## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL September 1999 Form Must Be Typed

CONSERVATION DIVISION WICHITA, KS

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32278	API No. 15 - 141-20375-00-00
Name: Tengasco, Inc.	County: Osborne
Address: PO Box 458	NE_SE_NWSec. 3 Twp. 10 S. R. 15 ☐ East ✓ West
City/State/Zip: Hays, KS 67601	1490 feet from S / (circle one) Line of Section
Purchaser: Coffeyville Resources	2240 feet from E / W (circle one) Line of Section
Operator Contact Person: Gary Wagner	Footages Calculated from Nearest Outside Section Corner:
Phone: (	(circle one) NE SE (IW) SW
Contractor: Name: Murfin Drlg, Rig #16	Lease Name: Hobrock Well #: 5
License: 30606	Field Name: Hobrock Extension
Wellsite Geologist: Mike Bair/Rod Tremblay	Producing Formation: LKC
	Elevation: Ground: 1890' Kelly Bushing: 1895'
Designate Type of Completion:  New Well Re-Entry Workover	Total Depth: 3750' Plug Back Total Depth: 3727'
	Amount of Surface Pipe Set and Cemented at 1130' Feet
	Multiple Stage Cementing Collar Used?
Gas ENHR SIGW	If yes, show depth setFeet
Dry Other (Core, WSW, Expl., Cathodic, etc)	If Alternate II completion, cement circulated from
If Workover/Re-entry: Old Well Info as follows:	feet depth to
Operator:	• •
·	Drilling Fluid Management Plan  ACT I With
Original Comp. Date: Original Total Depth:	Chloride content 12000 ppm Fluid volume 120 bbls
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Total Depth	Dewatering method used Hobrack Hauled To SWD
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name: _Tengasco, Inc
Other (SWD or Enhr.?) Docket No	Lease Name: Mosher #2 SWD License No.: 32278
7-06-07 7-13-07 8-04-07	Quarter SW Sec. 33 Twp. 8 S. R. 18 East V West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Rooks Docket No.: D-20839
	Docker No.
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	3, 50, 50, 50, 50, 50, 50, 50, 50, 50, 50
Sand Day	KCC Office Use ONLY
Signature: State Wagner	A I
Title: Production Manager Date: 01-08-08	Letter of Confidentiality Received
Subscribed and sworn to before me this 8th day of Qan	If Denied, Yes Date:
20 <u>0</u> 8.	Wireline Log Received
0	Geologist Report Received RECEIVED
Notary Public: Sincla Kolomone (W)	UIC Distribution KANSAS CORPORATION COMMISS
Date Commission Expires: U 215/04	IAAI n a anno
	LINDA K. PFANNENSTIEL JAN 0 9 2008
	MOTARY PUBLIC CONSERVATION DIVISION STATE OF KANSAS WICHITA KS

My Appl Exp. 215108

Operator Name: Tengasco, Inc. Hobrock Well #: Lease Name: County: Osborne S. R. 15 East West 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. Formation (Top), Depth and Datum **✓** Log No ✓ Yes **Drill Stem Tests Taken** (Attach Additional Sheets) Datum Top Name 1128 +769' Samples Sent to Geological Survey Anhydrite -793' 2690' **✓** No Yes Tarkio Cores Taken No -946' ✓ Yes 2843' Electric Log Run Topeka (Submit Copy) -1181 3078' Heebner -1206' List All E. Logs Run: 3102' **Toronto** -1237 3134' LKC Dual Induction, Neutron Density, Micro, -1527 3424 Marmaton Sonic, CBL/GR -1789 3686 Arbuckle ✓ New Used CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc. Type and Percent # Sacks Weight Setting Type of Size Casing Size Hole Purpose of String Additives Used Set (In O.D.) Lbs. / Ft. Depth Cement Drilled 3%CC,2%Gel 450 1130 Com 8-5/8" 24# Surface 12-1/4" 14# 3747 **ASC** 175 5-1/2" Production 7-7/8" ADDITIONAL CEMENTING / SQUEEZE RECORD Depth #Sacks Used Type and Percent Additives Purpose: Type of Cement Top Bottom Perforate Protect Casing Plug Back TD. Plug Off Zone Acid, Fracture, Shot, Cement Squeeze Record PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Depth Specify Footage of Each Interval Perforated 500 gal 15% NeFe 6 3300-3302' Liner Run Set At Packer At **TUBING RECORD** Size ✓ No Yes 3701 2-7/8" Date of First, Resumerd Production, SWD or Enhr. **Producing Method** Gas Lift Other (Explain) Flowing ✓ Pumping 8-14-07 Gravity Water Bbls Gas-Oil Ratio Bbls. Gas Mcf Oil **Estimated Production** Per 24 Hours 2 20 **Production Interval** METHOD OF COMPLETION Disposition of Gas Open Hole ✓ Perf. Dually Comp. Commingled Vented Sold Used on Lease (If vented, Submit ACO-18.) Other (Specify) RECEIVED KANSAS CORPORATION COMMISSION

JAN 0 9 2008

	ITINIC CO. INIC	01040
ALLIED CEIVEN Federal Tax I.I	ITING CO., INC.	21940
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT:	-07
DATE 7 - 13 - 07 SEC. 3 TWP. RANGE C	ALLED OUT ON LOCATION JOB START	JOB FINISH
LEASE BOBROCK WELL # 5 LOCATION Natom DLD OR (NEW) (Circle one)	E E E EDGE OSBORNE	STATE KANSAS
CONTRACTOR MUREIN DOLO, Right 16	OWNER OWNER	
TYPE OF JOB PRODUCTION STRING T.D. 3748	CEMENT	Ma
CASING SIZE 513 NOW DEPTH 3747 TUBING SIZE 14 # DEPTH	AMOUNT ORDERED 2005K	
DRILL PIPE DEPTH TOOL AFIL TUSEAT DEPTH 3729	500 GAL WFR-2 FINSH	
PRES. MAX MINIMUM	COMMON@	
MEAS. LINE SHOE JOINT 18.38	POZMIX@	
CEMENT LEFT IN CSG. 18,38 PERFS.	GEL @@	·
DISPLACEMENT 9/ /BBL	ASC @	
EQUIPMENT / BE	AGE	-
	RECEIVED @ KANSAS CORPORATION COMMISSION	
PUMP TRUCK CEMENTER GARY	JAN 0 9 2008 @	
BULK TRUCK	CONSERVATION DIVISION @	
BULK TRUCK	WICHITA, KS @	<del></del>
DRIVER		
	HANDLING @@	
REMARKS:	TOTAL	· · · · · · · · · · · · · · · · · · ·
LAND Dug@ 1000#	SERVICE	
FIDAT HELD!	DEPTH OF JOB	
10-0-1	PUMP TRUCK CHARGE	
15 SK& Kattole	EXTRA FOOTAGE@	
10 SK & MOUSE HOLE THANK S	MILEAGE <b>3 3</b> @ @ @	
	@	
CHARGE TO: TENGASCO OIL & GAS		
STREET	TOTAL	
CITYSTATEZIP	PLUG & FLOAT EQUIPMEN	
	Guibe Shoe	
	AFYINSFRT @ S Centralizers @	
To Allied Cementing Co., Inc.	TRP Plug. @	
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	TOTAL	
contractor. I have read & understand the "TERMS AND	TAX	*
CONDITIONS" listed on the reverse side.		
	TOTAL CHARGE	<u> </u>
	DISCOUNT IF PAIL	O IN 30 DAYS

Hay Wagner

PRINTED NAME

## GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- —TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- —ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.
- —PRICES AND TAXES: All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.
- —TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.
- —PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.
- —DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
- —SERVICE CONDITIONS AND LIABILITIES: 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.
- WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
  - 2. More specifically:
- (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.
- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

# ALLIED CEMENTING CO., INC. 31690

REMIT TO P.O. BOX 31	SERVICE POINT:
RUSSELL, KANSAS 67665	Rossell
DATE >- 7 07 SEC. TWP. RANGE	CALLED OUT ON LOCATION JOB START JOB FINISH
LEASE Holisch WELL# 5 LOCATION No. 1.	COUNTY STATE
AND MAN AND AND AND AND AND AND AND AND AND A	Phones.
OLD OR NEW (Circle one)	1- A 1.
CONTRACTOR Mark. Drilling Rig #/6	OWNER
TYPE OF JOB	CEMENT
HOLE SIZE 12 /4 T.D. //3/ CASING SIZE 7 29 DEPTH //35	AMOUNT ORDERED 450 Con 39 CC
	AMOUNT ORDERED 770 Car. 02.
TUBING SIZE DEPTH DRILL PIPE DEPTH	
TOOL DEPTH PRES. MAX MINIMUM	COMMON@
MEAS. LINE SHOE JOINT 325	POZMIX @
CEMENT LEFT IN CSG. 32.5	GEL @
PERFS.	CHLORIDE @
DISPLACEMENT 7014 44/	ASC
	Abe
EQUIPMENT	<u></u>
	RECEIVED KANSAS CORPORATION COMMISSION @
PUMP TRUCK CEMENTER 5	KANSAS CORPORATION COMMISSION
# 366 HELPER Solve Ocherts	
BULK TRUCK	@
# 362 DRIVER Chris Beck	CONSERVATION DIVISION @
BULK TRUCK	WICHITA, KS @
# DRIVER	HANDLING @
	MILEAGE
REMARKS:	TOTAL
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	CEDVICE
	SERVICE
	DEDUTE OF IOD
	DEPTH OF JOB PUMP TRUCK CHARGE
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	EXTRA FOOTAGE @ MILEAGE @
	MANIFOLD@
	<u>@</u>
- Andrews	
CHARGE TO: Zenses	
STREET	TOTAL
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	FLUG & FLOAT EQUIFMENT
	F/F Bable Alake @
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To Allied Cementing Co., Inc.	875 Ashber Alay @
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- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
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- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.
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