

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 055-21244-0000 **CONFIDENTIAL**

County Finney

SE - NE - SE - Sec. 16 Twp. 22S Rge. 33  <sup>E</sup> <sub>W</sub>

1650 Feet from @VM (circle one) Line of Section

330 Feet from @W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, @E, NW or SW (circle one)

Lease Name Ward Well # 3

Field Name Damme Pool

Producing Formation St. Louis

Elevation: Ground 2898' KB 2905'

Total Depth 4842 PBSD 4788

Amount of Surface Pipe Set and Cemented at 377' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 3752' Feet

Alternate II completion, cement circulated from 3752  
feet depth to surface w/ -600 sx cmt.

Drilling Fluid Management Plan 3-3-94  
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 300 bbls

Watering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name **RELEASED**

Lease Name 11-1-4-1996 License No. \_\_\_\_\_

Quarter 1 Sec. 4 Twp. 22S S Rng. 33 E/W

County Finney Docket No. \_\_\_\_\_

Operator: License # 30535

Name: Hartman Oil Co., Inc.

Address P. O. Box 54

City/State/Zip Wichita, KS. 67201

Purchaser: Scurlock-Permian

Operator Contact Person: Gary Gensch

Phone (316) 636-2090

Contractor: Name: Blue Goose Drilling

License: 5104 **KCC**

Geologist: Gary Gensch

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: 1-11-94

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD \_\_\_\_\_  
Plug Back \_\_\_\_\_ PBSD \_\_\_\_\_  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) Docket No. \_\_\_\_\_

9-29-93 10-09-93 11-6-93  
Spud Date Date Reached TD Completion Date

**CONFIDENTIAL**  
RECEIVED  
STATE CORPORATION COMMISSION  
JAN 11 1994  
OIL & GAS CONSERVATION DIVISION  
Wichita, Kansas

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Gary Gensch

Title Vice President & Geologist Date 1-7-94

Subscribed and sworn to before me this 7<sup>th</sup> day of January, 1994.

Notary Public Connie J. Madden

Date Commission Expires 1/29/94

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

CONNIE J. MADDEN  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1/29/94

Operator Name Hartman Oil Co., Inc. Lease Name Ward Well # 3

Sec. 16 Twp. 22S Rge. 33  East  West  
 County Finney

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests during 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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.)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

List All E.Logs Run:  
 Radiation Guard, Dual Induction,  
 Comp. Density - Neutron.

**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 1/4"	8-5/8"	28#	377	60-40 Pozmix	250	3% CC, 2% gel
Production	7-7/8"	5 1/2"	14#	4840	ASC	140	500 gal. WFR 5# Gil./sack
				3752	50/50 Pozmix	600	8% Gel, 1/4# Floseal

**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-IB				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4/ft.	4692-98'	750 gals. 15% FE
2/ft.	4376-82'	750 gals. 15% HCL-FE

**TUBING RECORD** Size 2-7/8 Set At 4352 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 11-6-93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil <u>50</u> Bbls.	Gas <u>0</u> Mcf	Water <u>45</u> Bbls.	Gas-Oil Ratio	Gravity
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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 \_\_\_\_\_

CONFIDENTIAL

Hartman Oil Co., Inc.  
P.O. Box 54  
Wichita, Kansas 67201

Ward #3  
SE NE SE, Sec. 16-22S-33W  
Finney Co., Ks  
API # 15-055-21244

ORIGINAL

ACO-1 Attachment Sheet

DST 4332-85 15-30-30-60: 15' SOGCM, 1054' MG & WCO, 248' SOG & MCW,  
IFP 154-284, ISIP 1097, FFP 376-537, FSIP 1121

DST 4393-4422 15-30-20-45: 10' MUD, IFP 44-48, ISIP 343, FFP 50-60,  
FSIP 497

DST 4683-4702 15-30-30-60: 188 MCGO, IFP 50-52, ISIP 776, FFP 79-83,  
FSIP 787

sample Tops

Heebner	3791 (- 886)
Lansing	3834 (- 929)
Miss	4660 (-1755)
RTD	4840 (-1935)

KCC

JAN 7

CONFIDENTIAL

RELEASED

JAN 14 1996

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

JAN 11 1994

CONSERVATION DIVISION  
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

**ORIGINAL CONFIDENTIAL**

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

*New*

**ALLIED CEMENTING CO., INC.**

5165

Home Office P. O. Box 31

Russell, Kansas 67665

9-30-93

Date	9-29-93	Sec.	16	Twp.	22	Range	33	Called Out	9:30 PM	On Location	1:00 AM	Job Start	1:30 AM	Finish	1:30 AM
Lease	Ward	Well No.	3	Location	Tennis 25-3W-1/4N			County	Funney	State	Kan				

Contractor	Blue Goose Drls Co #	
Type Job	Surface	
Hole Size	12 1/4	T.D. 385'
Csg.	8 5/8	Depth 379'
Tbg. Size		Depth KCC
Drill Pipe		Depth
Tool		Depth JAN 7
Cement Left in Csg.	15'	Shoe Joint CONFIDENTIAL
Press Max.		Minimum
Meas Line		Displace ✓
Perf.		

Owner	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	Hartman Oil Co - Inc	
Street	P.O. Box 54	
City	Wichita	State Kan 67201
The above was done to satisfaction and supervision of owner agent or contractor.		

**EQUIPMENT**

Pumptrk	No. 191	Cementer	Walt
		Helper	Robert
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	222	Driver	RELEASED
Bulktrk		Driver	1 4 1996

Purchase Order No.	
X	
<b>CEMENT</b>	
Amount Ordered	250 SKs 60/40 per, 3%cc-2%be 1
Consisting of	
Common	150 SKs @ 6 85 = 1,027.50
Poz. Mix	100 SKs @ 3.00 = 300.00
Gel.	4 SKs @ 7.00 = 28.00
Chloride	8 SKs @ 25.00 = 200.00
Quickset	

DEPTH of Job	FROM CONFIDENTIAL	
Reference:	Pumptruck	430.00
	8 5/8 Plus	42.00
	225 per mile	180.00
	39¢ per ft @ 300'	30.81
	Sub Total	30.81
	Tax	
	Total	682.81

Handling	1.00 per sk	250.00
Mileage	4¢ per sk mile	800.00
80 miles		
Sub Total		2,577.50
Total		

RECEIVED  
 STATE CORPORATION COMMISSION  
 JAN 11 1994  
 CONSERVATION DIVISION  
 Wichita, Kansas

Remarks: Cement Did Cure

*Walt*  
*Robert*

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

**ORIGINAL CONFIDENTIAL**

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.** 4827  
 Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date <i>10/9/93</i>	Sec. <i>16</i>	Twp. <i>22S</i>	Range <i>33W</i>	Called Out <i>10 AM</i>	On Location <i>1 PM</i>	Job Start <i>7:15</i>	Finish <i>7:45</i>
Lease <i>Ward</i>	Well No. <i>3</i>	Tenn. Location <i>1/2 W 25 1/4 N</i>		County <i>Finney</i>		State <i>Ks.</i>	

Contractor <i>Blue Gause</i>	Owner <i>Same</i>
Type Job <i>Two Stage Bottom</i>	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Hole Size <i>7 7/8</i>	T.D. <del>4480</del> <i>4840</i>
Csg. <i>5 1/2</i>	Depth <i>4840</i>
-Tbg. Size	Depth
Drill Pipe	Depth
Tool <i>Baker DV</i>	Depth <i>3752</i>
Cement Left in Csg.	Shoe-Joint <i>15'</i>
Press Max. <i>1500#</i>	Minimum
Meas Line	Displace <i>108.9661</i>
Perf.	

Charge To <i>Hartman Oil Co.</i>
Street
City State
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No.
X <i>Gary F Gensert</i>
500 gal WFR-2 CEMENT
Amount Ordered <i>140 ASC 5# Gilsonite per sack</i>
Consisting of
Common <i>KCC</i>
Poz. Mix <i>JAN '7</i>
Gel. <i>CONFIDENTIAL</i>
Chloride
Quickset

**EQUIPMENT**

No.	Cementor	<i>Gary</i>
Pumptrk <i>158</i>	Helper	<i>Mike</i>
No.	Cementor	
Pumptrk	Helper	
	Driver	<i>Bill</i>
Bulktrk <i>199</i>	Driver	

RECEIVED
STATE CORPORATION COMMISSION Sales Tax
Handling <i>JAN 11 1994</i>
Mileage <i>CONSERVATION DIVISION Wichita, Kansas</i>
Sub Total
RELEASED Total

**DEPTH of Job**

Reference:	<i>Pump Truck</i>
	<i>Mileage</i>
	Sub-Total
	Tax
	Total

Floating Equipment	<i>JAN 14 1996</i>
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Remarks: *Pump 500 gal flush. Mix pump cement Pump 28 bbl water. Rig pumped 80 bbl and Truck loaded @ 1500# Floor held. Thank you & Howard, Howard*

*Baker Guide Shoe  
 Baker Insect  
 Baker Stage Tool  
 15 Baker Centralizers  
 2 Baskets*

FROM CONFIDENTIAL

ORIGINAL CONFIDENTIAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. 4828

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	10/9/93	Sec.	16	Twp.	22 S	Range	33 W	Called Out		On Location		Job Start	8:30 PM	Finish	9:30
Lease	Ward	Well No.	3	Tennis Location	1/2 W 25 1 W 1/2 N			County	Finney	State	Ks.				

Contractor Blue Goose

Type Job Two Stage Top

Hole Size 7 7/8 T.D. 4840

Csg. 5 1/2 Depth 4840

Tbg. Size \_\_\_\_\_ Depth \_\_\_\_\_

Drill Pipe \_\_\_\_\_ Depth \_\_\_\_\_

Tool Baker DV Depth 3752

Cement Left in Csg. \_\_\_\_\_ Shoe Joint \_\_\_\_\_

Press Max. 1650 Minimum \_\_\_\_\_

Meas Line \_\_\_\_\_ Displace 91,5661

Perf. \_\_\_\_\_

**EQUIPMENT**

Pumptrk	No.	Cementer	<u>Gary</u>
	<u>158</u>	Helper	<u>Mike</u>
Pumptrk	No.	Cementer	<u>Bill</u>
		Helper	<u>Ken</u>
Bulktrk		Driver	<u>Fitz</u>
		Driver	

**DEPTH of Job**

Reference:	<u>Pump Truck</u>
	Sub Total
	Tax
	Total

Remarks: Drop bomb @ 7:50 pm Tool open @ 8:15. Begin mixing 8:30. Full returns throughout. Cement circulated when plug was released. Flout held. Thank you! Gary L. New

Owner Sqme

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Hartman Oil Co.

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. \_\_\_\_\_

X Wm F. Kensch

**CEMENT**

Amount Ordered 600.50 / 8% Gel 1/2 # Flashed

Consisting of

Common KCC

Poz. Mix \_\_\_\_\_

Gel. JAN 7

Chloride \_\_\_\_\_

Quickset CONFIDENTIAL

RECEIVED

STATE CORPORATION COMMISSION

Mileage JAN 11 1994

RELEASED

CONSERVATION DIVISION  
Wichita, Kansas

JAN 4 1996

Floating Equipment FROM CONFIDENTIAL

(250 SX circ up to surface)

CONFIDENTIAL



DRILLING MUD REPORT NO.

API Well No., State, County, Well, S/T

Date 10-9-93, Depth 4840, Present Activity, Spud Date 9-29, Contractor Bluegrass, Rig No. 1

Operator Hartman

Report For Leonard Stumatz

Report for Gary Gensch

Section Township Range 16-22-33

Well Name and No. Ward #3

Field or Block No., County, Parish or Offshore Area Finney, State KS.

Table with columns: Drilling Assembly, Casing, Mud Volume (BBL), Circulation Data. Includes bit size, pump size, mud volume, and circulation data.

Mud Properties table with columns: Sample From, Time Sample Taken, Flowline Temperature, Depth, Weight, Funnel Viscosity, Plastic Viscosity, Yield Point, Gel Strength, Filtrate API, API HTHP Filtrate, Cake Thickness, Solids Content, Liquid Content, Sand Content, Methylene Blue Capacity, pH, Alkalinity Mud, Alkalinity Filtrate, Chloride, Total Hardness as Calcium.

Mud Property Specifications: Weight 9.3, Viscosity 38-40, Filtrate 6-8. Recommended Tour Treatment: Break Circ. 2 times while TH after logs. When on btm. add 2 sks. Desco + water to system to thin mud to 38-40 Vis. Prior to TOH to run csq.

KCC

JAN 7

CONFIDENTIAL

RECEIVED DAILY COST CORPORATION COMMISSION JAN 11 1994 374 CONSERVATION DIVISION Wichita, Kansas

CUMULATIVE COST 750 hrs. 6802 mtl. 7552

Inventory table with columns: Product Inventory, Starting Inventory, Received, Used Last 24 Hr., Closing Inventory, Cost Last 24 Hr. Includes handwritten inventory data and a 'RELEASED' stamp.

Engineer Mike Whitefield Phone: 624-4658 For Mud, Call: 913-462-6114