

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5393
Name: A. L. Abercrombie, Inc.
Address 150 N. Main, Ste 801
City/State/Zip Wichita, KS 67202
Purchaser: _____
Operator Contact Person: Mark Galyon
Phone (316) 262-1841
Contractor: Name: Abercrombie RTD, Inc.
License: 30684
Wellsite Geologist: Steve Frankamp
Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIDW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, ExSTATECathodic, etc.)

If Workover/Re-Entry: old well info as follows:
Operator: N/A
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
01-10-94 01-20-94
Spud Date Date Reached TD Completion Date

API NO. 15- 057-20,522-0000
County Ford
S/2- N/2 SE Sec. 25 Twp. 25S Rng. 21 E W
1650' Feet from S/W (circle one) Line of Section
1320' Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Ditges Well # #2
Field Name Fored
Producing Formation _____
Elevation: Ground 2270' KB 2275'
Total Depth 4820' PSTD _____
Amount of Surface Pipe Set and Cemented at 705.64' 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 cnt.

Drilling Fluid Management Plan DFA 4-20-94
(Data must be collected from the Reserve Pit)
Chloride content 48,000 ppm Fluid volume 1400 bbls
Deswating method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name N/A
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Mark Galyon
Title Vice President (RTD) Date 1-28-94
Subscribed and sworn to before me this 28th day of January, 19 94.
Notary Public Angela Woodard
Date Commission Expires 3-20-97

ANGELA WOODARD
Notary Public - State of Kansas
My APPT. Expires _____
OFFICE USE ONLY
 Certificate of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
Distribution
 KCC SWD/Rep MGA
 KGS Plug Other
(Specify)

P1

SIDE TWO

Operator Name A. L. Abercrombie, Inc. Lease Name Ditges Well # 2
 Sec. 25 Twp. 25S Rps. 21 East County Ford
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheets if more space is needed. Attach copy of log.

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
 (Submit Copy.)
 List All E.Logs Run:

See Attached Sheet

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

See Attached Sheet

CASING RECORD <input 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"	28#	704.64'	60-40 portmix	350	2% gel 3% cc

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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 Inj.	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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval _____

ORIGINAL



ABERCROMBIE RTD, INC.

DRILLING CONTRACTOR

150 N. MAIN, SUITE 801 / WICHITA, KANSAS 67202 / 316-262-1841

DITGES #2
S/2 N/2 SE
Sec. 25-25S-21W
Ford Co., KS

API # 15-057-20522

ELECTRIC LOG TOPS

Anhydrite	1378'	(+897')
Base Anhydrite	1399'	(+876')
Heebner	3997'	(-1722')
Brown Lime	4104'	(-1829')
Lansing	4114'	(-1839')
BKC	4506'	(-2231')
Marmaton	4513'	(-2238')
Fort Scott	4629'	(-2354')
Upper Cherokee Shale	4644'	(-2369')
Lower Cherokee Shale	4676'	(-2401')
Lower Cherokee Lime	4597'	(-2422')
Warsaw	4735'	(-2470')
Osage	4778'	(-2505')
LTD	4819'	(-2544')
RTD	4820'	

RECEIVED
STATE CORPORATION COMMISSION
FEB - 2 1994
CONSERVATION DIVISION
Wichita, Kansas

DST #1 4133'-4166' (Lansing B)
30-45-60-45
Rec. 90' oil sptd watery mud
780' salt water
IFPs 49-187 ISIP 1276
FFPs 216-393 FSIP 1266

DST #4 4704'-4754' (Warsaw)
30-45-30-45
Rec. 70' drilling mud
IFPs 39-39 ISIP 285
FFPs 49-59 FSIP 265

DST #2 4677'-4708' (Cherokee Lime)
30-45-30-45
Rec. 60' mud
IFPs 39-39 ISIP 49
FFPs 39-39 FSIP 49

DST #3 4706'-4748' (Warsaw)
30-45-30-45
Rec. 40' mud
IFPs 49-49 ISIP 88
FFPs 49-59 FSIP 78

Phone 913-483-2627, Russell, KS
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS
 Phone 913-672-3471, Oakley, KS

ORIGINAL

Phone 316-886-5926, Medicine Lodge, KS
 Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

6076

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	1-19-94	Sec.	25	Twp.	25s	Range	21w	Called Out	7:00 pm	On Location	10:30 pm	Job Start	12:30 AM	Finish	3:00 AM
Lease	Ditges	Well No.	2	Location		Off hole 45-1w-45-winto			County	Ford	State	KS.			
Contractor	AL Abercrombie Inc													Owner	Same
Type Job	Rotary Plug													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 listed.	
Hole Size	12 1/4	7 3/8	T.D.	4820											
Csg.	8 5/8		Depth	370											
Tbg. Size													Depth		
Drill Pipe													Depth		
Tool													Depth		
Cement Left in Csg.													Shoe Joint		
Press Max.													Minimum		
Meas Line													Displace		
Perf.															

Charge To Abercrombie Inc.
 Street 801 Union Center
 City Wichita State Ks 67202
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
Anthony Ward

EQUIPMENT

Pumptrk	No. 195	Cementor	Don H
		Helper	Kent R
Pumptrk	No.	Cementor	
		Helper	
Bulktrk	199	Driver	Bill W
Bulktrk		Driver	

CEMENT

Amount Ordered	155 SK	6 3/4	6 3/8	6el	1/4 ES
Consisting of					
Common	9.3	5.75	534.75		
Poz. Mix	6.2	3.00	186.00		
Gel.	9	7.00	63.00		
Chloride					
Quickset					
Flo Seal	39	1.10	42.90		
Handling	57.55	1.00	155.00		
Mileage	60		372.00		
Total 1353.65					

DEPTH of Job

Reference:	1 Pumptruck	430.00
	60 milegge	135.00
	1 8 5/8 plug	21.00
	Total	586.00

Remarks: Pumped 50sk at 1450'
 50sk at 750', 30sk at 250'
 10sk 40', 15sk RH
 BY Allied Cementing
 Agn KS Dan

Floating Equipment
 TOTAL \$ 1939.65
 Disc - 387.93
 \$ 1551.72

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 willful 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.

1174

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	1-11-94	Sec.	25	Twp.	25S	Range	21W	Called Out	Midnight	On Location	2:15	Job Start	3:00 AM	Finish
Lease	Ditches	Well No.	2	F also Offered Location 35 1W 2, 5 W 3 into				County	Ford	State	Ks.			
Contractor	Co. Tools													
Type Job	Surface													
Hole Size	12 1/4	T.D.	710'											
Csg.	8 5/8" 28#	Depth	705'											
Tbg. Size		Depth												
Drill Pipe		Depth												
Tool		Depth												
Cement Left in Csg.		Shoe Joint	22'											
Press Max.		Minimum												
Mens Line		Displace	42.6661											
Perf.														

EQUIPMENT

No.	Cementer	Gary
Pumptrk 224	Helper	Mike
No.	Cementer	
Pumptrk	Helper	
	Driver	B. H.
Bulktrk 199	Driver	
Bulktrk	Driver	

DEPTH of Job

Reference:	Pump Truck	430.00
60	Mileage	135.00
	8 5/8" TRP	83.00
	405' at 1.39	157.95
	Total	805.95

Remarks: Cement circulated

Thank you!
 W. A. Head

Owner AL Abercrombie
 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 listed.

Charge To AL Abercrombie Inc
 Street 801 Union Center
 City Wichita State Ks 67202
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X Anthony Ward

CEMENT

Amount Ordered 350 60/40 2% Gel 3% CC

Consisting of

Common	210	5.75	1207.50
Poz. Mix	140	3.00	420.00
Gel.	7	7.00	49.00
Chloride	11	25.00	275.00
Quickset			

Handling 350 1.00 350.00
 Mileage 60 14.00 840.00

123-21994

Floating Equipment

Baffle Plate - 105.00

TOTAL \$ 4052.45
 Disc - 810.49

\$ 3241.96

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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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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.