

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

Operator: License # 5418

Name: ALLEN DRILLING COMPANY

Address 6565 S. Dayton, #3800

Englewood, CO 80111

City/State/Zip _____

Purchaser: D&A

Operator Contact Person: Doug Hoisington

Phone (303) 799-6660

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Jeffrey R. Zoller

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: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

1/13/95 1/26/95 1/26/95
Spud Date Date Reached TD Completion Date

API NO. 15- 025-21126-0000

County Clark

.75'W SE SE Sec. 5 Twp. 34S Rge. 25 W^E

660 Feet from S/N (circle one) Line of Section

735 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, NW or SW (circle one)

Lease Name THEIS Well # 1-5

Field Name Mckinney

Producing Formation D&A

Elevation: Ground 2115' KB 2125'

Total Depth 5750 RTD PBTB --

Amount of Surface Pipe Set and Cemented at 829' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan D&A JH 2-9-96
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 800 bbls

Dewatering method used Air dry

Location of fluid disposal if hauled offsite: _____

Operator Name NA

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 [Signature]

Title Vice-President Date 6 Feb 95

Subscribed and sworn to before me this 6th day of February

Notary Public [Signature] Peggy B. Petagna

Date Commission Expires 1/14/97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution 2-10-95
 KCC SWD/Rep NGPA
 KGS Plug with Other
(Specify)

Operator Name ALLEN DRILLING COMPANY Lease Name THEIS Well # 1-5

Sec. 5 Twp. 34 Rge. 25 East West
 County Clark

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 sheet 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.)

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

See attached

List All E.Logs Run:

CDNL
 DIL
 Micro

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#	829'	65/35poz Class A	250 150	6%gel 2%cc 1/4 flo 2%gel 2%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 Flowing Pumping Gas Lift 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 ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Conmingled Other (Specify) Dry and Abandoned

Production Interval _____

NO.	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	5558'	241-241	586	253-241	460	2634	*900' Mud
	5630	20	45	20	60	2588	

Mr-Miss

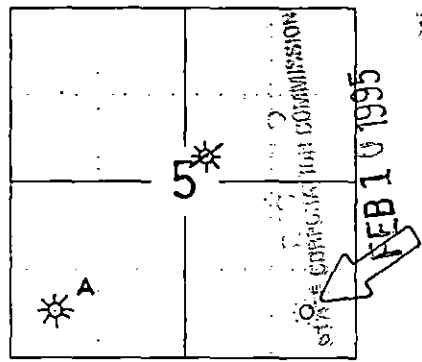
ORIGINAL

Note: The large amount of mud recovery was due to the occurrence of a crack in one of the collars when coming out of the hole w/DST#:

MUD RECORD				DATE			
CHECK DEPTH	WT.	VIS.	FIL. CHL.	YP.			
2	835	9.7	31	80+	50M	6	1/13/95
3	1505	9.0	27	80+	50M	2	1/14/95
4	2334	9.4	30	80+	81M	5	1/15/95
5	2594	9.6	30	40+	87M	3	1/16/95
6	2946	9.4	34	30+	54M	14	1/17/95
7	3194	9.1	32	28	52M	10	1/18/95
8	3665	9.0+	39	30+	32M	18	1/19/95
9	4016	9.1	37	30+	28M	22	1/20/95
10	4582	9.2	35	40	17M	21	1/21/95
11	4955	9.1	55	23.2	15M	57	1/22/95
12	5247	9.1+	44	19.2	12M	44	1/23/95
13	5524	9.1+	55	8.8	10M	22	1/24/95
14	5630	9.1	45	8.0	6M	9	1/25/95
16	5750	9.1+	90	8.8	17M	61	1/26/95

BIT RECORD				HOURS	
NO	SIZE	WKF	TYPE	DEPTH OUT	FEET
1	1 1/2		RT	835	835
2	7/8	Reed	JP52	5750	4915

REFERRED TO:



- A: #G-003 Berns Zoller & Danneberg
C SW Sec. 5-34s-25W, MR-MCH Gas
- B: #1-3 Harden Farms, Charter Prod.
NE SW SW Sec. 3-34S-25W, MR Gas
- C: #1 Theis 'D' Skelly Oil
SW SW NE Sec. 8-34S-25W, MCH Gas
- D: #1 Harden Gas Unit ARCO
NW NE SW Sec. 9-34S-28W, MCH Gas

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Heebner	4305	4303	-2180	-2149	-2190	-2173	-2201	
Toronto	4325	4321	-2198	-2167	-2198	-2192	-2218	
Lansing	4488	4488	-2365	-2325	-2371	-2355	-2381	
Swope	5018	5015	-2892	-2852	-2891	-2877	-2923	
Hertha	5062	5063	-2940	-2896	-2946	-2926	-2968	
Marmaton	5136	5133	-3010	-2975	-3008	-3002	-3038	
Cherokee Sh	5282	5282	-3159	-3126	-3157	-3158	-3195	
Morrow Sh	5562	5564	-3441	-3405	-3432	-3437	-3473	
Mississippian Chester	5592	5594	-3471	-3440	-3460	-3477	-3506	
TD	5750	5755	-3632	-3714	-3780	-3700	-3791	



CEMENTING LOG

STAGE NO.

ORIGINAL

Date 1/26/95 District Med. Lodge Ticket No. 0945
 Company Allan Drilling Co Rig Allan
 Lease Theris Well No. 1-5
 County Clay State Ks
 Location 5-345-25W Field _____
Englewood lot 55 3w 2n 1w S15

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2 Type _____ Weight 247 Collar _____

LEAD: Pump Time _____ hrs. Type 60' 40' 6" P.P.C.
 Excess _____
 Amt. 125 Sks Yield 1.58 ft³/sk Density 13.5 PPG _____

Casing Depths: Top 0 Bottom 579

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____
 WATER: Lead 7.8 gals/sk Tail _____ gals/sk Total 23.5 Bbls. _____

Drill Pipe: Size 4 1/2 Weight 16.60 Collars _____
 Open Hole: Size 7 1/2 T.D. 5750 ft. P.B. to _____ ft.

Pump Trucks Used 233-234 Justin Hall
 Bulk Equip. 242 John Kelley

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15,7015
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16,5993
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70,3235
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24,6474
 Bbls/Lin. ft. .0440 Lin. ft./Bbl. 22,7187
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE Richard Stevenson

CEMENTER Max Ball

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbls Min.
5:30						on loc Rig up	
5:10		300			9	5	Pump H2O Ahead
5:12		300			14	5	Mix amt 50 sks 60' 40' 6" P.P.C. 1100
5:15		50			3	4	Pump H2O Behind
5:16		75			8	5	Pump Mud Displacement
5:28							on loc spot 5 shut down Pull P.P.
5:40		200			9	5	Pump H2O Ahead
5:42		150			14	5	Mix amt 50 sks 60' 40' 6" D.P.C. 819
5:45		50			3	4	Pump H2O Behind
5:46		75			5.8	5	Pump Mud Displacement
5:48							on loc spot 4 shut down Pull P.P.
5:55		50			2.8	4	Circulate to sur face from 40' 10 sks
10:00		50			4.2	4	Plug Rat Hole with 15 sks

ALLIED CEMENTING CO., INC. 000945

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

SERVICE POINT: Medicine Lodge

DATE <u>1/26/95</u>	SEC. <u>5</u>	TWP. <u>34s</u>	RANGE <u>25W</u>	CALLED OUT <u>1:30 PM</u>	ON LOCATION <u>9:30 PM</u>	JOB START <u>5:00 PM</u>	JOB FINISH
LEASE <u>THC's</u>	WELL # <u>1-5</u>	LOCATION <u>Empirewood Jet 8 s 3w 2n 1w 35</u>			COUNTY <u>Clark</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR Allen Drilling
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 5750
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 1660' DEPTH 1100
 TOOL _____ DEPTH _____
 PRES. MAX 300 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER Same CEMENT

AMOUNT ORDERED 125 sks 60/40 6' plug - 1

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT
 PUMP TRUCK CEMENTER Max Bell
 # 234 HELPER Justin Hart
 BULK TRUCK
 # 242 DRIVER John K-Oliver
 BULK TRUCK
 # _____ DRIVER _____

TOTAL _____

REMARKS:

SERVICE

Plug well thru Drill Pipe Split Plug
50 sks @ 1100 50 sks @ 840 10 sks @ 40
15 sks Rot Hole

DEPTH OF JOB 1100
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 70 mi @ _____
 PLUG _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

CHARGE TO: Allen Drilling Co
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

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

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 Richard Stevenson

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.



CEMENTING LOG

STAGE NO.

ORIGINAL

Date 1-13-95 District med. hedge Ticket No. 0894
 Company Allen Drilg Rig Co. Tools
 Lease Theis Well No. 1-5
 County CLARK State KANSAS
 Location Englewood Jct. 8s-3w-1/2n-1w Field 5-34-25

CEMENT DATA:
 Spacer Type: Fresh H₂O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type J-55 Weight 23 Collar _____

LEAD: Pump Time _____ hrs. Type 65:35:6%
2% CAPL2 + 1/4# Flo-Seal Excess _____

Amt. 250 Sks Yield 1.97 ft³/sk Density 12.4 PPG _____

TAIL: Pump Time _____ hrs. Type CLASS A
2% CAPL2 + 2% Gel Excess _____

Amt. 150 Sks Yield 1.34 ft³/sk Density 15.2 PPG _____

WATER: Lead 10.9 gals/sk Tail 65 gals/sk Total _____ Bbls. _____

Burst Collaps
2950 PSI 1370 PSI

Casing Depths: Top _____ Bottom _____

Pump Trucks Used #266 Carl Balding
 Bulk Equip. #256-#250 MARK BRUNQANDT
#259-#314 John Kelley

Drill Pipe: Size 4 1/2 Weight 16.60 Collars X-Hole
 Open Hole: Size 12 1/4 T.D. 835 ft. P.B. to _____ ft.

Float Equip: Manufacturer BAKER

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70

Shoe: Type _____ Depth _____

Open Holes: Bbls/Lin. ft. .1458 Lin. ft./Bbl. 6.8599

Float: Type BAFFLE (Threaded) Depth 785.9

Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.32

Centralizers: Quantity 2 Plugs Top 1 Btm. _____

Annulus: Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.6037

Stage Collars _____

Perforations: From _____ ft. to _____ ft. Amt. _____

Special Equip. _____

Disp. Fluid Type Fresh H₂O Amt. 50% Bbls. Weight 8.34 PPG _____

Mud Type CHEMICAL Weight 9.2 PPG _____

COMPANY REPRESENTATIVE _____

CEMENTER Larry A. Drilling

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
4:50		200				Rig up and hold Job Procedure
4:55						Pipe on Bottom, Circ w/Rig Pump
5:00		200	8	8	5	Rig up to Cement Head
5:02		230	40	8	5	Start Fresh H ₂ O
5:10		250	45	1	5	H ₂ O In. Start lead
5:11		200	50	1	5	Steady PSI + rate
5:18		230	88	7	5	Slight PSI Drop, Cement at shoe
5:18		260	10	2	5	lead in. Start Tail
5:20		300	20	4	5	Steady rate + PSI
5:24		320	36	3	5	Slight PSI Increase
5:28						Tail In. Stop Pumps
5:30		95	4	1	4	Release Plug
5:31		100	15	2	5	Start Fresh H ₂ O Displace
5:32		182	30	3	5	Steady PSI + rate
5:35		270	45	3	4	PSI Increase
5:38		200	48	1	2	lift PSI
5:40		400	50%	2	2	Decrease rate
						Bump Plug
						Shut In.
						Cement Old Circ.

Taylor Printing, Inc., Pratt, KS

ALLIED CEMENTING CO., INC. 000894

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

ORIGINAL

SERVICE POINT: Med. Hedge, KS

DATE <u>1-13-95</u>	SEC. <u>5</u>	TWP. <u>34S</u>	RANGE <u>25W</u>	CALLED OUT <u>11:00 A.M.</u>	ON LOCATION <u>2:00 P.M.</u>	JOB START <u>4:50 P.M.</u>	JOB FINISH <u>5:40 P.M.</u>
LEASE <u>Thais</u>	WELL # <u>1-5</u>	LOCATION <u>Englewood Jet. 85-3w-1/2n</u>			COUNTY <u>Clark</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one) NEW

CONTRACTOR Allen Dalg.

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 8.35

CASING SIZE 8 5/8 DEPTH 829

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X-Hole DEPTH 8.35

TOOL _____ DEPTH _____

PRES. MAX 400 MINIMUM 100

MEAS. LINE _____ SHOE JOINT 43.10

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED 250 cks. 65.35.6% Gel
2% CaCl₂ + 1/4# F10-Seal

150 cks. CLASS A. 2% CaCl₂ + 2% Gel

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Larry Dierling

266 HELPER Carl Balding

BULK TRUCK _____

256-250 DRIVER Mark Bungeardt

BULK TRUCK _____

259-314 DRIVER John Kelley

TOTAL _____

REMARKS:

Cement w/ 250 cks. 65.35.6% Gel
2% CaCl₂ + 1/4# F10-Seal Per sk.
Followed w/ 150 cks. Class A
2% CaCl₂ + 2% Gel. Cement on
Stop Pumps. Release Plug
Displace Plug to 791.9' Cement
Did Circ. Shutt. On.

SERVICE

DEPTH OF JOB 829

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Allen Dalg.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

Babe _____ @ _____

Baffle Plate _____ @ _____

Basket _____ @ _____

Centerlines _____ @ _____

_____ @ _____

_____ @ _____

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 Richard Stevenson

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.