

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

12/23/11

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30535
Name: Hartman Oil Co., Inc
Address: 10500 E Berkeley Square Parkway - Suite 100
City/State/Zip: Wichita, Ks. 672206
Purchaser: NCRA
Operator Contact Person: Stan Mitchell
Phone: (620) 277-2511
Contractor: Name: H2 Drilling Rig #3
License: 33793
Wellsite Geologist: Wes Hansen

API No. 15 - 055-22052-00-00
County: Finney
NE NE SE Sec. 16 Twp. 22 S. R. 33 East West
2310' feet from S/ N (circle one) Line of Section
330' feet from E/ W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Ward Well #: 10
Field Name: Damme

Producing Formation: Morrow - Cherokee - Ft. Scott
Elevation: Ground: 2884' Kelly Bushing: 2892'
Total Depth: 4804' Plug Back Total Depth: 4753'
Amount of Surface Pipe Set and Cemented at 354' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2624' Feet
If Alternate II completion, cement circulated from 2624'
feet depth to surface w/ 350 sx cmt.

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. _____

9/29/09	10/8/09	11/18/09
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Drilling Fluid Management Plan *ATTN: MS 1-11-10*
(Data must be collected from the Reserve Pit)
Chloride content 2000 ppm Fluid volume 8000 bbls
Dewatering method used Haul off Excess - Natural Evaporation
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: *J.T. Mitchell*
Title: Vice President Field Operations Date: 12/7/09
Subscribed and sworn to before me this 18th day of December, 2009.
Notary Public: *Mary L. Riffel*
Date Commission Expires: 1-13-2010

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

OFFICIAL SEAL
MARY L. RIFFEL
MY COMMISSION EXPIRES
1-13-2010

RECEIVED
DEC 24 2009
KCC WICHITA

Operator Name: Hartman Oil Co., Inc Lease Name: Ward Well #: 10
 Sec. 16 Twp. 22 S. R. 33 East West County: Finney

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner Shale	3777'	-885'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3820'	-928'
List All E. Logs Run:		Marmanton	4302'	-1410'
		Ft.Scott	4407'	-1515'
		Morrow Shale	4601'	-1709'
		Miss St. Gene	4620'	-1728'
		St Louis "B"	4677'	-1785'
		LTD	4804'	-1912'

Dual Spaced Neutron Porosity Log - Microlog - Array
 Compensated Resistivity Log - Gamma Ray Cement
 Bond Log

DEC 23 2009 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	12-3/4'	8-5/8"	23#	354'	60/40 Poz	340	w/ 3% CC & 2% Gel
Production	7-7/8"	5-1/2"	15.5#	4800'	AMP & COM	250	10% SALT 5# GIL - 14# FLO SEAL
DV-TOOL				2624'	AMP & COM	350	1/4 FLO SEAL

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
2/SPF	St. Louis - 4678-84'	500 Gal 15% MA Acid	4678-84'
	CIBP		4670'
4/SPF	Morrow - 4615-19'	500 Gal 7-1/2% MA Acid	4615-19'
2/SPF	Cherokee - 4426-30'	375 Gal 15% MA Acid	4426-30'
2/SPF	Ft Scott - 4414-18'	375 Gal 15% MA Acid	4414-18'

TUBING RECORD	Size 2-7/8"	Set At 4635'	Packer At n/a	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 11/27/09	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 30.61	Gas Mcf 0	Water Bbls. 149.46	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, Submit ACO-18.) Other (Specify) _____

RECEIVED
 DEC 24 2009
 KCC WICHITA



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 120203
 Invoice Date: Oct 7, 2009
 Page: 1

Bill To:
Hartman Oil Co., Inc. H2 Drilling & H2 Trucking 3545 W. Jones Avenue Garden City, KS 67846

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Hart	Ward #10 81485	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 7, 2009	11/6/09

Quantity	Item	Description	Unit Price	Amount
50.00	MAT	Class A Common	15.45	772.50
300.00	MAT	AMD Class A	23.55	7,065.00
75.00	MAT	Flo Seal	2.50	187.50
400.00	SER	Handling - Top Stage	2.40	960.00
35.00	SER	Mileage 400 sx @.10 per sk per mi	40.00	1,400.00

New Completion

Dr. Muletter

10-13-09

OCT 14 2009

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

\$ **2596.25**

ONLY IF PAID ON OR BEFORE

Nov 6, 2009

Subtotal	10,385.00
Sales Tax	497.55
Total Invoice Amount	10,882.55
Payment/Credit Applied	
TOTAL	10,882.55

RECEIVED
 DEC 24 2009
 KCC WICHITA

ALLIED CEMENTING CO., LLC. 043731

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

SERVICE POINT:

0946ey

DATE <u>10-7-09</u>	SEC. <u>16</u>	TWP. <u>22</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION <u>4:00AM</u>	JOB START <u>3:30pm</u>	JOB FINISH <u>7:00pm</u>
LEASE <u>Ward</u>	WELL# <u>10</u>	LOCATION <u>Garden city</u>			COUNTY <u>Finney</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>9N 3W Ninto</u>		RECEIVED	

DEC 24 2009

CONTRACTOR H-2 Drilling Rig 3
 TYPE OF JOB Production (top stage)
 HOLE SIZE 7 7/8 T.D. 4800'
 CASING SIZE 5 1/2 DEPTH 4810.47'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL DV DEPTH 2632'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 43.24
 CEMENT LEFT IN CSG. 43.24
 PERFS. _____
 DISPLACEMENT 62.64

OWNER same

KCC WICHITA

CEMENT
 AMOUNT ORDERED 300 SKS AmD 1/4" FLO-seal
50 SKS com

EQUIPMENT

PUMP TRUCK CEMENTER Andrew
 # 422 HELPER Wayne
 BULK TRUCK
 # 396 DRIVER Darrin
 BULK TRUCK
 # 373 DRIVER Andrew

COMMON	<u>50 SKS</u>	@	<u>15.45</u>	<u>772.50</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
AmD	<u>300 SKS</u>	@	<u>23.50</u>	<u>7065.00</u>
		@		
		@		
FLO-seal	<u>75 #</u>	@	<u>2.50</u>	<u>187.50</u>
		@		
		@		
		@		
HANDLING	<u>400 SKS</u>	@	<u>2.40</u>	<u>960.00</u>
MILEAGE	<u>104 SK/mile</u>			<u>1400.00</u>

TOTAL 10385.00

REMARKS:

Plug Rat hole 30 SKS mix 270
SKS AmD followed by 50 SKS com
wash pump and lines clean. Displace
plug 800 LIFT 1800' Land
Plug landed TOOL closed
Cement did circulate

Thank you

CHARGE TO: Hartman oil

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 2632'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE @ _____
 MILEAGE 35 miles @ _____ N/C
 MANIFOLD @ _____
 @ _____
 @ _____

TOTAL N/C

PLUG & FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME James Shultz

SIGNATURE [Signature]

B.D



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

INVOICE

Invoice Number: 120202
 Invoice Date: Oct 7, 2009
 Page: 1

Bill To:
 Hartman Oil Co., Inc.
 H2 Drilling & H2 Trucking
 3545 W. Jones Avenue
 Garden City, KS 67846

OCT 14 2009

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Hart	Ward #10 81485	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 7, 2009	11/6/09

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	ASC Class A	18.60	2,790.00
100.00	MAT	AMD Class A	23.55	2,355.00
750.00	MAT	Gilsonite	0.89	667.50
25.00	MAT	Flo Seal	2.50	62.50
500.00	MAT	WFR-2	1.27	635.00
254.00	SER	Handling	2.40	609.60
35.00	SER	Mileage 254 sx @ .10 per sk per mi	25.40	889.00
1.00	SER	Production String - Bottom Stage	2,185.00	2,185.00
35.00	SER	Pump Truck Mileage	7.00	245.00
1.00	EQP	AFU Float	214.00	214.00
2.00	EQP	Baskets	161.00	322.00
10.00	EQP	Turbolizers	42.00	420.00
1.00	EQP	D V Tool	2,832.00	2,832.00

CONFIDENTIAL
 DEC 23 2009
 KCC
 New Completion
 At Mulehead
 10-13-09

RECEIVED
 DEC 24 2009
 KCC WICHITA

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

\$ 3556.65

ONLY IF PAID ON OR BEFORE

Nov 6, 2009

Subtotal	14,226.60
Sales Tax	638.48
Total Invoice Amount	14,865.08
Payment/Credit Applied	
TOTAL	14,865.08

ALLIED CEMENTING CO., LLC. 043730

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Corkley

DATE <u>10-7-09</u>	SEC. <u>16</u>	TWP. <u>22</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION <u>4:00 AM</u>	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>ward</u>	WELL # <u>10</u>	LOCATION <u>Garden city</u>			COUNTY <u>Finney</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>9N 3W N10</u>					

CONTRACTOR <u>H-2 Drilling Rig 3</u>	OWNER <u>same</u>
TYPE OF JOB <u>Production (Bottom stage)</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4800</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>4810.47</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>DV</u>	DEPTH <u>2632'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>43.24</u>
CEMENT LEFT IN CSG. <u>43.24</u>	
PERFS.	
DISPLACEMENT <u>113.46</u>	<u>50.81 62164</u>
EQUIPMENT <u>water mud</u>	
PUMP TRUCK # <u>422</u>	CEMENTER <u>Andrew Terry</u>
BULK TRUCK # <u>323</u>	HELPER <u>wayne</u>
BULK TRUCK # <u>396</u>	DRIVER <u>Andrew</u>
<u>new 432</u>	DRIVER <u>Darrin Alan</u>

CEMENT		
AMOUNT ORDERED	<u>100 SKS AMD 1/4 Flo-seal</u>	
	<u>150 SKS ASC 10% salt 5# Gilsonite</u>	
	<u>2% gel 500 gal WFR-2</u>	
COMMON	<u>DEC 23 2009</u>	@
POZMIX		@
GEL	<u>KCC</u>	@
CHLORIDE		@
ASC	<u>150 SKS</u>	@ <u>18.60 2790.00</u>
	<u>AMD 100 SKS</u>	@ <u>23.55 2355.00</u>
	<u>Gilsonite 750#</u>	@ <u>.89 667.50</u>
	<u>Flo-seal 25#</u>	@ <u>2.50 62.50</u>
	<u>WFR-2 500 gal</u>	@ <u>1.27 635.00</u>
	<u>HANDLING 254 SKS</u>	@ <u>2.40 609.60</u>
	<u>MILEAGE 10¢ SK/mile</u>	<u>889.00</u>
		TOTAL <u>8008.60</u>

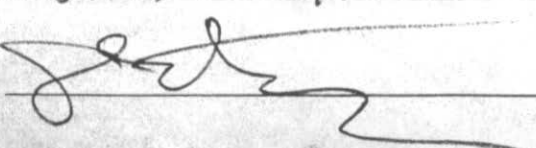
REMARKS:
Pump 5 BBL water 500 gal WFR-2
Followed by 5 BBL water, mix 100 SKS
AMD Followed by 150 SKS ASC, wash
Pump and Lines Clean Displace
Plug 800# LIFT pressure Plug
Landed 1700# float held. Drop
Opening TOOL, open DV TOOL 1300#.
Thank you

DEPTH OF JOB	<u>4810.47</u>	
PUMP TRUCK CHARGE		<u>2185.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>35 miles</u>	@ <u>7.00 245.00</u>
MANIFOLD	@	
RECEIVED	@	
DEC 24 2009		TOTAL <u>2430.00</u>

CHARGE TO: Hartman oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

KCC WICHITA		
PLUG & FLOAT EQUIPMENT		
<u>5 1/2</u>		
<u>1 Aft float shoe</u>	@	<u>214.00</u>
<u>2 Baskets</u>	@	<u>161.00 332.00</u>
<u>10 Turbo Lizers</u>	@	<u>42.00 420.00</u>
<u>1 DV TOOL</u>	@	<u>2832.00</u>
		TOTAL <u>3788.00</u>

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cement and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME James Schultz
 SIGNATURE 

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS
Bid