

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1-14-10  
Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM ORIGINAL  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30535  
Name: Hartman Oil Company  
Address: 12950 E. 13th  
City/State/Zip: Wichita, Kansas 67230  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jim Morton  
Phone: (820) 791-7187  
Contractor: Name: H2 Drilling LLC Rig 2  
License: 33793  
Wellsite Geologist: James Musgrove

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. \_\_\_\_\_

11-8-07 11-9-07 12-4-07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

per Oper-KCC-Dlg

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API No. 15 - 185-23484 00-00  
County: Stafford  
W/2 NW NW Sec. 6 Twp. 22 S. R. 12  East  West  
660 feet from S (N) (circle one) Line of Section  
460 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: ESP Well #: 1-6

Field Name: Drach  
Producing Formation: Arbuckle  
Elevation: Ground: 1869 Kelly Bushing: 1880  
Total Depth: 3762 Plug Back Total Depth: 3742

Amount of Surface Pipe Set and Cemented at 288 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 AK INJ 3720  
(Data must be collected from the Reserve Pit)  
Chloride content <50 ppm Fluid volume 1020 bbls  
Dewatering method used Free Fluid Hauled Off

Location of fluid disposal if hauled offsite:  
Operator Name: Hartman Oil Company  
Lease Name: Panning License No.: 30535  
Quarter SW Sec. 35 Twp. 19 S. R. 12  East  West  
County: Barton Docket No.: D19,739

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: James L. Morton  
Title: Production Supt. Date: 1-07-08

Subscribed and sworn to before me this 7<sup>th</sup> day of January,  
20 08.

Notary Public: Linda Chanel Neises  
Notary Public State of Kansas  
Date Commission Expires: 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

JAN 15 2008

Operator Name: Hartman Oil Company Lease Name: ESP Well #: 1-6  
 Sec. 6 Twp. 22 S. R. 12  East  West County: Stafford

**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)

List All E. Logs Run:

Dual Induction, Compensated Neutron,  
 Compensated Density

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<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name Top Datum	
	Hebner Shale 3153 -1273	
	Toronto 3177 -1297	
	Douglas Shale 3191 -1311	
	Lansing 3302 -1422	
	BKC 3530 -1650	
	Viola 3550 -1670	
	Simpson Shale 3596 -1716	
	Arbuckle 3649 -1769	

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 Pipe	12.25"	8.625"	24	288	Common	300	
Production	7.875"	5.50	14	3761	ASC	150	

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
2	3721-3725	250 Gal. 15% Ne Acid	
	CIBP		3700'
2	3649-3654	250 Gal 15% NE Acid	
		500 Gal 15% NE Acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2.875	3452	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
Est. 1-30-08	<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
	NA				

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: \_\_\_\_\_

RECEIVED  
 KANSAS CORPORATION COMMISSION

JAN 15 2008

CONSERVATION DIVISION  
 WICHITA, KS

# ALLIED CEMENTING CO., INC.

30916

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

SERVICE POINT:  
Green Bend

DATE <u>11-3-07</u>	SEC. <u>6</u>	TWP. <u>22</u>	RANGE <u>12</u>	CALLED OUT <u>11:00 AM</u>	ON LOCATION <u>12:30 PM</u>	JOB START <u>11:00 PM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>ESP</u>	WELL # <u>1-6</u>	LOCATION <u>281 + K19, 3E, 1/2 N, E/4</u>			COUNTY <u>Stafford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR H-Z Drilling

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4" T.D. 295'

CASING SIZE 8 5/8" DEPTH 294'

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

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

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

PRES. MAX 200# PST MINIMUM 0

MEAS. LINE \_\_\_\_\_ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

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

DISPLACEMENT 17 1/2 BBLs of freshwater

OWNER Hartman oil

CEMENT

AMOUNT ORDERED 300 sk Common 3% GEL

EQUIPMENT

PUMP TRUCK CEMENTER Rick H.

# 181 HELPER David J.

BULK TRUCK

# 344 DRIVER Gailen D.

BULK TRUCK

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

COMMON	<u>300 sk</u>	@	<u>11.10</u>	<u>3330.00</u>
POZMIX		@		
GEL	<u>6 sk</u>	@	<u>16.65</u>	<u>99.90</u>
CHLORIDE	<u>9 sk</u>	@	<u>46.60</u>	<u>419.40</u>
ASC		@		
<b>CONFIDENTIAL</b>				
@ JAN 14 2008				
@ KCC				
HANDLING	<u>315 sk</u>	@	<u>1.90</u>	<u>598.50</u>
MILEAGE	<u>315 sk</u>	@	<u>18</u>	<u>510.30</u>
				TOTAL <u>4958.10</u>

REMARKS:

pipe on bottom, broke circulation + mixed 300 sk Common 3% GEL, 2% GEL shutdown + released plug and displaced with 17 1/2 BBLs of freshwater, shut in + Rigged down,

Cement did Circulate.

SERVICE

DEPTH OF JOB	<u>294'</u>			
PUMP TRUCK CHARGE				<u>85.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>18</u>	@	<u>6.00</u>	<u>108.00</u>
MANIFOLD		@		
<b>RECEIVED</b>				
KANSAS CORPORATION COMMISSION				

CHARGE TO: Hartman oil

STREET \_\_\_\_\_

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

JAN 15 2008

TOTAL 923.00

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JAN 15 2008

CONSERVATION DIVISION  
WICHITA, KS

PLUG & FLOAT EQUIPMENT

<u>1-wooden plug 8 5/8 bore</u>	<u>60.00</u>			<u>60.00</u>
		@		
		@		
		@		
		@		

To Allied Cementing Co., Inc.

CONSERVATION DIVISION  
WICHITA, KS

You are hereby requested to rent cementing equipment

# ALLIED CEMENTING CO., INC.

30983

O P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

2103

-10-07	SEC. 6	TWP. 22	RANGE 12 W	CALLED OUT 2:00 PM	ON LOCATION 10:00 AM	JOB START 12:00 PM	JOB FINISH 1:00 PM
SE	WELL # 1-6	LOCATION 281 + K19 Hwy 30 3/4 N E15			COUNTY Stafford	STATE K.S.	

OLD OR NEW (Circle one)

CONTRACTOR H-2 Rig 2

TYPE OF JOB 5 1/2 PIP. Job

HOLE SIZE 7 3/8 T.D. 3762 ft

CASING SIZE 5 1/2 DEPTH 3749 ft

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

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

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

PRES. MAX 1500\* MINIMUM 700\*

MEAS. LINE \_\_\_\_\_ SHOE JOINT 40.24

CEMENT LEFT IN CSG. 40.24

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

DISPLACEMENT 90.4 bbl

**EQUIPMENT**

PUMP TRUCK # <u>181</u>	CEMENTER <u>Mike m.</u>
BULK TRUCK # <u>34</u>	HELPER <u>Randy P.</u>
BULK TRUCK # _____	DRIVER <u>Steve T</u>
BULK TRUCK # _____	DRIVER _____

**REMARKS:**

circulate the hole with Rig mud pump  
Mix mud flush + pump it down hole  
Mix cement + Plug Rat Hole + mouse hole  
pump rest of cement down the pipe  
washup + Displace Plug Down with  
water  
Float Held at 1500#

CHARGE TO: Hartman oil Co.

STREET \_\_\_\_\_

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

*Thank you*  
*Wesley*

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.

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KANSAS CORPORATION COMMISSION

JAN 15 2008

SIGNATURE Wesley Pfaff  
CONSERVATION DIVISION  
WICHITA, KS

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 175# ASC  
5# Kolsaal Flsk  
500 gal w.r. R. #

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL <u>3 cu.</u>	@ <u>16.66</u>	<u>49.98</u>
CHLORIDE _____	@ _____	_____
ASC <u>175#</u>	@ <u>13.75</u>	<u>2406.25</u>
<u>SALT 114#</u>	@ <u>19.20</u>	<u>2188.80</u>
<u>KOL SEAL 875#</u>	@ <u>.70</u>	<u>612.50</u>
<u>AS FLUSH 500 GAL</u>	@ <u>1.00</u>	<u>500.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>215#</u>	@ <u>1.90</u>	<u>408.50</u>
MILEAGE <u>215#</u>	@ <u>12 MI</u>	<u>2580.00</u>
TOTAL		<u>4438.40</u>

**SERVICE**

DEPTH OF JOB <u>3749 ft</u>		
PUMP TRUCK CHARGE		<u>1610.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>12</u>	@ <u>6.00</u>	<u>72.00</u>
MANIFOLD _____	@ _____	_____
<u>Plug chart</u> ✓	@ _____	_____
<u>WATER RENTAL</u>	@ <u>100.00</u>	<u>100.00</u>
TOTAL		<u>1782.00</u>

**PLUG & FLOAT EQUIPMENT**

<u>1-5 1/2 Muddeshoe</u>	@ <u>170.00</u>	<u>170.00</u>
<u>1-5 1/2 Insert</u>	@ <u>260.00</u>	<u>260.00</u>
<u>1-5 1/2 Rubber Plug</u>	@ <u>65.00</u>	<u>65.00</u>
<u>1-5 1/2 Basket</u>	@ <u>165.00</u>	<u>165.00</u>
<u>4-5 1/2 Controlizers</u>	@ <u>50.00</u>	<u>200.00</u>
TOTAL		<u>960.00</u>

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Wesley Pfaff  
PRINTED NAME