

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

RECEIVED
KANSAS CORPORATION COMMISSION
September 1999
Form Must Be Typed

ORIGINAL
APR 28 2008

CONSERVATION DIVISION
WICHITA, KS

Operator: License # 30535
Name: Hartman Oil Co., Inc.
Address: 12950 E 13th St. N.
City/State/Zip: Wichita, Ks. 67230-1457
Purchaser: NCRA
Operator Contact Person: Stan Mitchell
Phone: (620) 277-2511
Contractor: Name: H2 Drilling (Rig #2)
License: 33793
Wellsite Geologist: _____
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. _____
3/19/08 3/29/08 4/7/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 193-20735-0000
County: THOMAS
SW NW SW SW Sec. 21 Twp. 8 S. R. 32 East West
674' feet from (S) N (circle one) Line of Section
220' feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Taylor Well #: 1-21
Field Name: wildcat
Producing Formation: Kansas City
Elevation: Ground: 3096' Kelly Bushing: 3107'
Total Depth: 4730' Plug Back Total Depth: 4683'
Amount of Surface Pipe Set and Cemented at 366' - w/260 sks Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set DV -TOOL @ 2690' Feet
If Alternate II completion, cement circulated from 2690'
feet depth to SURFACE w/ 500 sx cmt.
Alt 2-Dlg - 6/25/08
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 2600 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: L. J. Mitchell
Title: Vice President Field Operations Date: 4/23/08
Subscribed and sworn to before me this 23rd day of April,
20 08
Notary Public: Linda Chanel Neises
Date Commission Expires: 08/27/2010

KCC Office Use ONLY

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

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

RECEIVED
KANSAS CORPORATION COMMISSION

Operator Name: Hartman Oil Co., Inc. Lease Name: Taylor Well #: 1-21
 Sec. 21 Twp. 8 S. R. 32 East West County: THOMAS
APR 28 2008

CONSERVATION DIVISION
MCHIAI KS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of logs showing 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" 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	Anhy	2725'	+382'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4068'	-961'
List All E. Logs Run:		Lansing	4110'	-1003'
		Stark Shale	4306'	-1199'
		Pawnee	4479'	-1372'
		Ft Scott	4550'	-1443'
		Cherokee Shale	4579'	-1472'
		Mississippi	4678'	-1571'

Dual Induction Log - Dual Compensated Porosity
 Log - Sonic Cement Bond Log - Microresistivity
 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"	23#	366'	common	260	3 % CC - 2 % gel
Production	7-7/8"	5-1/2"	15.5#	4728'	asc & lite	175 & 125	1/4# Flo Seal
				DV @ 2690'	com & lite	50 & 450	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 <i>(Amount and Kind of Material Used)</i>	Depth
2 / SPF	4650'-58' Johnson	750 gal 15% MA acid	4450-58'
	CIBP @ 4643'		
4 / SPF	4596-4602' Cherokee	500 Gal 15% MA acid	4596-4602'

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		144 Jts. 2-7/8"	4625'			
Date of First, Resumerd Production, SWD or Enhr. 4/11/08			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	
	63	N/A	1.67			

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) _____

HARTMAN OIL CO., INC.

DRILLED
3/19/2008

HARTMAN OIL CO., INC.

Elev. 3096' GL

LEASE- Taylor

WELL NO. 1-21

FIELD NAME Wildcat

LOCATION NW-SW-SW
SEC. 21-08S-32W
Thomas CO., KS.

366' of 8-5/8" 23# surface
w/260 sx, 2% gel, 3% cc

X DV - Tool @ 2690' w/ 500 sks - Note: cement circulated to surface

X | X

4560' anchor catcher

= 4596-4602' Cherokee
SN @ 4625' 2-7/8" tbg

XXXXXXX

4643' CIBP
= 4650-58' Johnson

XXXXXXX

4683'

XXXXXXX

TD 4720'

5-1/2' 15.5# csg @ 4728' w/125 sxs ASC + 175 sks lite w/ 1/4 # Flo Seal

PBTD
CSG TD

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CONSERVATION DIVISION
WICHITA, KS

STAN MITCHELL

Well Completion
Taylor 1-21

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KANSAS CORPORATION COMMISSION

Taylor 1-21
21-8S-32W
Thomas, Kansas

APR 28 2008

CONSERVATION DIVISION
WICHITA, KS

4-1-08

MIRU – Plains Well Service – TIH w/ 4 7/8" bit on 2 7/8" TBG – Tag @ 2690' – Shut In

4-2-08

Hook up Key Rental mud pump & power swivel – Broke circulation – Drilled out DV-Tool @ 2690' – PSI test to 300# (ok) – RIH w/ bit to PBSD tag @ 4683' – Circulated clean – POOH w/ bit

4-3-08

Log Tech ran CBL from PBSD 4683' to 2545' – RIH w/ csg swab – Swab fluid down to 2500' – Log Tech perforated Johnson @ 4650–58' (2/SPF) 8' – RIH w/ CSG swab FL @ 2500' – Swab down to 4100' – RIH w/ PKR – Spot acid across perfs 4650-58' – Set PKR @ 4570' – Treated w/ 750 Gal 15% MA acid @ max 1900# @ 4.25 BPM – ISIP @ 1500# total load 50 Bbl – 15 min holding 1000# - Bled back 2.5 Bbls - RIH w/swab FL @ surface – Swab down to SN – Recovered 46 Bbl – Shut In

4-4-08

TBG PSI (small blow) – RIH w/ swab – FL @ 3900' FS – 1st pull (Recovered 750' fluid, 200' oil) 2nd run TBG dry – Log Tech set CIBP @ 4643' – Perforated Cherokee @ 4596–4602' (6') (4/SPF) – RIH w/ CSG - Swab FL @ 3750' – 1st Pull (Show of oil & gas) 38% oil – 2nd pull FL @ 3750' (Good show oil & gas) @ 82% oil – 3rd pull FL @ 3800' (Recovered all oil) – RIH w/ PKR on 2 7/8" TBG – Spot acid across perfs – treated w/ 500 Gal 15% MA acid @ max 1500# @ 2.5 BPM - ISIP @ 1200# - Vac in 2 min – shut in 30 min – total load 42 Bbl – RIH w/ swab – FL @ 1000' FS – Swab back 52 Bbls FL @ 2350' (Good oil show) @ 86% - Swab back 52 Bbls - FL @ 2350' (Good oil show) @ 86% - Shut In – TBG & CSG

4-7-08

TBG PSI @ 40# - CSG PSI (small blow) – RIH w/ swab – FL @ 850' – FS – Pull 1000' (All oil) – Released PKR & POOH – RIH w/ MA, SN, 2 Jts 2 7/8" TBG, AC + 142 Jts TBG & (2) 6' TBG subs – Set AC @ 20,000# over TBG WT – SN @ 4625' – RIH w/ 2 ½" X 1 1/2" X 18' TWBC on 183 New ¾" Grade "D" Rods

4-8-08

Set New 10' X 15' 210 Bbl FG Gunbarrel – New 12' X 10' 200 Bbl FG water tank – (2)
New 12' X 10' 200 Bbl - Steel Stock Tanks – Transfer oil & water from swab tank

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

32181

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

SERVICE POINT:

Over, KS

DATE <u>3-19-08</u>	SEC. <u>21</u>	TWP. <u>1</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>11:00 AM</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>Taylor</u>	WELL# <u>1-21</u>		LOCATION <u>Over, KS</u>			COUNTY <u>Taylor</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR H...-2

TYPE OF JOB Surface

HOLE SIZE 17 1/2 T.D. 366

CASING SIZE 2 1/2 DEPTH 366

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 22,300 lbs

OWNER _____

CEMENT

AMOUNT ORDERED 260 cases 392.00

COMMON 260 @ 14.25 3692.00

POZMIX _____ @ _____

GEL 5 @ 18.45 92.25

CHLORIDE 9 @ 5.25 47.25

ASC _____ @ _____

HANDLING 274 @ 2.15 589.10

MILEAGE 109 x 4 miles 419.00

TOTAL 5266.12

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzie

421 HELPER Jack

BULK TRUCK

399 DRIVER Tom

BULK TRUCK

_____ DRIVER _____

REMARKS:

cement and ...

Plug down @ 2:30 AM

Thanks Fuzzie & crew

SERVICE

DEPTH OF JOB 366

PUMP TRUCK CHARGE 917.00

EXTRA FOOTAGE 66 @ 1.80 119.00

MILEAGE 17 @ 7.00 119.00

MANIFOLD head @ _____ 113.00

TOTAL 1201.00

PLUG & FLOAT EQUIPMENT

1 1/2" plug @ _____ 62.00

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 62.00

CHARGE TO: Handyman & Co.

STREET _____

CITY _____ STATE RECEIVED
KANSAS CORPORATION COMMISSION

APR 28 2008

To Allied Cementing Co., Inc. CONSERVATION DIVISION
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 [Signature]

[Signature]
PRINTED NAME

ALLIED CEMENTING CO., INC.

32188

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

SERVICE POINT: Oshtemo

DATE <u>3-22-08</u>	SEC. <u>21</u>	TWP. <u>7</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>4</u>	JOB START <u>11:00</u>	JOB FINISH <u>12:00</u>
LEASE <u>Tn. 1-2</u>	WELL# <u>1-2-1</u>	LOCATION <u>Oshtemo</u>			COUNTY <u>TOWNSHIP</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR NJ #2
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 4720'
 CASING SIZE 5 1/2 IS. S DEPTH 4687'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DV DEPTH 2755'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 38'
 CEMENT LEFT IN CSG. 33'
 PERFS.
 DISPLACEMENT 65.5 cu ft - 1/2 bucket

OWNER
 CEMENT
 AMOUNT ORDERED 125 4.10
175 2.20
5 1/58

EQUIPMENT
 PUMP TRUCK # 431 CEMENTER
 HELPER
 BULK TRUCK # 373 DRIVER
 BULK TRUCK DRIVER

COMMON @
 POZMIX @
 GEL 3 @ 18.5 56.25
 CHLORIDE @
 ASC 125 @ 16.25 2031.25
 @
Salt 16 @ 21.00 336.00
 @
Salt 225 @ 3.00 675.00
 @
6.40 @ 12.00 76.80
 @
5.00 @ 13.50 67.50
 HANDLING 365 @ 2.10 766.50
 MILEAGE 394 @ 1.70 670.00
 TOTAL 6863.05

REMARKS:

Mix 125 sacks 4.10 @ 517.50
Tail on with 175 sacks ASC 2.20 @ 385.00
160 cu ft 5 1/2 @ 1.75 @ 280.00
4 hours Displace @ 1.00 @ 400.00
1000' Land pump @ 1.00 @ 1000.00
1000' Displace @ 1.00 @ 1000.00
1000' Tail @ 1.70 @ 1700.00
1000' Displace @ 1.00 @ 1000.00

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE 1969.00
 EXTRA FOOTAGE @
 MILEAGE 12 @ 7.00 84.00
 MANIFOLD 113.00
 @
 @

CHARGE TO: Hardman Oil Co.
 STREET
 CITY STATE ZIP

TOTAL 2166.00

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To Allied Cementing Co., Inc.
 You are hereby requested to furnish cement and helper
 and furnish cementer and helper
 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.

PLUG & FLOAT EQUIPMENT

1 - 1/2" Plug float 329.00
1 - 1/2" Plug float @ 462.00
1 - DV Tool @ 4300.00
10 - Cement sacks @ 57.00 570.00
2 - Gas Pats @ 186.00 372.00
 @

TOTAL 6433.00

TAX
 TOTAL CHARGE
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME

ALLIED CEMENTING CO., INC. 32189

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

SERVICE POINT: OAKLAND, KS

DATE <u>3-28-08</u>	SEC. <u>21</u>	TWP. <u>8</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Taylor</u>	WELL# <u>1-21</u>		LOCATION <u>Clinton, Mo.</u>			COUNTY	STATE <u>KS</u>
OLD OR NEW: (Circle one)							

CONTRACTOR H. J. ...

TYPE OF JOB 2-stage

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH 2755'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 1/4" 65.5

OWNER _____

CEMENT

AMOUNT ORDERED 450 lb. 112"

6.1 lb. 2125

50 @ 14.20 710.00

POZMIX @ _____

GEL @ _____

CHLORIDE @ _____

ASC @ _____

1 lb 425 @ 12.65 5376.25

6.1 lb. 2125 @ .70 1700.00

2 lb 2125 @ 2.25 477.50

HANDLING 500 @ 2.5 1251.00

MILEAGE 628 @ .10 62.80

TOTAL 10143.75

EQUIPMENT

PUMP TRUCK CEMENTER # 131

BULK TRUCK # 399 DRIVER

BULK TRUCK # 4108 DRIVER

REMARKS:

min 10 gals MH

min 15 gals BH min 400 gals

1/4" 65.5 @ 1/2" 425

with 500 lbs cement washout pump

1/4" 65.5 @ 1/2" 425

1/4" 65.5 @ 1/2" 425

plus down E 515.00

CHARGE TO: Northwood Oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

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To Allied Cementing CONSERVATION DIVISION
You are hereby requested to furnish 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.

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB 2755'

PUMP TRUCK CHARGE 1075.00

EXTRA FOOTAGE @ _____

MILEAGE @ _____ WC

MANIFOLD @ _____

TOTAL 1075.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____