

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32278
Name: Tengasco, Inc.
Address: PO Box 458
City/State/Zip: Hays, KS 67601
Purchaser: NCRA
Operator Contact Person: Gary Wagner
Phone: (785) 625-6374
Contractor: Name: American Eagle Rig #3
License: 33493
Wellsite Geologist: Mike Bair

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

1-10-08	1-19-08	2-28-08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 145-21568-00-00
County: Pawnee
C S/2 NW NE Sec. 24 Twp. 20 S. R. 16 East West
990 feet from (D) (circle one) Line of Section
1980 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Kroeker Well #: 1
Field Name: Pawnee Rock
Producing Formation: Arbuckle
Elevation: Ground: 2107' Kelly Bushing: 2107'
Total Depth: 3912' Plug Back Total Depth: 3846'
Amount of Surface Pipe Set and Cemented at 1117 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to Alt I - Dlg. w/ 6/23/08 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 16000 ppm Fluid volume 250 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: 4-17-08
Subscribed and sworn to before me this 18th day of April,
2008.
Notary Public: Linda K Pfannenstiel
Date Commission Expires: 2/5/2012

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received **RECEIVED**
 UIC Distribution KANSAS CORPORATION COMMISSION

APR 21 2008

NOTARY PUBLIC
Linda K. Pfannenstiel
NOTARY PUBLIC
STATE OF KANSAS
My App. Exp. 2/5/2012

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Tengasco, Inc. Lease Name: Kroeker Well #: 1
 Sec. 24 Twp. 20 S. R. 16 East West County: Pawnee

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 copy of all Electric Wireline 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 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 <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Neutron Density, PE, Micro CBL/GR	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1109</td> <td>+1003</td> </tr> <tr> <td>Topeka</td> <td>3166</td> <td>-1054</td> </tr> <tr> <td>Heebner</td> <td>3478</td> <td>-1316</td> </tr> <tr> <td>Toronto</td> <td>3455</td> <td>-1335</td> </tr> <tr> <td>Bm Ls</td> <td>3514</td> <td>-1402</td> </tr> <tr> <td>Lansing</td> <td>3522</td> <td>-1410</td> </tr> <tr> <td>BLKC</td> <td>3753</td> <td>-1641</td> </tr> <tr> <td>Arbuckle</td> <td>3806</td> <td>-1694</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	1109	+1003	Topeka	3166	-1054	Heebner	3478	-1316	Toronto	3455	-1335	Bm Ls	3514	-1402	Lansing	3522	-1410	BLKC	3753	-1641	Arbuckle	3806	-1694
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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	12-1/4"	8-5/8"	23#	1117'	Com	450	3%CC,2%Gel
Production	7-7/8"	5-1/2"	14#	3911'	ASC	175	10% Salt

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
4	3848-50'	250 gal 15% NeFE 380 bbl polymer	
	5-1/2" Wireline Cement Retainer @ 3846'		
6	3836-40'		

TUBING RECORD		Size 2-7/8"	Set At 3826'	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 2-28-08			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 13	Gas Mcf	Water Bbls. 157	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

RECEIVED
KANSAS CORPORATION COMMISSION

APR 21 2008

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

31019

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

SERVICE POINT:

M.B. 1-12-08

DATE <i>12-08</i>	SEC <i>24</i>	TWP. <i>20S</i>	RANGE <i>16W</i>	CALLED OUT <i>11:30 AM</i>	ON LOCATION <i>7:30 AM</i>	JOB START <i>12:00 PM</i>	JOB END <i>1:00 PM</i>
LEASEE <i>Kroeker</i>		WELL# <i>1</i>	LOCATION <i>Great Bend West 10 st</i>		COUNTY <i>Pawnee</i>	STATE <i>K.S.</i>	
OLD OR NEW (Circle one) <input checked="" type="checkbox"/> NEW			<i>13W 45 1/2 E S15</i>				

CONTRACTOR *American Eagle Rig 3* OWNER _____

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *1119 ft*

CASING SIZE *8 5/8* DEPTH *1117 ft*

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX *300 ft* MINIMUM *100 ft*

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. *40 ft*

PERFS. _____

DISPLACEMENT *68.6 bbl*

CEMENT

AMOUNT ORDERED *450 Common*
3000 2 1/2 gal

COMMON	<i>450</i>	@	<i>12.15</i>	<i>5467.50</i>
POZMIX		@		
GEL	<i>9</i>	@	<i>18.25</i>	<i>164.25</i>
CHLORIDE	<i>14</i>	@	<i>51.00</i>	<i>714.00</i>
ASC		@		

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KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION
WICHITA, KS

HANDLING	<i>473</i>	@	<i>2.05</i>	<i>969.65</i>
MILEAGE	<i>473.9.18</i>	@		<i>766.26</i>
			TOTAL	<i>8081.66</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Mike M.*

224 HELPER *Rick W.*

BULK TRUCK

357 DRIVER *Malen*

BULK TRUCK

_____ DRIVER _____

REMARKS:

9:30 AM Rig was still Drilling when get here

Start out of the Hole with Collars

9:35 AM Start in the Hole with surface 8 5/8, 1117 ft

Circulate the Hole with Rig mud pump

Cement did circulate to surface

300 ft

SERVICE

DEPTH OF JOB	<i>1117 ft</i>			
PUMP TRUCK CHARGE				<i>893.00</i>
EXTRA FOOTAGE	<i>817</i>	@	<i>.70</i>	<i>571.90</i>
MILEAGE	<i>18</i>	@	<i>7.00</i>	<i>126.00</i>
MANIFOLD		@		
<i>head rent</i>		@		<i>110.00</i>

CHARGE TO: *Tengasco Inc*

STREET *P.O. Box 458*

CITY *Hoys* STATE *K.S.* ZIP *67601*

TOTAL *1700.90*

PLUG & FLOAT EQUIPMENT

<i>1-8 5/8 Rubber Plug</i>	@		<i>110.00</i>
	@		
	@		
	@		
			TOTAL <i>110.00</i>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *Ray Wagner*

PRINTED NAME

Thank you

ALLIED CEMENTING CO., INC.

25533

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

SERVICE POINT:

Great Bend

DATE <i>1-19-08</i>	SEC. <i>24</i>	TWP. <i>20</i>	RANGE <i>16</i>	CALLED OUT <i>12:00AM</i>	ON LOCATION <i>1:00AM</i>	JOB START <i>5:00AM</i>	JOB FINISH <i>6:00AM</i>
LEASE <i>Kreker</i>	WELL # <i>1</i>	LOCATION <i>10th + patton road 13 west</i>			COUNTY <i>Pawnee</i>	STATE <i>Ka</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<i>4 south 1/2 east</i>			

CONTRACTOR *American Eagle*
 TYPE OF JOB *Longstring*
 HOLE SIZE *7 7/8* T.D. *3912'*
 CASING SIZE *5 1/2 New 14"* DEPTH *3912'*
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX *1300#* MINIMUM _____
 MEAS. LINE _____ SHOE JOINT *14'*
 CEMENT LEFT IN CSG. *14'*
 PERFS. _____
 DISPLACEMENT *95.1 BBLs H₂O*
 EQUIPMENT

G.B.
 PUMP TRUCK CEMENTER *J.A. Dineen*
 # *120* HELPER *Tyler Wintz*
 BULK TRUCK
 # *341* DRIVER *Kevin Weighous*
 BULK TRUCK
 # _____ DRIVER _____

OWNER *Tengasco Inc.*
 CEMENT
 AMOUNT ORDERED *175 ex ASC 2% gel*
10% salt
500 Gallon WFR II

COMMON	_____	@	_____	_____
POZMIX	_____	@	_____	_____
GEL	<i>3AY</i>	@	<i>18.25</i>	<i>54.75</i>
CHLORIDE	_____	@	_____	_____
ASC	<i>175 lb.</i>	@	<i>15.05</i>	<i>2633.75</i>
WERT II	<i>500 Gal.</i>	@	<i>1.10</i>	<i>550.00</i>
SALT	<i>11.04</i>	@	<i>21.00</i>	<i>231.00</i>
RECEIVED	_____	@	_____	_____
KANSAS CORPORATION COMMISSION	_____	@	_____	_____
APR 21 2008	_____	@	_____	_____
CONSERVATION DIVISION	_____	@	_____	_____
WICHITA, KS	_____	@	_____	_____
HANDLING	<i>200 gal</i>	@	<i>2.05</i>	<i>410.00</i>
MILEAGE	<i>200 x 1.09</i>	@	<i>18</i>	<i>324.00</i>
TOTAL	_____	_____	_____	<i>4203.50</i>

REMARKS:

Ran 5 1/2 new 14" casing to Bottom Pump ball + break circulation with rig mud. Hook to pump tub + mixed 580 gallon WFR II. Plug Rathole with 15 ex. Hook back to casing + mixed 160 ex ASC. Shut down wash pump + lines out. Hook back up + change valves over + release plug. Displace with 95.1 BBLs fresh H₂O float did hold. 1300#

CHARGE TO: *Tengasco Inc.*
 STREET *P.O. Box 458*
 CITY *Hays* STATE *Ka* ZIP *67601*

SERVICE

DEPTH OF JOB	<i>3912'</i>	_____	_____
PUMP TRUCK CHARGE	_____	_____	<i>1763.00</i>
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<i>18</i>	@	<i>7.00</i> <i>126.00</i>
MANIFOLD	_____	@	_____
Headrental	_____	@	<i>110.00</i> <i>110.00</i>
TOTAL	_____	_____	<i>1999.00</i>

PLUG & FLOAT EQUIPMENT

<i>5 1/2</i>	_____	@	_____	_____
<i>Insert</i>	_____	@	<i>285.00</i>	<i>285.00</i>
<i>Guide shoe</i>	_____	@	<i>186.00</i>	<i>186.00</i>
<i>5 Centralizers</i>	_____	@	<i>55.00</i>	<i>275.00</i>
<i>Rubber plug</i>	_____	@	<i>71.00</i>	<i>71.00</i>
TOTAL	_____	_____	_____	<i>817.00</i>

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TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *A Hays Payne*

PRINTED NAME