

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

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: P.O. Box 458
 City/State/Zip: Hays, KS 67601
 Purchaser: NCRA
 Operator Contact Person: Ed Glassman
 Phone: (785) 625-6374
 Contractor: Name: Anderson Drilling Co.
 License: 33237
 Wellsite Geologist: Ed Glassman
 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. _____

<u>8-17-2004</u>	<u>8-25-2004</u>	<u>9-13-2004</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 065-22997-00-00
 County: Graham Approx. 170' S. & 90' E. of
 NW NE NE Sec. 9 Twp. 10 S. R. 21 East West
500' feet from S (N) (circle one) Line of Section
900' feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: Lewis Well #: 3
 Field Name: Cooper
 Producing Formation: Arbuckle
 Elevation: Ground: 2281' Kelly Bushing: 2286'
 Total Depth: 3910' Plug Back Total Depth: 3878'
 Amount of Surface Pipe Set and Cemented at 245'@250' w/175 sxs Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1809' Feet
 Alternate II completion, cement circulated from 1809'
 feet depth to Surface (000) w/ 270 sx cmt.
ALTI WITHIN 2-12-07
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content 18,000 ppm Fluid volume 320 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.: _____

RECEIVED
SEP 24 2004

KCC WICHITA

KCC

SEP 24 2004

CONFIDENTIAL

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: E. Glassman
 Title: Geologist Date: 9-22-2004
 Subscribed and sworn to before me this 22 day of September,
 20 04.
 Notary Public: Linda K. Pfannenstiel
 Date Commission Expires: 2/5/08

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

LINDA K. PFANNENSTIEL
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. 2/5/08

✓

Operator Name: Tengasco Inc. Lease Name: Lewis Well #: 3
 Sec. 9 Twp. 10 S. R. 21 East West County: Graham

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 checked="" 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 , Compensated Neutron - Density , Dual receiver cement bond.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1754</td> <td>+532</td> </tr> <tr> <td>Topeka</td> <td>3286</td> <td>-1000</td> </tr> <tr> <td>Heebner</td> <td>3492</td> <td>-1206</td> </tr> <tr> <td>Lansing</td> <td>3531</td> <td>-1245</td> </tr> <tr> <td>B/KC</td> <td>3773</td> <td>-1487</td> </tr> <tr> <td>Arbuckle</td> <td>3810</td> <td>-1524</td> </tr> </table>	Name	Top	Datum	Anhydrite	1754	+532	Topeka	3286	-1000	Heebner	3492	-1206	Lansing	3531	-1245	B/KC	3773	-1487	Arbuckle	3810	-1524
Name	Top	Datum																				
Anhydrite	1754	+532																				
Topeka	3286	-1000																				
Heebner	3492	-1206																				
Lansing	3531	-1245																				
B/KC	3773	-1487																				
Arbuckle	3810	-1524																				

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	12.25"	8.625"	28#	250'	COM	175	3% CC; 2% GEL
Production	7.875"	5.5"	14#	3905'	ASC	165	2% GEL

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1809/Surface	POZ	275	60/40 6% GEL 1/4# Flo Seal

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4 SPF	3883 - 3885	None	
	CIBP set at 3878'		
4 SPF	3817 - 3819	None	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2.875"	3873'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Resumerd Production, SWD or Enhr.		Producing Method			
9-17-2004		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	80	None	20	na	26

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

ALLIED CEMENTING CO., INC. 18878

Federal Tax I.D.# 48-0727860

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>8-17-04</u>	SEC. <u>9</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT <u>5:30 PM</u>	ON LOCATION <u>6:30 PM</u>	JOB START <u>8:00 PM</u>	JOB FINISH <u>8:30 PM</u>
LEASE <u>Lewis</u>	WELL # <u>3</u>	LOCATION <u>CHURCH OF GOD 2 S</u>		COUNTY <u>GRAHAM</u>		STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1 1/4 W SS</u>			

CONTRACTOR A & A DRLG Rig #1 OWNER _____

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. ~~279~~ 255 CEMENT AMOUNT ORDERED 175 SK Com.

CASING SIZE 8 5/8 DEPTH 248' 2 90 GEL

TUBING SIZE _____ DEPTH _____ 3 90 CC

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 150 BBL

EQUIPMENT

PUMP TRUCK CEMENTER Shane

366 HELPER Shane

BULK TRUCK _____

378 DRIVER GARY

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

Cement CIRCULATED

THANK'S

CHARGE TO: TENGASCO INC,

STREET _____

CITY _____ STATE _____ ZIP _____

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.

SIGNATURE Ed Glasum

COMMON	<u>175</u>	@	<u>7⁸⁵</u>	<u>1373⁷⁵</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>11⁰⁰</u>	<u>33⁰⁰</u>
CHLORIDE	<u>5</u>	@	<u>33⁰⁰</u>	<u>165⁰⁰</u>
ASC		@		
HANDLING	<u>183</u>	@	<u>1³⁵</u>	<u>247⁰⁵</u>
MILEAGE	<u>54/5K/mile</u>			<u>622²⁰</u>
TOTAL				<u>2441⁰⁰</u>

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>570⁰⁰</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>68</u>	@	<u>4⁰⁰</u>	<u>272⁰⁰</u>
MANIFOLD		@		
<u>8 7/8 Plug</u>		@		<u>55⁰⁰</u>
TOTAL				<u>897⁰⁰</u>

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

Ed Glasum
PRINTED NAME

ALLIED CEMENTING CO., INC. 18899

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

Russell

DATE <u>9-3-04</u>	SEC.	TWP.	RANGE	CALLED OUT <u>6:00am</u>	ON LOCATION <u>8:45am</u>	JOB START <u>9:45am</u>	JOB FINISH <u>12:00</u>
LEASE <u>Lewis</u>	WELL # <u>3</u>	LOCATION <u>CHURCH OF GOD, 2S</u>			COUNTY <u>GARLAND</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>1 1/8 W 1/4 S.</u>			

CONTRACTOR Express Well Service OWNER _____
 TYPE OF JOB OPEN PORT COLLAR (CIRC CEMENT)
 HOLE SIZE _____ T.D. _____ CEMENT (LUSID 270 SK)
 CASING SIZE 5 1/2 DEPTH _____ AMOUNT ORDERED 400 SK 60/40 6% GEL
 TUBING SIZE 2 7/8 DEPTH _____ 1/4# FLO SEAL
 DRILL PIPE _____ DEPTH _____ PER SK.
 TOOL PORT COLLAR @ DEPTH 1809

PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 10 1/2 BBL

EQUIPMENT _____
 PUMP TRUCK CEMENTER GLENN
 # 366 HELPER SHANE
 BULK TRUCK _____
 # 378 DRIVER GARY
 BULK TRUCK _____
 # _____ DRIVER _____

COMMON	<u>162</u>	@	<u>785</u>	<u>127170</u>
POZMIX	<u>100</u>	@	<u>410</u>	<u>41000</u>
GEL	<u>1A</u>	@	<u>1100</u>	<u>15400</u>
CHLORIDE		@		
ASC		@		
FLOEAL	<u>68#</u>	@	<u>140</u>	<u>9520</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>420</u>	@	<u>135</u>	<u>56700</u>
MILEAGE	<u>5 1/2 / SK</u>	@	<u>MILE</u>	<u>136500</u>
TOTAL				<u>389500</u>

REMARKS:

PORT COLLAR @ 1809 Pressured CSG
To 1,000 ft (HELD) OPEN PORT COLLAR
& GOT VERY GOOD CIRCULATION, MIXED
270 SK CEMENT, & CEMENT CIRC.
AROUND ANNULUS, DISPLACE 9 1/2 BBL.
& CLOSED PORT COLLAR, RECHECK TO
1,000 ft (HELD). RAN 10 JTS &
WASHED CLEAN. THANK'S
10 ml out w/ tubing

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>70000</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>65</u>	@	<u>400</u> <u>26000</u>
MANIFOLD		@	
		@	
<u>5 1/2 OPENING TOOL</u>		@	<u>7500</u>
TOTAL			<u>103500</u>

CHARGE TO: TENGARCO. OIL & GAS
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL		_____

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 Ed Glassman

ED Glassman
 PRINTED NAME