

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32798

Name: Hart Energies, LLC

Address 1: 7122 S. Sheridan Rd.

Address 2: Suite 2-363

City: Tulsa State: OK Zip: 74133 + 2 7 4 8

Contact Person: William G. Hart, Member

Phone: (918) 633-4161

CONTRACTOR: License # 33789

Name: D & B Drilling, LLC

Wellsite Geologist: William G. Hart

Purchaser: Gas=West Wichita Gas Gathering, LLC / Oil=Pamom Gathering, LLC

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Conv. to GSW

Plug Back: Plug Back Total Depth

Commingled Permit #:

Dual Completion Permit #:

SWD Permit #:

ENHR Permit #:

GSW Permit #:

10/29/07	11/08/07	1/21/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23220-00-00

Spot Description:

SE NE Sec. 3 Twp. 31 S. R. 10 East West

1,980 Feet from North / South Line of Section

660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber

Lease Name: Jerrod Well #: #1

Field Name: Alma

Producing Formation: Mississippian

Elevation: Ground: 1,750' Kelly Bushing: 1,756'

Total Depth: 4,680' Plug Back Total Depth: 4,518'

Amount of Surface Pipe Set and Cemented at: 268' 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

(Data must be collected from the Reserve Pit)

Chloride content: N/A ppm Fluid volume: 0 bbls

Dewatering method used: vacuum off clear liquids, air dry, then backfill

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R. East West

County: Permit #:

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KCC WICHITA

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: *William G. Hart*

Title: Member Date: 12/15/11

KCC Office Use ONLY

- Letter of Confidentiality Received Date:
 - Confidential Release Date:
 - Wireline Log Received
 - Geologist Report Received
 - UIC Distribution
- ATT 1 = DLG - 12/27/11

Operator Name: Hart Energies, LLC Lease Name: Jerrod Well #: #1
 Sec. 3 Twp. 31 S. R. 10 East West County: Barber

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Compensated Porosity Log, CNL/CDL, and Sonic 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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3,635'</td> <td>-1,879</td> </tr> <tr> <td>Miss'sippian Chert</td> <td>4,436'</td> <td>-2,680</td> </tr> <tr> <td>Mississppian Lime</td> <td>4,485</td> <td>-2,729</td> </tr> <tr> <td>Chattanooga</td> <td>4,737</td> <td>-2,981</td> </tr> </table>	Name	Top	Datum	Heebner	3,635'	-1,879	Miss'sippian Chert	4,436'	-2,680	Mississppian Lime	4,485	-2,729	Chattanooga	4,737	-2,981
Name	Top	Datum														
Heebner	3,635'	-1,879														
Miss'sippian Chert	4,436'	-2,680														
Mississppian Lime	4,485	-2,729														
Chattanooga	4,737	-2,981														

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 Casing	12 1/4"	8 5/8"	23#	268'	60/40 Cts A Pozmix	200	2% Gel, 3% Chloride
Prouction Casing	7 7/8"	5 1/2"	15.5#	4,780'	ASC&60/40 Cts A Pozmix	150	Kolseal, FL-160, CLA Pro

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	Perforated - 2 per foot - 4,486' - 4,488' (4 Ttl)	Frac from 4,486' to 4,576' (four zones)	
2	Perforated - 2 per foot - 4,495' - 4,503' (16 Ttl)	- with 3,000 gal 15% HCL	
4	Perforated - 4 per foot - 4,528' - 4,530' (8 Ttl)	- including 12,000 lbs. Super LC 16/30	
4	Perforated - 4 per foot - 4,486' - 4,488' (8 Ttl)	- and 151 Gal. Micro Tech 200	
	Set Bridge Plug at 4,518'		

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4,351'</u> Packer At: <u>N/A</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>4/1/2008</u>	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. <u>1 Bbl</u>	Gas Mcf <u>15 MCF</u>
	Water Bbls. <u>300 Bbls</u>	Gas-Oil Ratio

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Mississippian 4,486' - 4,488'</u> <u>Mississippian 4,495' - 4,503'</u>
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 KCC WICHITA



INVOICE

Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Voice: (785) 483-3887
 Fax: (785) 483-5566

Invoice Number: 110993

Invoice Date: Oct 31, 2007

Page: 1

Bill To:
 Hart Energies, LLC
 11051 S. Memorial
 STE 200
 Tulsa, OK 74133

Customer ID	Well Name # or Customer P.O.	Payment Terms	
HartE	Jerrod #1	Net 30 Days	
Sales Rep ID	Camp Location	Service Date	Due Date
	Medicine Lodge	Oct 31, 2007	11/30/07

Quantity	Item	Description	Unit Price	Amount
120.00	MAT	Common Class a	11.10	1,332.00
80.00	MAT	Pozmix	6.20	496.00
4.00	MAT	Gel	16.65	66.60
7.00	MAT	Chloride	46.60	326.20
211.00	SER	Handling	1.90	400.90
15.00	SER	Mileage 211 sx @.09 per sk per mi	18.99	284.85
1.00	SER	Surface	815.00	815.00
15.00	SER	Mileage Pump Truck	6.00	90.00
1.00	SER	Head Rental	100.00	100.00
1.00	EQP	Wooden Plug	60.00	60.00

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 KCC WICHITA

pd 12/2/07
ck# 2156

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF 397.15

ONLY IF PAID ON OR BEFORE

Nov 30, 2007

Subtotal	3,971.55
Sales Tax	143.69
Total Invoice Amount	4,115.24
Payment/Credit Applied	
TOTAL	4,115.24

ALLIED CEMENTING CO., INC.

31287

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

SERVICE POINT:

Medicine Lodge
10-29

JERROD

DATE <u>10-29-11</u>	SEC. <u>03</u>	TWP. <u>31S</u>	RANGE <u>10W</u>	CALLED OUT <u>11:00 a.m</u>	ON LOCATION <u>11:30 a.m</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>10:30 AM</u>
LEASE <u>3/20</u>	WELL #1	LOCATION <u>Ridge Rd + Tricity Rd. 2 1/2 to Sandplum Rd. 1/2 N. E/into</u>			COUNTY <u>Barber</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR D+B #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 273

CASING SIZE 8 5/8 DEPTH 268

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 16 BBLs fresh H₂O

OWNER Hart Energy

CEMENT AMOUNT ORDERED 2005x 60'40'2+8% bcc

EQUIPMENT

PUMP TRUCK CEMENTER Mark Coley

52 HELPER Mike B.

BULK TRUCK # 381 DRIVER Cole H.

BULK TRUCK # _____ DRIVER _____

COMMON	<u>120</u>	<u>A</u>	@	<u>11.10</u>	<u>1332.00</u>
POZMIX	<u>80</u>		@	<u>6.20</u>	<u>496.00</u>
GEL	<u>4</u>		@	<u>16.65</u>	<u>66.60</u>
CHLORIDE	<u>7</u>		@	<u>46.60</u>	<u>326.20</u>
ASC			@		
			@		
			@		
			@		
			@		
			@		
			@		
			@		
HANDLING	<u>211</u>		@	<u>1.90</u>	<u>400.90</u>
MILEAGE	<u>15 x 211</u>	<u>1.09</u>			<u>284.85</u>
TOTAL					<u>2906.55</u>

REMARKS:

pipe on bottom, break C/C, pump glands
fresh mix 2005x 60'40'2+8% bcc. Stop,
release plug. Disp w/ fresh. Displace to
253' w/ 16 BBLs. Stop shut in
release line psi. Cement did set in
cellar

SERVICE

DEPTH OF JOB	<u>268'</u>				
PUMP TRUCK CHARGE					<u>815.00</u>
EXTRA FOOTAGE			@		
MILEAGE	<u>15</u>		@	<u>6.00</u>	<u>90.00</u>
MANIFOLD/Head Rental			@	<u>100.00</u>	<u>100.00</u>
			@		
			@		
TOTAL					<u>1005.00</u>

CHARGE TO: Hart Energy

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1-Wooden plug	@	<u>60.00</u>	<u>60.00</u>
	@		
	@		
	@		
	@		

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING TOTAL 60.00

TAX _____

TOTAL CHARGE [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS

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 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]

[Signature] Lyle Cason
PRINTED NAME

RECEIVED
DEC 19 2011
KCC WICHITA



ALLIED

CEMENTING CO., LLC
Cementing, & Acidizing Services

INVOICE

2 Lincoln Street
P. Box 31
Russell, KS 67665-2906

Invoice Number: 111178

Invoice Date: Nov 12, 2007

Voice: (785) 483-3887

Page: 1

Fax: (785) 483-5566

Bill To:
Hart Energies, LLC 11051 S. Memorial STE 200 Tulsa, OK 74133

Customer ID	Well Name# or Customer P.O.	Payment Terms	
HartE	Jerrod #1	Net 30 Days	
Sales Rep ID	Camp Location	Service Date	Due Date
	Medicine Lodge	Nov 12, 2007	12/12/07

Quantity	Item	Description	Unit Price	Amount
15.00	MAT	Common Class A	11.10	166.50
10.00	MAT	Pozmix	6.20	62.00
1.00	MAT	Gel	16.65	16.65
125.00	MAT	ASC Class A	13.75	1,718.75
625.00	MAT	Kol Seal	0.70	437.50
12.00	MAT	Cla Pro	25.00	300.00
500.00	MAT	Mud Clean	1.00	500.00
59.00	MAT	FL-160	10.65	628.35
187.00	SER	Handling	1.90	355.30
15.00	SER	Mileage 187 sx @.09 per sk per mi	16.83	252.45
1.00	SER	Production Casing	1,750.00	1,750.00
15.00	SER	Mileage Pump Truck	6.00	90.00
1.00	SER	Head Rental	100.00	100.00
1.00	EQP	Guide Shoe	170.00	170.00
1.00	EQP	AFU Insert	260.00	260.00
5.00	EQP	Centralizers	50.00	250.00
1.00	EQP	Rubber Plug	65.00	65.00

BA 12/2/07
CR# 2156

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

Subtotal	7,122.50
Sales Tax	288.21
Total Invoice Amount	7,410.71
Payment/Credit Applied	
TOTAL	7,410.71

~~7,122.50~~

ONLY IF PAID ON OR BEFORE

~~Dec 12, 2007~~

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KCC WICHITA

ALLIED CEMENTING CO., INC. 23804

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

SERVICE POINT: Medford

DATE <u>11-8-07</u>	SEC <u>03</u>	TWP. <u>31s</u>	RANGE <u>10 W</u>	CALLED OUT	ON LOCATION <u>7:00pm</u>	JOB START <u>12:00am</u>	JOB FINISH <u>1:00am</u>
LEASE <u>Unad</u>	WELL # <u>1</u>	LOCATION <u>Ridge Rd + Tri Log Rd</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)		<u>DE 1A</u>					

CONTRACTOR P+B
 TYPE OF JOB Prod Csg
 HOLE SIZE 7 7/8 I.D. 4800
 CASING SIZE 5 1/2 DEPTH 4780
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1500 MINIMUM 100
 MEAS. LINE SHOE JOINT 42
 CEMENT LEFT IN CSG. 42ft
 PERFS.
 DISPLACEMENT 113 b bts 26 KCL

OWNER Hart Energy

CEMENT
 AMOUNT ORDERED 125 of Asc + 5 #Kobal + .56 FL-160, 25 of 60/40 + 12 gal clop, 500 gal mud clean

COMMON	<u>15 A</u>	@	<u>11.10</u>	<u>166.50</u>
POZMIX	<u>10</u>	@	<u>6.20</u>	<u>62.00</u>
GEL	<u>1</u>	@	<u>16.65</u>	<u>16.65</u>
CHLORIDE		@		
ASC	<u>125 A</u>	@	<u>13.75</u>	<u>1718.75</u>
Kol Seal	<u>625 #</u>	@	<u>.70</u>	<u>437.50</u>
ClA Pro	<u>12 gal</u>	@	<u>25.00</u>	<u>300.00</u>
Mud Clean	<u>500 gal</u>	@	<u>1.00</u>	<u>500.00</u>
FL-160	<u>59 #</u>	@	<u>10.65</u>	<u>628.35</u>
		@		
		@		
		@		
		@		
HANDLING	<u>187</u>	@	<u>1.90</u>	<u>355.30</u>
MILEAGE	<u>15 x 187 x .09</u>			<u>252.45</u>
TOTAL				<u>4437.50</u>

EQUIPMENT

P TRUCK CEMENTER Mary B
 # 372 HELPER Dan
 BULK TRUCK
 # 364 DRIVER Heath
 BULK TRUCK
 # DRIVER

REMARKS:
Pipe on bottom, circulate pump
 2 hrs, 500 gal mud clean, fresh
 plug rate more, mix 125 of Asc
 1st bit down pump, wash pump +
 lips & release plug, start displacem
 1st pressure at 85 b bts plug
 rate to 3 bpm bump plug at
 113 b bts + 100 psi float did
 hole

CHARGE TO: Hart Energy
 STREET _____
 STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 4780
 PUMP TRUCK CHARGE 1750.00
 EXTRA FOOTAGE @ _____
 MILEAGE 15 @ 6.00 90.00
 MANIFOLD @ _____
Head rental @ 100.00 100.00
 @ _____
 TOTAL 1940.00

PLUG & FLOAT EQUIPMENT

<u>5 1/2</u>			
1- 9" shoe	@	<u>170.00</u>	<u>170.00</u>
1- AFV end bit	@	<u>260.00</u>	<u>260.00</u>
5- Centralizers	@	<u>50.00</u>	<u>250.00</u>
1- Rubber plug	@	<u>65.00</u>	<u>65.00</u>
	@		
ANY APPLICABLE TAX			
WILL BE CHARGED			
UPON INVOICING			
TAX _____			
TOTAL <u>745.00</u>			

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 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]

TOTAL CHARGE [Crossed out]
 DISCOUNT [Crossed out] IF PAID IN 30 DAYS
X Lyke Casow RECEIVED
 PRINTED NAME DEC 19 2011
 KCC WICHITA