

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

AMENDED

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

OPERATOR: License # 32798
 Name: Hart Energies LLC
 Address 1: 7122 S. Sheridan Road
 Address 2: Suite 2-363
 City: Tulsa State: OK Zip: 74133 + 2748
 Contact Person: William G. Hart, Member **RECEIVED**
 Phone: (918) 633-4161
 CONTRACTOR: License # 33793 **MAY 18 2012**
 Name: H2 Drilling LLC
 Wellsite Geologist: William G. Hart
 Purchaser: GAS=West Wichita Gas Gathering LLC OIL=Parmon Gathering LLC

Designate Type of Completion:

New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #: _____

3/12/10 3/23/10 4/9/10 (W.O.P.L.)

Spud Date or Date Reached TD Completion Date or Recompletion Date

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. HartTitle: Member Date: May 16, 2012 AmendedHart Energies LLCAPI No. 15 - 007-23507-00-00

Spot Description: _____

C SE NE Sec. 28 Twp. 34 S. R. 10 East West3,310 Feet from North / South Line of Section810 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE NW SE SWCounty: BarberLease Name: Stranathan Well #: 1Field Name: WildcatProducing Formation: MaquoketaElevation: Ground: 1,323' Kelly Bushing: 1,332'Total Depth: 5,194' Plug Back Total Depth: 5,152'Amount of Surface Pipe Set and Cemented at: 220' FeetMultiple 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: Unknown ppm Fluid volume: _____ bblsDewatering method used: Vacuum clear liquids - Air Dry

Location of fluid disposal if hauled offsite:

Operator Name: N/A

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

KCC Office Use ONLY

 Letter of Confidentiality Received

Date: _____

 Confidential Release Date: _____ Wireline Log Received Geologist Report Received UIC DistributionALT I II III Approved by: Dog Date: 5/22/12

Operator Name: Hart Energies LLC Lease Name: Stranathan Well #: 1
 Sec. 28 Twp. 34 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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Mississippian 4,690' -3,358'
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Kinderhook 4,922' -3,590'
Electric Log Submitted Electronically (If no, Submit Copy)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chattanooga 5,006' -3,674'
		Maquoketa 5,035' -3,703'
		Viola 5,098' -3,766'
List All E. Logs Run: CNL, CDL, MEL, CBL--CCL Originals filed as attachments to initial ACO-1		

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 1/4"	8 5/8"	24	220'	Class A	105	Common, Pozmix, Gel, Cholfride
Production	7 7/8"	5 1/2"	15.5	5,152'	Class A	15	Common, Pozmix, Gel, Cholfride
Casing Liner	None	2 7/8"	6.5	5,024'	N/A	N/A	N/A

ADDITIONAL CEMENTING / SQUEEZE RECORD					RECEIVED
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives	
	None				

MAY 18 2012

KCC WICHITA

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
6	4,698' - 4,708' & 4,744-50' Mississippian	Behind 2 7/8" Liner	
1	4,920-24' & 4,928-32' {4,960-96' = 6Shts/Ft} Kinderhook	Behind 2 7/8" Liner	
2	5,026-34' Chattanooga	(Tight Formation) 1,000 Gal 15% HCL	5,026-34'
4	5,044-54' Maquoketa	2,500 Gal 15% HCL; 500 Gal NE/FE; 2,000 Gal Gelled Acid	5,044-54'
6	5,038-44' and 5,054-64' Maquoketa	1,000 Gal 15%HCL	5,054-64'

TUBING RECORD: Size: 1 1/2"	Set At: 5,042'	Packer At: None	Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. 01/12/12	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls. 3	Gas Mcf 2	Water Bbls. 6	Gas-Oil Ratio	Gravity 39.4
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: Maquoketa - 5,038' - 5,064'
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