

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

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 - 055-22047-00-00
County: Finney
SW NE SE Sec. 16 Twp. 22 S. R. 33 East West
1650' 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: Ward Well #: 8
Field Name: Damme
Producing Formation: Ft. Scott - Marmanton
Elevation: Ground: 2894' Kelly Bushing: 2902'
Total Depth: 4812' Plug Back Total Depth: 4763'
Amount of Surface Pipe Set and Cemented at 344' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2640' Feet
If Alternate II completion, cement circulated from 2640'
feet depth to surface w/ 350 sx cmt.

Drilling Fluid Management Plan AH II NCR 1-22-10
(Data must be collected from the Reserve Pit)
Chloride content 4500 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.:

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.

8/17/09	8/29/09	9/18/09
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Original
 Spud Date: 8/17/09
 Date Reached TD: 8/29/09
 Completion Date: 9/18/09

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: Stan 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 G. Riffel
Date Commission Expires: 1-13-2010

Y! ONLY 1 LOG RECD 1/15/10
KCC Office Use ONLY (MICROLOG)
Letter of Confidentiality Received
If Denied, Yes Date: 1/15/10
Wireline Log Received
Geologist Report Received
UIC Distribution



RECEIVED
DEC 24 2009
KCC WICHITA

Operator Name: Hartman Oil Co., Inc Lease Name: Ward Well #: 8
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Spaced Neutron Porosity Log - Microlog - Array Compensated Resistivity Log - Gamma Ray Cement Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner Shale</td> <td>3781'</td> <td>-879'</td> </tr> <tr> <td>Lansing</td> <td>3824'</td> <td>-922'</td> </tr> <tr> <td>Marmanton</td> <td>4322'</td> <td>-1420'</td> </tr> <tr> <td>Ft.Scott</td> <td>4434'</td> <td>-1532'</td> </tr> <tr> <td>Morrow Shale</td> <td>4638'</td> <td>-1736'</td> </tr> <tr> <td>Miss St. Gene</td> <td>4650'</td> <td>-1748'</td> </tr> <tr> <td>St Louis "B"</td> <td>4708'</td> <td>-1806'</td> </tr> <tr> <td>LTD</td> <td>4812'</td> <td>-1910'</td> </tr> </table>	Name	Top	Datum	Heebner Shale	3781'	-879'	Lansing	3824'	-922'	Marmanton	4322'	-1420'	Ft.Scott	4434'	-1532'	Morrow Shale	4638'	-1736'	Miss St. Gene	4650'	-1748'	St Louis "B"	4708'	-1806'	LTD	4812'	-1910'
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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"	23#	334'	60/40 Poz	225	w/ 3% CC & 2% Gel
Production	7-7/8"	5-1/2"	15.5#	4812'	AMP & ASC	250	10% SALT 5# GIL - 14# FLO SEAL
DV-TOOL				2640'	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
3/SPF	Miss - 4708-11'	500 Gal 15% MA Acid	4708-11'
	CIBP @ 4650'		4650'
3/SPF	Ft. Scott - 4438-41'	500 Gal 15% MA Acid	4438-41'
3/SPF	Marmanton - 4348-50'	500 Gal 15% MA Acid	4348-50'

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	4635'	n/a		
Date of First, Resumerd Production, SWD or Enhr. 9/18/09			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	21.96	0	26.74			

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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DEC 24 2009

KCC WICHITA



HARTMAN OIL CO. INC.

10500 E. BERKELEY SQUARE PARKWAY, SUITE 100 • WICHITA, KANSAS 67206
PHONE: 316-636-2090 • FAX: 316-636-1155
WWW.HARTMANOIL.COM

January 13, 2010

Maggie Marcotte
Kansas Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS. 67202

**RE: Ward #8
Section 16-22S-33W
Finney County, KS**

Dear Maggie:

Please find attached the ACO-1 for the above captioned lease.

We are requesting that the information for the above referenced well be held in confidence for 2 years or 24 months.

Thank you for your consideration to this request, and if you should require any additional information, please contact this office.

Sincerely,
HARTMAN OIL CO., INC.

Catherine Hartman-Stucky
Production Analyst

Enc.

RECEIVED
JAN 15 2010
KCC WICHITA

ALLIED CEMENTING CO., LLC. 043582

ATTN: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley, Ks

DATE <u>8-28-09</u>	SEC <u>16</u>	TWP. <u>22^s</u>	RANGE <u>33^w</u>	CALLED OUT	ON LOCATION <u>11:00 AM</u>	JOB START <u>9:00 PM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>Ward</u>	WELL # <u>8</u>	LOCATION <u>83 + Barlow Rd, 3W-1/2N</u>		COUNTY <u>Finnery</u>	STATE <u>Kan</u>		
OLD OR NEW (Circle one):							

CONTRACTOR H-2 Dels #3

TYPE OF JOB Production string Top Stage

HOLE SIZE 7 7/8 T.D. 4816

CASING SIZE 5 1/2 DEPTH 4815'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL D.V. - 2640' DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

OWNER Same

CEMENT:

AMOUNT ORDERED 300 SKS AMD, 1/4# Flo-Seal

50 SKS COM

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 63 - BBL Water

COMMON	<u>50 SKS</u>	@ <u>15.45</u>	<u>772.50</u>
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER Walt

423-281 HELPER Kelly

BULK TRUCK

373-307 DRIVER Lurene

BULK TRUCK

394-287 DRIVER Darrin

AMD	<u>300 SKS</u>	@ <u>23.55</u>	<u>7,065.00</u>
Flo-Seal	<u>75#</u>	@ <u>2.50</u>	<u>187.50</u>

HANDLING	<u>459 SKS</u>	@ <u>2.40</u>	<u>1,101.60</u>
MILEAGE	<u>10 @ 1 SK/mile</u>		<u>1,606.50</u>
TOTAL			<u>10,733.10</u>

REMARKS:

Opened Tool + Circ 3 hrs
mix 30 SKS in R.H.
mixed 270 SKS AMD Tail in top of 50
SKS COM, Clear Pump + Lines
release Plug + Displace 63 BBL
Water @ 650#, Landed Plug @ 2000'
release Pressure, Tool Held
Cement did circulate. Thank You

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>N/C</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>35 miles</u>	@ <u>200</u>	<u>N/C</u>
MANIFOLD		@	

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KCC WICHITA

TOTAL N/C

PLUG & FLOAT EQUIPMENT

CHARGE TO: Hartman Oil

STREET _____

CITY _____ STATE _____ ZIP _____

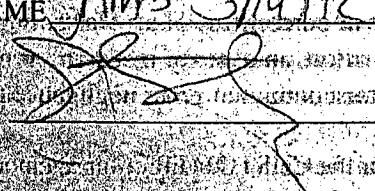
To Allied Cementing Co., LLC:

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.

SALES TAX (If Any) _____

TOTAL CHARGES _____

PRINTED NAME James Schultz

SIGNATURE 

DISCOUNT _____ IF PAID IN 30 DAYS

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

SERVICE POINT

043693

DATE 8-17-09	SEC. 16	TWP. 22	RANGE 33	CALLED OUT	ON LOCATION 5:30 pm	JOB START 5:30 am	JOB FINISH 6:00 am
WARD	WELL # 48	LOCATION Barlow Rd + Chmelka Rd			COUNTY Finney	STATE KS	
OLD OR NEW (Circle one)				1126 new in			

CONTRACTOR Hg #3	OWNER
TYPE OF JOB Surface	CEMENT
HOLE SIZE 12 1/4 T.D. 340'	AMOUNT ORDERED 225 60/40 390c
CASING SIZE 8 1/8 28" DEPTH 345'	290 gel
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON 135 @ 15.00 2092.5
MEAS. LINE SHOE JOINT	POZMIX 90 @ 8.00 720.0
CEMENT LEFT IN CSG. 15'	GEL 5 @ 20.80 104.0
PERFS.	CHLORIDE 7 @ 58.20 407.4
DISPLACEMENT 20.5	ASC @

EQUIPMENT

PUMP TRUCK # 431	CEMENTER Fuzza	HELPER Kelly
BULK TRUCK # 377	DRIVER Darnie	
BULK TRUCK #	DRIVER	

HANDLING 225 @ 2.40	300.0
MILEAGE 110494 ms (2)	300.0
TOTAL	3923.0

REMARKS:

Cement did circulate
Job complete @ 5:45 am
Thanks Fuzza + crew

CHARGE TO: Hartman Oil Co.
STREET _____
CITY _____ STATE _____ ZIP _____

DEPTH OF JOB	
PUMP TRUCK CHARGE	1018.00
EXTRA FOOTAGE @	
MILEAGE 15 @ 7.00	105.00
MANIFOLD @	
TOTAL	1123.00

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JAN 15 2010

KCC WICHITA
PLUG & FLOAT EQUIPMENT

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PRINTED NAME James Shultz

SIGNATURE [Signature]

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

Bid