

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

2/18/13

Operator: License # 30535
Name: Hartman Oil Co., Inc
Address: 10500 E. Berkeley Sq. Parkway, Suite 100
City/State/Zip: Wichita, Ks. 67206
Purchaser: NCRA
Operator Contact Person: Stan Mitchell
Phone: (620) 277-2511
Contractor: Name: H2 Drilling
License: 33793
Wellsite Geologist: Steve Murphy

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

11/17/10 12/02/10 1/17/11
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-055-22088-00-00
County: Finney
SE NE SW NE Sec. 28 Twp. 22 S. R. 33 East West
1880' feet from S / N (circle one) Line of Section
1500' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Damme Well #: 43
Field Name: Damme
Producing Formation: Morrow
Elevation: Ground: 2888' Kelly Bushing: 2898'
Total Depth: 4850' Plug Back Total Depth: 4824'
Amount of Surface Pipe Set and Cemented at 1690' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth 'set _____ Feet
If Alternate II completion, cement circulated from 1680'
feet depth to Surface w/ 700 sx cmt.

Drilling Fluid Management Plan AHINS 32-11
(Data must be collected from the Reserve Pit)
Chloride content 2200 ppm Fluid volume 8000 bbls
Dewatering method used 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: A. J. Mitchell
Title: Vice President/Field Operations Date: 2/11/11
Subscribed and sworn to before me this 11th day of February,
20 11.
Notary Public: Grinda Chanel Nisiss
Date Commission Expires: 08/27/2014

KCC Office Use ONLY
 Letter of Confidentiality Received 2/18/11 - 2/18/13
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
FEB 22 2011

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Operator Name: Hartman Oil Co., Inc Lease Name: Damme Well #: 43
 Sec. 28 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	3798'	-900'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3818	-920'
List All E. Logs Run:		Marmaton	4330'	-1432'
		Pawnee	4408'	-1510'
		Fort Scott	4440'	-1542'
		Morrow Sand	4644'	-1746'
		Miss (St Gene)	4712'	-1814'
		St Louis "C"	4757'	-1859'

Array Compensated True Resistivity Log - Dual
 Spaced Neutron Spectral Density Log - Microlog -
 Sonic Cement Bond Log

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	12-3/4'	8-5/8"	24#	1690'	65/35 poz & common	700	w/ 2% Gel + 3% CC
Production	7-7/8"	5-1/2"	15.5#	4850'	LITE & Class A	350	w/10% salt+5%Gilsonite

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 <i>(Amount and Kind of Material Used)</i>	Depth
6/SPF	4756-64' (8') - St. Louis	500 Gal MCA Acid	4756-64'
	CIBP		4740'
4/SPF	4670-74' (4)' Morrow Sd	600 Gal 7-1/2" MCA Acid	4670-74'
8/SPF	4694-4702' (8)' Morrow Sd	1500 Gal 7-1/2" % neffe Acid	4694-4702'

TUBING RECORD		Size Set At	Packer At	Liner Run
2-7/8"		4715'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 1/17/11		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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
	8.39	0	37.79	31.1@54

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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HARTMAN OIL CO., INC.

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DRILLED
11/17/2010

2898'

HARTMAN OIL CO., INC.
kb

LEASE- DAMME

WELL NO. #42

FIELD NAME DAMME
1880' FNL & 1500' FEL
LOCATION SE-NE-SW-NE
SEC. 28-22S-33W
FINNEY CO., KS.

8-5/8" 24# (NEW) @ 1690' (CMT)
w/ 550 sks 65/35 poz w/ 6% Gel - 3/4# flo-seal + 150 sks common w/3% CC - 3/4# flo-seal
NOTE: - CEMENT CIRCULATED TO SURFACE

12/15/2010

= 4694-4702" MORROW SAND
SN @ 4714'

2-1/2"x2"x14'

12/15/2010

= 4670-74' MORROW SAND

RWTC

12/15/2010

XXXXXXXX

4740'

12/13/2010

X 4756-64' St. Louis

PBTD

XXXXXXXX

4874'

CSG TD

XXXXXXXX

5-1/2" - 15.5# (NEW) @ 4850' - W/ 200 SXS LITE W/ 1/4 # FOLSEAL + 150 SXS ASC w 2% Gel
10 % SALT + 5 % GILSONITE

STAN MITCHELL

RECEIVED
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ALLIED CEMENTING CO. LLC. 035612

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

SERVICE POINT:
Outlets
11-19-10

DATE <u>11-18-10</u>	SEC. <u>28</u>	TWP. <u>22</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION <u>3:00pm</u>	JOB START <u>6:30am</u>	JOB FINISH <u>2:00pm</u>
LEASE <u>Damme</u>		WELL# <u>43</u>		LOCATION <u>Gardner City 90-30-</u>		COUNTY <u>Fewell</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>112N - W11</u>			

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CONTRACTOR H2 #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1691

CASING SIZE 8 7/8 DEPTH 1691

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 45 23

CEMENT LEFT IN CSG. 45 22

PERFS. _____

DISPLACEMENT 104.8 BALS

OWNER _____

CEMENT AMOUNT ORDERED 550 Lbs 390cc

1 1/4 Clo-sol

150 ccw 390cc

COMMON	<u>150</u>	@	<u>15 45</u>	<u>2317 50</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>23</u>	@	<u>20 00</u>	<u>478 00</u>
ASC		@		
LINE (65/356%)	<u>550</u>	@	<u>14 00</u>	<u>8140 00</u>
		@		
<u>Clo-sol</u>	<u>138 4</u>	@	<u>2 50</u>	<u>345 00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>758</u>	@	<u>2 45</u>	<u>1819 00</u>
MILEAGE	<u>104.8 km</u>			<u>3790 00</u>
TOTAL				<u>16890 00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

431 HELPER Kelly

BULK TRUCK

396 DRIVER Damm

BULK TRUCK

394 DRIVER Seery

REMARKS:

Cement did circulate

approx 50 bbls

plugdown @ 1:35pm

Thanks Fuzzy & crew

CHARGE TO: Hartman Oil

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 1691

PUMP TRUCK CHARGE 2011 00

EXTRA FOOTAGE @ _____

MILEAGE 50 @ 7 00 350 00

MANIFOLD @ _____

TOTAL 2361 00

PLUG & FLOAT EQUIPMENT

1 rubber plug 74 00

1 AFU insert @ 158 00

2 Baskets @ 221 00 442 00


3-Cent @ 49 00 147 00

TOTAL 821 00

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 

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

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KCC WICHITA

ALLIED CEMENTING CO. LLC. 040853

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

KCC
FEB 18 2011

SERVICE POINT:
Ogkley

DATE <u>12-2-10</u>	SEC. <u>28</u>	TWP. <u>22</u>	RANGE <u>33</u>	CALLED OUT IN <u>11</u>	ON LOCATION	JOB START <u>10:30pm</u>	JOB FINISH <u>11:30pm</u>
LEASE <u>Vanme</u>	WELL # <u>43</u>	LOCATION <u>Gardencity 9N 3W</u>	COUNTY <u>Finney</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one)		<u>KN Wind</u>					

CONTRACTOR <u>H2 Drilling Rig 1</u>	OWNER <u>same</u>
TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>2 7/8</u>	T.D. <u>4850'</u>
CASING SIZE <u>5/2</u>	DEPTH <u>4854.04'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>14.58</u>
CEMENT LEFT IN CSG. <u>14.58</u>	
PERFS.	
DISPLACEMENT <u>115.17 BBL</u>	
EQUIPMENT	
PUMP TRUCK # <u>423-281</u>	CEMENTER <u>Andrew</u>
	HELPER <u>Larene</u>
BULK TRUCK # <u>323</u>	DRIVER <u>Wil</u>
BULK TRUCK #	DRIVER

CEMENT AMOUNT ORDERED <u>200 SKS Lite 5# Gilsonite</u>		
<u>4 Flo-seal 150 SKS ASC 10# Salt</u>		
<u>5# Gilsonite 2# Gel</u>		
COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC <u>150 SKS</u>	@ <u>18.60</u>	<u>2790.00</u>
<u>Lite 200 SKS</u>	@ <u>14.05</u>	<u>2810.00</u>
<u>Gilsonite 1250#</u>	@ <u>0.89</u>	<u>1552.50</u>
<u>Salt 12 SKS</u>	@ <u>23.95</u>	<u>467.15</u>
<u>Flo-seal 50#</u>	@ <u>2.50</u>	<u>125.00</u>
HANDLING <u>434 SKS</u>	@ <u>2.40</u>	<u>1041.60</u>
MILEAGE <u>10# 55/mile</u>		<u>2100.00</u>
		TOTAL <u>10521.25</u>

REMARKS:

Ramp 5 BBL water ahead plug
in case hole 20 SKS Rot hole 30 SKS
MIX 150 SKS Lite followed by 150
SKS ASC down 5# casing wash
Pump and line clean Displace
Plug 1200' LIFT Pressure 1800'
Land Plug Float held Good
Circulation thru out 500'
Thank you

SERVICE

DEPTH OF JOB <u>4854.04'</u>		
PUMP TRUCK CHARGE		<u>2185.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>50 miles</u>	@ <u>7.00</u>	<u>350.00</u>
MANIFOLD	@	
		TOTAL <u>2535.00</u>

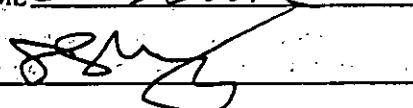
CHARGE TO: Hartman oil
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>5/2</u>		
<u>1 AFU Float shoe</u>	@	<u>214.00</u>
<u>1 Lock down Plug Assy</u>	@	<u>164.00</u>
<u>10 Centralizers</u>	@ <u>35.00</u>	<u>350.00</u>
<u>(w) 2 Baskets</u>	@ <u>16.00</u>	<u>32.00</u>
		TOTAL <u>1050.00</u>

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PRINTED NAME James Shu H2
SIGNATURE 

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

RECEIVED
FEB 22 2011
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