

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

Operator: License # 31671

Name: WARREN CORPORATION

Address 50 Penn Place, Suite 410

City/State/Zip Oklahoma City, OK 73118

Purchaser: Farmland - Oil, Enron - Gas

Operator Contact Person: Jennifer R. Rose

Phone (405) 843-9393

Contractor: Name: Duke Drilling Company

License: 5929

Wellsite Geologist: Bill Shepard

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 Workovers:

Operator: RELEASED

Well Name: _____

Comp. Date _____ Old Total Depth 31 1997

Deepening Re-perf Copy to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

12/5/95 12/11/95 1/26/96

Spud Date Date Reached TD Completion Date

API NO. 15- 185-23019-0000

County Stafford

C - NW - NE Sec. 18 Twp. 25S Rge. 15W ^E _W

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

2040 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 Aiken Well # 1-18

Field Name Wil Field

Producing Formation Mississippi & Kinderhook

Elevation: Ground 2,048' KB 2,056'

Total Depth 4,350' PBDT 4,327'

Amount of Surface Pipe Set and Cemented at 396' 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 cmt.

Drilling Fluid Management Plan ALT 1 27K 11-5-96
(Data must be collected from the Reserve Pit)

Chloride content 9700 ppm Fluid volume 720 bbls

Dewatering method used Haul-off

Location of fluid disposal if hauled offsite: _____

Operator Name Oil Producers

Lease Name Palmitier License No. 8061

SW Quarter Sec. 16 Twp. 25 S-Rng. 16E E/W

County Edwards Docket No. 20983

CONFIDENTIAL

4-1-1996
KANSAS
RECEIVED
FILED
12

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 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 Jennifer R. Rose
Title Vice President Date 3/28/96
Subscribed and sworn to before me this 28th day of March, 1996.
Notary Public Mendy Billington
Date Commission Expires 1/10/2000

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

SIDE TWO

CONFIDENTIAL
AIKEN

Operator Name WARREN CORPORATION

Lease Name AIKEN

Well # 1-18

Sec. 18 Twp. 25S Rge. 15W

East
 West

County STAFFORD

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.)
List All E.Logs Run:
Dual Induction Laterolog
Compensated Density Dual Spaced Neutron
Computer Analyzed Log
Correlation Cement Bond Log

Log Formation (Top), Depth and Datums Sample
Name Top Datum
Heebner 3,681 Sh, blk, carb.
Brown Lime 3,830 Ls, buff-lt gray,
dense, fixlu
Lansing-Kansas City 3,843 Ls, lt-gy-wh, tan,
foss, tite, s/chs/kyls
Mississippi 4,248 Chert,lt-med-dk gy,
pink-org, s/wh, fair
SEE ATTACHMENT FOR CONTINUATION tripolitic por, much
gilsonite, trace free
oil, spty dk-yel fluo
ft. odor.

CASING RECORD New 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#	396'	60/40 Poz	280#	3%CC & 2%Gel
Production	7-7/8"	5 1/2"	15.5#	4349'	50/50 Poz EA-2	50# 100#	2% Gel Gasstop last

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
3/ft.	Mississippi 4260-4264'	Acid: 1500 gal 15%FE with 40 (Miss & Kinderhook)	ballsealers
3/ft.	Mississippi 4267-4270'		
3/ft.	Kinderhook 4275-4278'	FRAC: MS&KH: 59,000 Gals 35# w/ 91,000# sand	Boragel

TUBING RECORD

Size	Set At	Packer At	Liner Run
2 3/8"	4,294.03'	None	None <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SLD or Inj. 1/25/96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5.0	30.0	8.0	6/1	35.8

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Miss. & Kinderhook
(If vented, submit ACO-18.) Other (Specify)

CONFIDENTIAL

ORIGINAL

WARREN CORPORATION

50 Penn Place
Suite 410
Oklahoma City, Oklahoma 73118

(405) 843-9393

15-185-~~28~~
23019

AIKEN #1-18

FORMATION TOPS & DATUM CONTINUED FROM SIDE TWO OF ACO-1

KINDERHOOK SAND	4,274'	Sandstone, lt-med. saturation, F. grain, sub rd, Friable, Fair odor, gd lt yel. fluor.
VIOLA	4,337'	Chert, wh-tan; spickular, fresh, brigh-wh-, s/wh-gy ls, dense
LTD	4,348'	

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC. -4874

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

CONFIDENTIAL ORIGINAL

SERVICE POINT: West Bend

DATE <u>12-5-95</u>	SEC. <u>18</u>	TWP. <u>25</u>	RANGE <u>15</u>	CALLED OUT <u>3:30 PM</u>	ON LOCATION <u>5:30 PM</u>	JOB START <u>8:30 AM</u>	JOB FINISH <u>9:00</u>
LEASE <u>Aiken</u>		WELL # <u>1</u>		LOCATION <u>Mocksville Jw 45 (N. 1/2 in)</u>		COUNTY <u>Stoddard</u>	STATE <u>K.S.</u>

OLD OR NEW (Circle one)

CONTRACTOR Duke Drilling Rig #2
 TYPE OF JOB Surface Pipe Job
 HOLE SIZE 12 1/2" T.D. 396 ft
 CASING SIZE 8 1/2" DEPTH 396 ft
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE 381 ft SHOE JOINT _____
 CEMENT LEFT IN CSG. 15 ft 23
 PERFS. Displacement 500.7 lbs

OWNER Warren Corp.
 CEMENT

AMOUNT ORDERED
280 @ 110 38cc 2250

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

EQUIPMENT

PUMP TRUCK CEMENTER M.H. m.
 # 120 HELPER Duane S.
 BULK TRUCK _____
 # _____ DRIVER _____
 BULK TRUCK _____
 # 214 DRIVER Rick w.

JUL 31 1997

FROM CONFIDENTIAL

REMARKS:

SERVICE

Circulate the Hole with Rig mud pump
Mix Cement + Release plug
Displace plug Down with water
Cement did Circulate to Surface

DEPTH OF JOB 396 ft
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 PLUG 1-8 1/2" wooden plug @ _____
 _____ @ _____
 _____ @ _____

CHARGE TO: Duke Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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

TOTAL _____

Thank you
 Allied Cementing Co Inc
 Mike + Duane + Rick

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 John J. Boardman

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

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.



HALLIBURTON CONFIDENTIAL

DATE 12-11-95 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
WARDEN MUD		1		Aiken		REPAIR		906887	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	2320								CALLED OUT 12-10-95
	0230								ON LOCATION 12-11-95
									RIG LEAVING DOWNS D.P.
	0500								RUN ONE GUIDE SITES LATCH BARREL
									CENTRALIZERS ON COLLARS 1-3-6-8
									PIPE RUN OVER MUD CIRC. MIXER RUN SWAGE DOWNS
									BREAK MUD TO PUSH MUD OUT
									BLOOD FLUSITES
	0754	6 1/2	0				250		HOOK UP TO WELL
									RUN PRE-FLUSH
									20 BBLs CLASSIX H ₂ O - 2 BBL H ₂ O SPACER
									10 BBLs SUPER FLUSH - 2 BBL H ₂ O SPACER
			34						MIX OUT
	0912		40						PLUG MUD & RATCHET
	0920	6					200		PUMPING DOWN CSG
			71						FINISHED MIX SITUATION
	0932								FLUSH LINES RELEASE PLUG
	0937	7	0				125		START DISP.
							450		
			80						
	1000	2 1/2	103.09				500		PLUG DOWN
							1200		PLUG UP
	1003								RELEASE & HOLD
									WORK UP
									RACK UP
									JOB COMP.
	1130								

RECEIVED
KANSAS CORP. CO.
1996 APR -3 P 12

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

GREAT PLAINS FLUID SERVICE, INC.

No 50602

P. O. Box 764
GREENSBURG, KANSAS 67054
Phone (316) 723 - 2267

2.5

Company WALKER CO. INC. Date 12-10-95
Lease Allen License No. _____
Sec. _____ Twp. _____ Rge. _____ Co. _____ Ebls. Hauled 82 Commodity Fe
Load Time _____ Unload Time _____ Haul one load off Reserve Pit to Sec A
Begn. Gauge _____ End. Gauge _____
Destination Sec A Truck # 12 Driver Kelly

CONFIDENTIAL

ORIGINAL

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

GREAT PLAINS FLUID SERVICE, INC.

No 50609

P. O. Box 764
GREENSBURG, KANSAS 67054
Phone (316) 723 - 2267

2.5

Company WALKER CO. INC. Date 12-11-95
Lease Allen License No. _____
Sec. _____ Twp. _____ Rge. _____ Co. _____ Ebls. Hauled 82 Commodity Fe
Load Time _____ Unload Time _____ Haul one load off Reserve Pit to Sec A
Begn. Gauge _____ End. Gauge _____
Destination Sec A Truck # 12 Driver Kelly

RECEIVED
KANSAS CORP COMM
1996 APR -3 P 12:21

GREAT PLAINS FLUID SERVICE, INC.

No 53862

P. O. Box 764
GREENSBURG, KANSAS 67054
Phone (316) 723 - 2267

5.0

Company WALKER CO. INC. Date 12-13-95
Lease Allen License No. _____
Sec. _____ Twp. _____ Rge. _____ Co. _____ Ebls. Hauled 160 Commodity Sec A
Load Time _____ Unload Time _____ Haul one load off Reserve Pit to Sec A
Begn. Gauge _____ End. Gauge _____
Destination Sec A Truck # 12 Driver Kelly

GREAT PLAINS FLUID SERVICE, INC.

P. O. Box 764
GREENSBURG, KANSAS 67054
Phone (316) 723 - 2267

№ 50595 (22.5)
5.0 2.5
B

Company FLORIAN CORP Date 12-8-95
Lease Aiken License No. 5/13 B. O. Y.
Sec. _____ Twp. _____ Rge. _____ Co. _____ Bbls. Hauled 14 Commodity SW 5.5
Load Time _____ Unload Time _____ Haul one load off reserve pit to SW
Begin. Gauge _____ End. Gauge _____ 2.5
Destination SW P Truck # 12 Driver Kelly

CONFIDENTIAL

ORIGINAL

GREAT PLAINS FLUID SERVICE, INC.

P. O. Box 764
GREENSBURG, KANSAS 67054
Phone (316) 723 - 2267

№ 50649
25

Company Wacren Corp. Date 12-8-95
Lease Aiken License No. 2.5 hr
Sec. _____ Twp. _____ Rge. _____ Co. _____ Bbls. Hauled 30 Commodity SW
Load Time _____ Unload Time _____ off reserve pit
Begin. Gauge _____ End. Gauge _____
Destination SW P Truck # 7 Driver Scott Leary

GREAT PLAINS FLUID SERVICE, INC.

P. O. Box 764
GREENSBURG, KANSAS 67054
Phone (316) 723 - 2267

№ 50726

Company Waren Corp. Date 12-9-95 (2 1/2 hrs. 2.5)
Lease Aiken License No. _____
Sec. _____ Twp. _____ Rge. _____ Co. _____ Bbls. Hauled 80 Commodity reserve water
Load Time _____ Unload Time _____ haul one load water off Reserve Pit
Begin. Gauge _____ End. Gauge _____ haul fluid to SWP
Destination P-SWD Truck # 10 Driver Brent

GREAT PLAINS FLUID SERVICE, INC.

P. O. Box 764
GREENSBURG, KANSAS 67054
Phone (316) 723 - 2267

№ 53677
2.5 JUL 31 1997

Company Waren Corp. Date 12-9-95
Lease Aiken #1 License No. _____
Sec. _____ Twp. _____ Rge. _____ Co. _____ Bbls. Hauled 80 Commodity SW
Load Time _____ Unload Time _____ Haul load off of Reserve Pit
Begin. Gauge _____ End. Gauge _____
Destination N.P.P.

FROM CONFIDENTIAL