

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30535

Name: Hartman Oil Co., Inc.

Address: PO Box 54

City/State/Zip: Wichita, Kansas 67201

Purchaser: N/A

Operator Contact Person: Stan Mitchell

Phone: (316) 272-3988

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Jon Christensen

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. _____

09-28-00 10-07-00
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 077-21387 0000

County: Harper County Kansas

C-N/2 NE Sec. 5 Twp. 34 S. R. 8 East West

660 feet from S / (circle one) Line of Section

1320 feet from (circle one) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Zimmerman Well #: C-1

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 1309' Kelly Bushing: 1317'

Total Depth: 4700' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 263' 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 gpt 12-28-00
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

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: Willis E. Newton

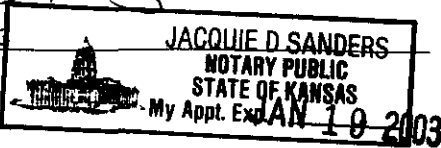
Title: President Date: October 17, 2000

Subscribed and sworn to before me this 17th day of October

2000

Notary Public: Jacquie D. Sanders

Date Commission Expires: 01/19/03



KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Hartman Oil Co., Inc. Lease Name: Zimmerman Well #: C-1
 Sec. 5 Twp. 34 S. R. 8 East West County: Harper County, Kansas

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 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
 CEMENT BOND
 COMPENSATED DENSITY**

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

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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	263'	60/40 Poz	200	3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	4698'	ASC	150	5#/sk kolseal

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. Temporarily Abandoned Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcl. Water N/A Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Sumit ACO-18.) Other (Specify)

ORIGINAL

Date 7-28-00 District W. of Dodge Ticket No. 7512
 Company Halsman Oil Co. Rig Duke 20
 Lease 2-100-100-100 Well No. 51
 County Harper State KS
 Location AT/CA 25, 10 Field 54886

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

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 1/2 Type _____ Weight 37 Collar _____

LEAD: Pump Time _____ hrs. Type 60:40:2+3
 Excess _____

Amt. 200 Sks Yield 1.26 ft³/sk Density 14.0 PPG _____

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

WATER: Lead 56 gals/sk Tail _____ gals/sk Total 20 Bbls. _____

Casing Depths: Top 118 Bottom 108.60

Pump Trucks Used 332 (Ard B)

Bulk Equip. 288 (Jasen 7)

Drill Pipe: Size 4 1/2 Weight 16.60 Collars _____
 Open Hole: Size 12 1/4 T.D. 264 ft. P.B. to _____ ft.

Float Equip: Manufacturer Cemaco

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.037 Lin. ft./Bbl. 15.70

Shoe: Type _____ Depth _____

Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Float: Type _____ Depth _____

Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Centralizers: Quantity 2 Plugs Top Wooden Btm. _____

Annulus: Bbls/Lin. ft. 0.25 Lin. ft./Bbl. 13.60

Stage Collars _____

Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Special Equip. _____

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

Disp. Fluid Type Fresh Amt. 15.74 Bbls. Weight 8.74 PPG _____

Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE J. HANBUSTER

CEMENTER Art Polking

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
9:00						on loc
						Pipe on Bottom
						Breaker circulation
10:30	200	200	49	49	2	pump 3 CBIs fresh water
						pump 200 @ 60:40:2+3
						50% ch valves
						release plug
10:45	150		64 1/2	15 1/4	3	Displace with 15 1/4 Bbls
						2 shut in
						Cement did circulate
						40 20 to p +

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

7512
ORIGINAL
SERVICE POINT:

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

Medicine Lodge

DATE <i>7-28-00</i>	SEC. <i>5</i>	TWP. <i>34</i>	RANGE <i>8</i>	CALLED OUT <i>2:30 pm</i>	ON LOCATION <i>8:00 pm</i>	JOB START <i>10:30 pm</i>	JOB FINISH <i>10:45 pm</i>
LEASE <i>11/11/00</i>	WELL # <i>C-1</i>	LOCATION <i>Attica Ks. 6S, 1E</i>			COUNTY <i>Hwy 10</i>	STATE <i>KS.</i>	
OLD OR NEW (Circle one)				<i>25' into</i>			

CONTRACTOR *Duke #2* OWNER *Hartman Oil Co.*

TYPE OF JOB *surface*

HOLE SIZE *2 1/4* T.D. *264*

CASING SIZE *8 7/8 x 23* DEPTH *263*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *250* MINIMUM *-*

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15 feet*

PERFS.

DISPLACEMENT *15 1/4 BBLs freshwater*

EQUIPMENT

PUMP TRUCK CEMENTER *Alan Baldrey*

352 HELPER *same*

BULK TRUCK

258 DRIVER *JASON T*

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED

200 SK 60:40:2+3 CC

COMMON @

POZMIX @

GEL @

CHLORIDE @

@

@

@

@

@

HANDLING @

MILEAGE @

TOTAL

REMARKS:

SERVICE

Pipe on bottom Break Circ.

dump 5 BBLs Freshwater

200 SK 10:40:2+3 CC

Release plug.

Displace with 15 1/4 BBLs

Cement did circulate shot in.

DEPTH OF JOB *263*

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG *wooden* @

@

@

TOTAL

CHARGE TO: *Hartman Oil Co.*

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

2-centralizers @

@

@

@

@

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 *John J. Armbruster*

JOHN J. ARMIBRUSTER

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.