.62	104.41	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Tengasco inc  
PO Box 458  
Hays Ks. 67601+9744  
ATTN: Rod Tremblay

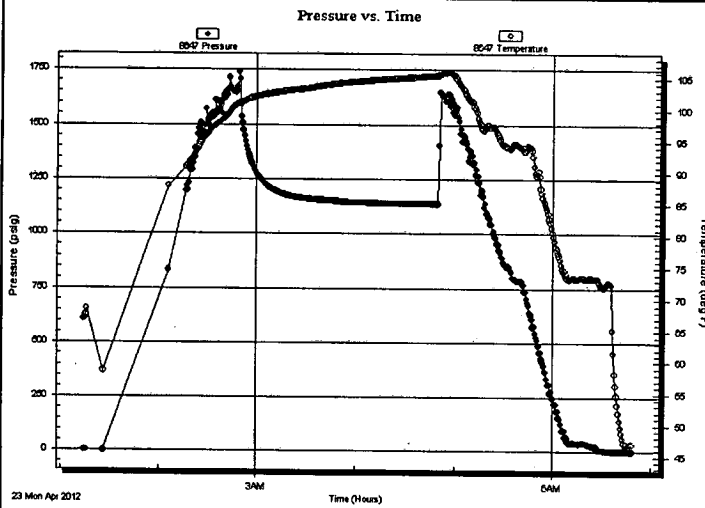
**34-8s-19w Rooks**  
**Amrein#2**  
Job Ticket: 47264      **DST#: 1**  
Test Start: 2012.04.23 @ 01:14:05

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 02:50:50  
Time Test Ended: 06:49:50  
Interval: **3380.00 ft (KB) To 3436.00 ft (KB) (TVD)**  
Total Depth: 3500.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Straddle (Initial)  
Tester: Andy Carreira  
Unit No: 39  
Reference Elevations: 1977.00 ft (KB)  
1970.00 ft (CF)  
KB to GR/CF: 7.00 ft

**Serial #: 8647 Below (Straddle)**  
Press@RunDepth:                      psig @ 3443.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.04.23      End Date: 2012.04.23      Last Calib.: 2012.04.23  
Start Time: 01:14:05      End Time: 06:48:39      Time On Btm:  
Time Off Btm:

**TEST COMMENT:** IF:(30min) Blow Died in 15 min  
IS:(30min) No Return  
FF:(30min) No Blow  
FSI:(30min) No Return



## PRESSURE SUMMARY

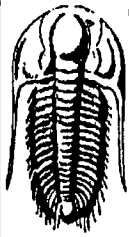
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
<p><b>RECEIVED</b> <b>MAY 17 2012</b> <b>KCC WICHITA</b></p>			

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Tengasco inc  
PO Box 458  
Hays Ks. 67601+9744  
ATTN: Rod Tremblay

**34-8s-19w Rooks**  
**Amrein#2**  
Job Ticket: 47264      **DST#: 1**  
Test Start: 2012.04.23 @ 01:14:05

**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: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

**RECEIVED**  
**MAY 17 2012**  
**KCC WICHITA**