

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

*KEC  
mu  
11/24/08*

Operator: License # 30535  
Name: Hartman Oil Company  
Address: 10500 E. Berkley Square Parkway  
City/State/Zip: Wichita, Kansas 67206  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jim Morton  
Phone: (620) 791-7187  
Contractor: Name: H2 Drilling LLC  
License: 33793  
Wellsite Geologist: Wes Hansen

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. \_\_\_\_\_

<u>8-01-08</u>	<u>8-06-08</u>	<u>DA 8-07-08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
		<i>DA 8-6-08</i>

API No. 15 - 165-21825-0000  
County: Rush  
W/2 SE - SE - Sec. 23 Twp. 18 S. R. 16  East  West  
660 feet from S / N (circle one) Line of Section  
990 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Schroeder Well #: 1-23  
Field Name: Otis-Albert  
Producing Formation: NA  
Elevation: Ground: 1926 Kelly Bushing: 1937  
Total Depth: 3587 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 995 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 *P+ A Alt I NCR*  
(Data must be collected from the Reserve Pit) 12-23-08  
Chloride content <200 ppm Fluid volume 160 bbls  
Dewatering method used Hauled Offsite  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Pauls Oilfield Service  
Lease Name: Miller License No.: 31085  
Quarter NW Sec. 6 Twp. 19S S. R. 16  East  West  
County: Rush Docket No.: 21324

**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: *[Signature]*  
Title: Production Supt. Date: 11-07-08  
Subscribed and sworn to before me this 7<sup>th</sup> day of November,  
20 08  
Notary Public: *[Signature]*  
Date Commission Expires: 08/27/2010

Notary Public State of Kansas  
Linda Chanel Neises  
My Appt Exp 08/27/2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 20 2008

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Hartman Oil Company Lease Name: Schroeder Well #: 1-23  
 Sec. 23 Twp. 18 S. R. 16  East  West County: Rush

**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)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Hebner Shale 3160 -1223  
 Lansing 3240 -1303  
 Reagan Sand 3473 -1500

List All E. Logs Run:

**Dual Porosity, Dual Induction, Micro**

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 Pipe	12.25"	8.625"	24	995	Common	450	NA

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

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 KANSAS CORPORATION COMMISSION  
 NOV 20 2008

TUBING RECORD		Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS.	
					<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enhr.			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 ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_



24 S. Lincoln Street  
P.O. Box 31  
Russell, KS 67665-2906  
Voice: (785) 483-3887  
Fax: (785) 483-5566

# INVOICE

Invoice Number: 115471  
Invoice Date: Aug 6, 2008  
Page: 1

*Handwritten:*  
K...  
11/24/08



RECEIVED AUG 13 2008

83035

**Bill To:**  
Hartman Oil Co., Inc.  
4550 W. Nine Mile RD  
Garden City, KS 67846

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Hart	Schröder #1-23	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1	Medicine Lodge	Aug 6, 2008	9/5/08

Quantity	Item	Description	Unit Price	Amount
87.00	MAT	Class A Common	15.45	1,344.15
58.00	MAT	Pozmix	8.00	464.00
5.00	MAT	Gel	20.80	104.00
36.00	MAT	Flo Seal	2.50	90.00
151.00	SER	Handling	2.40	362.40
1.00	SER	Minimum Handling Mileage Charge	312.00	312.00
1.00	SER	Rotary Plug	1,017.00	1,017.00
14.00	SER	Mileage Pump Truck	7.00	98.00

VENDOR ID#  
ACCOUNT #  
SUB ACCOUNT #  
DATE TO PAY  
JOB DATE  
DESCRIPTION  
DATE ENTERED

*Handwritten:* NEW WELL

*Handwritten:*  
A.W. Mitchell  
8/12/08

RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 20 2008  
CONSERVATION DIVISION  
WICHITA, KS

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 379.15

ONLY IF PAID ON OR BEFORE

Sep 5, 2008

Subtotal	3,791.55
Sales Tax	200.95
Total Invoice Amount	3,992.50
Payment/Credit Applied	
<b>TOTAL</b>	<b>3,992.50</b>

# ALLIED CEMENTING CO., LLC.

31272

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

MEDICINE LODGE

*11/24/08*

DATE <u>8-6-08</u>	SEC. <u>23</u>	TWP. <u>18S</u>	RANGE <u>16 W</u>	CALLED OUT <u>1:00 pm</u>	ON LOCATION <u>2:30 pm</u>	JOB START <u>10:00 pm</u>	JOB FINISH <u>12:30 am</u>
LEASE <u>SENKOPLEX</u>	WELL # <u>1-23</u>	LOCATION <u>ALBERT, KS, 2W, 4N,</u>			COUNTY <u>FRESH</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)		<u>W/IN 90</u>					

CONTRACTOR H-2 DRILLING LLC.

TYPE OF JOB ROTARY PLUG

HOLE SIZE 7 7/8" T.D. 1,020'

CASING SIZE 8 3/8" DEPTH 993'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2" DEPTH 1,020'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 200 MINIMUM 100

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT FRESH WATER/MUD

OWNER HARTMAN OIL

CEMENT

AMOUNT ORDERED 145 SK 60:40:4 + 1/4" F20-SEAL

EQUIPMENT

PUMP TRUCK CEMENTER BILL M.

# 360 HELPER GREG K.

BULK TRUCK

# 341 DRIVER ADAM A.

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>87 A</u>	@	<u>15.45</u>	<u>1344.15</u>
POZMIX	<u>58</u>	@	<u>8.00</u>	<u>464.00</u>
GEL	<u>5</u>	@	<u>20.80</u>	<u>104.00</u>
CHLORIDE		@		
ASC		@		
	<u>F10 SEAL 36 #</u>	@	<u>2.50</u>	<u>90.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>151</u>	@	<u>2.40</u>	<u>362.40</u>
MILEAGE	<u>14</u> Minchug			<u>312.00</u>
TOTAL				<u>2676.55</u>

REMARKS:

1st plug 1,020', LOAD HOLES, PUMP 50 SK 60:40:4 + 1/4" F20-SEAL, DISPLACE WITH MUD/FRESH WATER, 2nd plug 510', LOAD HOLE, PUMP 50 SK 60:40:4 + 1/4" F20-SEAL, DISPLACE WITH FRESH WATER, 3rd plug 500' 60', LOAD HOLES, PUMP 20 SK 60:40:4 + 1/4" F20-SEAL, CIRCULATE CEMENT TO SURFACE, PLUG RAT LAMBE HOLES WITH 25 SK 60:40:4 + 1/4" F20-SEAL.

CHARGE TO: HARTMAN OIL

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>1,020'</u>			
PUMP TRUCK CHARGE				<u>1017.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>14</u>	@	<u>7.00</u>	<u>98.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1115.00</u>

RECEIVED  
KANSAS CORPORATION PLUG & FLOAT EQUIPMENT

NOV 20 2008

CONSERVATION DIVISION  
WICHITA, KS

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment



# INVOICE

24 S. Lincoln Street  
P.O. Box 31  
Russell, KS 67665-2906  
Voice: (785) 483-3887  
Fax: (785) 483-5566

Invoice Number: 115417  
Invoice Date: Aug 1, 2008  
Page: 1

**Bill To:**  
Hartman Oil Co., Inc.  
4550 W. Nine Mile RD  
Garden City, KS 67846

RECEIVED AUG 1 1 2008

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Hart	Schroeder #1-23 <i>83035</i>	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1	Great Bend	Aug 1, 2008	8/31/08

Quantity	Item	Description	Unit Price	Amount
450.00	MAT	Class A Common	13.50	6,075.00
9.00	MAT	Gel	20.25	182.25
14.00	MAT	Chloride	51.50	721.00
473.00	SER	Handling	2.25	1,064.25
14.00	SER	Mileage 473 sx @ .10 per sk per mi	47.30	662.20
1.00	SER	Surface	991.00	991.00
693.00	SER	Extra Footage	0.75	519.75
14.00	SER	Mileage Pump Truck	7.00	98.00
1.00	SER	Head Rental	110.00	110.00
1.00	EQP	Guide Shoe	274.00	274.00
1.00	EQP	Baffle Plate	148.00	148.00
1.00	EQP	Rubber Plug	115.00	115.00
		VENDOR ID#		
		ACCOUNT #		
		SUB ACCOUNT #		
		DATE TO PAY		
		JIB DATE		
		DESCRIPTION		
		DATE ENTERED		
		<i>Dr. Mitchell</i>		
		<i>8-8-08</i>		
		<i>New Well</i>		

RECEIVED  
KANSAS CORPORATION COMMISSION

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ *1096.04*

ONLY IF PAID ON OR BEFORE

Aug 31, 2008

Subtotal	<b>NOV 20 2008</b>	10,960.45
Sales Tax		398.31
Total Invoice Amount	CONSERVATION DIVISION WICHITA, KS	11,358.76
Payment/Credit Applied		
<b>TOTAL</b>		<b>11,358.76</b>

# ALLIED CEMENTING CO., INC.

25544

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

SERVICE POINT:

*Heat Bend*  
*(8.2.08)*

DATE <i>8.1.08</i>	SEC. <i>23</i>	TWP. <i>18</i>	RANGE <i>16</i>	CALLED OUT <i>6:30 PM</i>	ON LOCATION <i>8:00 PM</i>	JOB START <i>5:00 AM</i>	JOB FINISH <i>6:00 AM</i>
LEASE <i>Schneider</i>		WELL # <i>1.23</i>	LOCATION <i>Albert 2 west</i>		COUNTY <i>Rush</i>	STATE <i>Ka</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *H.2*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *998'*

CASING SIZE *8 5/8 New 23* DEPTH *993'*

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. *42.57*

PERFS. \_\_\_\_\_

DISPLACEMENT  *60 1/2 BBLs H<sup>20</sup>*

OWNER *Hartman Oil Co.*

CEMENT

AMOUNT ORDERED *450 dx Common*

*3% cc 2% Gel*

COMMON	<i>450 dx</i>	@	<i>13.50</i>	<i>6075.00</i>
POZMIX		@		
GEL	<i>9 dx</i>	@	<i>20.25</i>	<i>182.25</i>
CHLORIDE	<i>14 dx</i>	@	<i>51.50</i>	<i>721.00</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>473 dx</i>	@	<i>2.25</i>	<i>1,064.25</i>
MILEAGE	<i>473 dx 10 14</i>			<i>662.20</i>
TOTAL				<i>8704.70</i>

EQUIPMENT

*U.B.*

PUMP TRUCK CEMENTER *J.T. Drailing*

# *120* HELPER *Joe Bodine*

BULK TRUCK

# *344* DRIVER *David Jurgensen*

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

*Ren new 8 5/8 23\* casing to Bottom  
Break circulation, Circ hole. Hook up  
to pump truck & mixed 450 dx Common  
3% cc 2% Gel. Shut down, change  
valves over & relapped rubber plug.  
Displaced with 60 1/2 BBLs Fresh  
H<sup>20</sup>. Cement did circulate to surface.  
Shut in manifold.*

CHARGE TO: *Hartman Oil Co.*

STREET *12950 E. 13<sup>th</sup> St. N*

CITY *Wichita* STATE *Kansas* ZIP *67230*

SERVICE

DEPTH OF JOB	<i>993'</i>			
PUMP TRUCK CHARGE				<i>991.00</i>
EXTRA FOOTAGE	<i>693'</i>	@	<i>75</i>	<i>519.75</i>
MILEAGE	<i>14</i>	@	<i>7.00</i>	<i>98.00</i>
MANIFOLD		@		
<i>Head rental</i>		@	<i>110.00</i>	<i>110.00</i>
		@		

TOTAL *1718.75*

PLUG & FLOAT EQUIPMENT

<i>Guide shoe</i>	<i>8 5/8</i>	@	<i>274.00</i>	<i>274.00</i>
<i>Baffle Plate</i>	<i>8 5/8</i>	@	<i>148.00</i>	<i>148.00</i>
<i>Rubber plug</i>	<i>8 5/8</i>	@	<i>115.00</i>	<i>115.00</i>