

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL
RELEASED
FROM
CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32798
Name: Hart Energies. L.L.C.
Address: 11051 So. Memorial, #200
City/State/Zip: Tulsa, OK 74133
Purchaser: _____
Operator Contact Person: William G. Hart
Phone: (918) 369-3315
Contractor: Name: Mallard JV
License: 4958
Wellsite Geologist: William G. Hart

API No. 15 - 007-22748-0000
County: Barber
50E SW NE NE Sec. 1 Twp. 31 S. R. 10 East West
990 _____ feet from S N (circle one) Line of Section
940 _____ feet from E W (circle one) Line of Section

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Woodard Well #: 1
Field Name: Spivey-Grabs-Basil

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. _____
6/19/2003 6/26/2003 8/5/2003
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

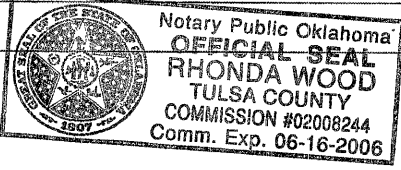
Producing Formation: Cherokee - Mississippian
Elevation: Ground: 1685 Kelly Bushing: 1690
Total Depth: 4500 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 234' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ACT I WHM
3-13-07
Chloride content _____ ppm Fluid volume 810 bbls
Dewatering method used haul off clear liquids; air dry; backfill
Location of fluid disposal if hauled offsite:
Operator Name: Messenger
Lease Name: Nicholas SWDW License No.: 4706
Quarter _____ Sec. 20 Twp. 30 S. R. 8 East West
County: Kingman Docket No.: D 25073

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: [Handwritten Signature]
Title: Member Date: October 15th, 2003
Subscribed and sworn to before me this 15 day of October,
20 03.
Notary Public: Rhonda Wood
Date Commission Expires: _____



KCC Office Use ONLY

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

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Side Two

KCC
OCT 15 2003

ORIGINAL

Operator Name: Hart Energies. L.L.C. Lease Name: Woodard Well #: 1
Sec. 1 Twp. 31 S. R. 10 East West County: Barber

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INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stem tests. Log 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 Compensated Porosity Log
Dual Induction Log

Name	Formation (Top), Depth and Datum	Sample
	Top Datum	
Heebner	3536 (-1846)	
Cherokee Shale	4366 (-2676)	
Mississippian Chert	4408 (-2718)	
Mississippian Lime	4482 (-2792)	

CASING RECORD <input type="checkbox"/> New <input checked="" 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	# Sacjs Used	Type and Percent Additives
Surface	9 1/2	8 5/8	23	234	60/40 Poz	190	CaCl; cellflak
Production	7 5/8	4 1/2	10.5	4499	AA2/60/40Pc	150	CaCl; salt; cellflak

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	none			

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
4	Cher: 4400-4404 : Miss: 4407-4426		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	e. 4440	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enh.			Producing Method		
August 5th, 2003			<input checked="" type="checkbox"/> Flowing <input 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
	trace	250	70	> 15000 / 1	none

Disposition of Gas: Vented Sold Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
Production Interval: Other (Specify)



ORIGINAL

~~COPY~~

SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

RELEASED

Invoice

FROM

CONFIDENTIAL

Bill to:			904575	Invoice	Invoice Date	Order	Order Date
Hart Energies, LLC 11051 S. Memorial, Suite 200 Tulsa, OK 74133				306072	6/26/03	6391	6/19/03
Service Description							
Cement							
				Lease		Well	
				Woodward		1	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	L. Urban	T. Seba		New Well		Net 30	

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<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	190	\$7.84	\$1,489.60 (T)
C310	CALCIUM CHLORIDE	LBS	490	\$0.75	\$367.50 (T)
C194	CELLFLAKE	LB	41	\$2.00	\$82.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E107	CEMENT SERVICE CHARGE	SK	190	\$1.50	\$285.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$3.25	\$130.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	327	\$1.30	\$425.10
R200	CASING CEMENT PUMPER, 0-300' 1ST 4 HRS ON LOC.	EA	1	\$662.00	\$662.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

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Sub Total:	\$3,776.20
Discount:	\$1,057.34
Discount Sub Total:	\$2,718.86
Tax Rate: 6.30%	Taxes: \$91.81
(T) Taxable Item	Total: \$2,810.67

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



INVOICE NO.
Date: 6-19-03
Customer ID

FIELD ORDER 6391

Subject to Correction

CHARGE

HART ENERGIES L.L.C.	Lease: WOODARD	Well # 1	Legal: 1-315-10W
RELEASED FROM CONFIDENTIAL	County: Barber	State: KS	Station: PRATT
	Depth: 23'	Formation:	Shoe Jt Int: 15' CUSTOMER REQ
	Casing: 3 5/8	Casing Depth: 234'	TD: 234'
	Customer Representative: LAYON	Treater: T. SEBIA	Job Type: 3 5/8 SURFACE NEW WELL

AFE Number	PO Number	Materials Received by: X Layon Wilson
------------	-----------	---------------------------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	190 SKS	60/40 Poz (Common)	✓			
C-310	490 lbs	CALCIUM CHLORIDE	✓			
C-194	41 lbs	CELLULOSE	✓			
F-163	1 EA	3 5/8 WOODEN PLUG	✓			
E-107	190 SKS	CEMENT SERVL CHARGE				
E-100	40 MILE	UNITS 1WAY MILES 40				
E-104	327 TM	TONS MILES				
R-200	1 EA	EA. 234' PUMP CHARGE				
R-701	1 EA	CEMENT HEAD RENTAL				
DISCOUNTED PRICE =				2,718.86		
+ TAXES						

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 **TOTAL**



TREATMENT REPORT REASED

FROM

CONFIDENTIAL

Customer ID		Date	
Customer HART ENERGIES L.L.C.		6-19-03	
Lease WOODARD		Lease No.	Well # 1
Field Order # 6391	Station PROTT	Casing 85/8	Depth 234'
Type Job 85/8 SURFACE NEW WELL		County BARBER	State KS
Formation		Legal Description 1-31S-10W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 85/8	Tubing Size	Shots/Ft		Acid 190 SKS 60/40 P02	RATE	PRESS	ISIP	
Depth 234	Depth	From	To	Pre Pad 2% GEL 3% C.G. 1/4" CELLULOSE	Max		5 Min.	
Volume	Volume	From	To	Pad 14.7#/GAL 1.26HF3	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative LADONCE	Station Manager D. AUSTIN	Treater T. SEBA
--	----------------------------------	------------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
17:30					CALLED OUT
20:00					ON LOC W/TRK'S - SAFETY MTG. RUN 5ST'S 23" 85/8 CSG.
21:20					START CSG.
21:45					CSG. ON BOTTOM HOOK UP TO CSG. BREAK CIRC W/REG.
10:02	150		10	5	START PUMPING H ₂ O
			42.63		START MIX: Pump 190 SKS & 14.7#/GAL SHUT DOWN
					RELEASE PLUG
10:18	100			5	START DISP
10:21	150		14	1	PLUG DOWN
10:22					CLOSE VALVE ON CSG. GASS CIRC TRCU JOBS CIRC CUT TO SURFACE
					JOB COMPLETE
					THANKS TOOD



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 (316) 672-5383 FAX

ACIDIZING - FRACTURING CEMENTING

RELEASED

Invoice

FROM
 CONFIDENTIAL

Bill to: Hart Energies, LLC 11051 S. Memorial, Suite 200 Tulsa, OK 74133	904575	Invoice	Invoice Date	Order	Order Date
		306106	6/30/03	6383	6/27/03
	Service Description				
	Cement				
			Lease	Well	
			Woodward	1	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	B. Hart	D. Scott	New Well		Net 30

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ID.	Description	UOM	Quantity	Unit Price	Price
D205	AA2 (COMMON)	SK	125	\$13.19	\$1,648.75 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.84	\$196.00 (T)
C221	SALT (Fine)	GAL	747	\$0.25	\$186.75 (T)
C195	FLA-322	LB	95	\$7.50	\$712.50 (T)
C194	CELLFLAKE	LB	30	\$2.00	\$60.00 (T)
F106	TURBOLIZER, 4 1/2"	EA	5	\$67.00	\$335.00 (T)
F230	FLAPPER TYPE INSERT FLOAT VALVES, 4 1/2"	EA	1	\$150.00	\$150.00 (T)
F142	TOP RUBBER CEMENT PLUG, 4 1/2"	EA	1	\$55.00	\$55.00 (T)
F190	GUIDE SHOE-REGULAR, 4 1/2"	EA	1	\$125.00	\$125.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
E107	CEMENT SERVICE CHARGE	SK	150	\$1.50	\$225.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$3.25	\$130.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	280	\$1.30	\$364.00
R210	CASING CEMENT PUMPER, 4501-5000' 1ST 4 HRS ON LOC	EA	1	\$1,827.00	\$1,827.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

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Sub Total:	\$6,640.00
Discount:	\$1,859.20
Discount Sub Total:	\$4,780.80
Tax Rate: 6.30%	Taxes: \$174.36
(T) Taxable Item	Total: \$4,955.16

PAID 6/26/03 Ck #5005 —>\$4,955.16

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



INVOICE NO.	Subject to Correction			FIELD ORDER	6383
Date 6-27-03	Lease Woodward	Well # 1	Legal 1-31s-10w		
Customer ID	County Barber	State KS	Station PrattKS		
CHARGE Hart Energies LLC	Depth	Formation TP=4601' 10.5ppr	Shoe Joint 26.47		
	Casing 4 1/2	Casing Depth 4498	TD 4499	Job Type Long String New Well	
	Customer Representative Bill Hart		Treater D. Scott		

AFE Number	PO Number	Materials Received by X Bill Hart By D. Scott
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D205	125 skt	AA-2 Common	✓			
D203	25 skt	60-40 doz Common	✓			
C221	747 lbs	Salt Fine	✓			
C195	95 lbs	FLA-322	✓			
C194	30 lbs	Cellflake	✓			
F100	5 ea	Centralizers 4 1/2"	✓			
F230	1 ea	ISFV #/Fill "	✓			
F142	1 ea	Top Swiper Plug "	✓			
F190	1 ea	Guide Shoe Reg "	✓			
C302	500 gal	mud Flush	✓			
E107	150 skt	Cmt Serv Chg				
E100	1 ea	UNITS /way MILES 40				
E104	280 tm	TONS /way MILES 40				
R210	1 ea	EA. 4501-5000 UMP CHARGE				
R201	1 ea	Cmt Head Rental				
				Discounted Price =	4980.80	
				+ Tax =	174.36	
				4955.16	Paid By CK # 5005	

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL



TREATMENT REPORT

Customer ID	Date
Customer <i>Hart Energies</i>	<i>6-2 REDEASED</i>
Lease <i>Woodward</i>	Lease No. <i>FROM</i> Well # <i>1</i>


Field Order # <i>6383</i>	Station <i>Pratt KS</i>	Casing <i>4 1/2</i>	Depth <i>4498</i>	County <i>CONFIDENTIAL</i>	State <i>KS</i>
Type Job <i>Long String New well</i>			Formation	Legal Description <i>7-31s-10w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid <i>125 sli AA-2 10% Job 1, 1 D.F.</i>	RATE	PRESS	ISIP	
Depth <i>4498</i>	Depth <i>PBTD</i>	From	To	Pre Pad <i>8% FLA-322 1/4 C.F.</i>	Max	<i>2000</i>	5 Min.	
Volume <i>71</i>	Volume	From	To <i>32 SL</i>	Pad <i>1.44 #13 13.0 ppg</i>	Min		10 Min.	
Max Press <i>2000</i>	Max Press	From	To <i>5.56</i>	Frac <i>23 sk poz Plug R.H. M.H.</i>	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	<i>12 Bbl. m.p.</i>	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush <i>H2O</i>	Gas Volume		Total Load	

Customer Representative <i>Bill Hart</i>	Station Manager <i>Dave Austry</i>	Treater <i>D. Scott</i>
Service Units <i>105 26 34 25</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2200</i>					<i>On Loc w/ Tr Ki Safety mtg Guide Shoe Bottom ISFV Top S.J. Cent 1-3-5-7-9 Csg on Bottom Drop Ball Circ w/ Rig 45w.</i>
<i>2445</i>	<i>300</i>		<i>10</i>	<i>5</i>	<i>H2O Spacer</i>
<i>2447</i>	<i>300</i>		<i>12</i>	<i>5</i>	<i>St mud Flush</i>
<i>2450</i>	<i>300</i>		<i>10</i>	<i>5</i>	<i>H2O Spacer</i>
<i>2453</i>	<i>400</i>		<i>32</i>	<i>6</i>	<i>mix Cmt 2 13.0 ppg 125 sk</i>
<i>0103</i>	<i>0</i>		<i>10</i>	<i>5</i>	<i>Close In a Wash Pump + line Release Top Swiper Plug</i>
<i>0105</i>	<i>100</i>			<i>6</i>	<i>St Disp w/ H2O</i>
<i>0113</i>	<i>325</i>		<i>58</i>	<i>6</i>	<i>lifting Cmt 58 Bbl Disp out</i>
<i>0117</i>	<i>1000</i>		<i>71</i>	<i>6</i>	<i>Plug Down psi Test Csg</i>
<i>0119</i>	<i>1000</i>				<i>Release psi Flowed Back</i>
<i>0119</i>	<i>1000</i>				<i>repressure & monitor Holding psi release psi Held</i>
					<i>Good Circ thru Job</i>
					<i>Plug R.H. M.H. w/ 25 sli Poz</i>
					<i>Job Complete</i>
					<i>Thank you Scotty</i>

RELEASED
FROM
CONFIDENTIAL

HART ENERGIES LLC		86-1297/1031	5005
JOINT OPERATING ACCOUNT-WOODARD		48641447	
LEASE		DATE <u>6/26/07</u>	
PH. 918-369-3316			
11051 S MEMORIAL DR., STE. 200			
TULSA, OK 74133-7358			
PAY TO THE ORDER OF	<u>Acid Services</u>	\$ <u>4985.16</u>	
<u>Four thousand Nine Hundred fifty Five and 16/100</u>		DOLLARS	 Security Features included. Details on Back.
ARVEST	(918) 631-1000	146	
BANK	Tulsa, OK		
MÉMO	<u>Long Spring Cement</u>	<u>For the [Signature]</u>	MP
⑆103112976⑆ 5005 48641447⑈			