

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

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

OPERATOR: License # 5039  
Name: A G V Corp.  
Address 1: P. O. Box 377  
Address 2: 123 N Main  
City: Attica State: Ks Zip: 67009  
Contact Person: Larry G. Mans  
Phone: (620) 254-7222  
CONTRACTOR: License # 34233  
Name: Maverick Drilling LLC  
Wellsite Geologist: Kent Roberts  
Purchaser: West Wichita Gas

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 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.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
9-22-2009 9-30-2009 2-15-2010  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 007-23450-00-00  
Spot Description: \_\_\_\_\_  
N<sup>1</sup>/<sub>2</sub> - N<sup>1</sup>/<sub>2</sub> - S<sup>1</sup>/<sub>2</sub> Sec. 36 Twp. 33 S. R. 10  East  West  
2310 Feet from  North /  South Line of Section  
2640 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Barber  
Lease Name: Page Page \_\_\_\_\_ Well #: 1-36  
Field Name: Cedar  
Producing Formation: Mississippi  
Elevation: Ground: 1371 Kelly Bushing: 1380  
Total Depth: 4750 Plug Back Total Depth: 4694  
Amount of Surface Pipe Set and Cemented at: 217 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 AH I NR 4-22-10  
(Data must be collected from the Reserve Pit)  
Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: Larry G. Mans  
Title: Secretary Date: 4-19-2010  
Subscribed and sworn to before me this 19 day of April  
20 10  
Notary Public: Kayan Howell  
Date Commission Expires: \_\_\_\_\_  


**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**APR 21 2010**  
**KCC WICHITA**

Operator Name: A G V Corp. Lease Name: Page Well #: 1-36  
 Sec. 36 Twp. 33 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 copy of all Electric Wireline 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 type="checkbox"/> Yes <input checked="" 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 <i>(Submit Copy)</i>  List All E. Logs Run: <u>Dual Induction</u> <u>Dual Compensated Porosity</u> <u>Microresistivity</u> <u>Cestor Bond</u>	<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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner Shale</td> <td>3546</td> <td>-2166</td> </tr> <tr> <td>Lansing</td> <td>4095</td> <td>-2715</td> </tr> <tr> <td>Pawnee</td> <td>4438</td> <td>-3058</td> </tr> <tr> <td>Cherokee Shale</td> <td>4482</td> <td>-3102</td> </tr> <tr> <td>Mississippi</td> <td>4564</td> <td>-3184</td> </tr> <tr> <td>Mississippi Chert</td> <td>4580</td> <td>-3200</td> </tr> <tr> <td>TD</td> <td>4744</td> <td>-3364</td> </tr> </table>	Name	Top	Datum	Heebner Shale	3546	-2166	Lansing	4095	-2715	Pawnee	4438	-3058	Cherokee Shale	4482	-3102	Mississippi	4564	-3184	Mississippi Chert	4580	-3200	TD	4744	-3364
Name	Top	Datum																							
Heebner Shale	3546	-2166																							
Lansing	4095	-2715																							
Pawnee	4438	-3058																							
Cherokee Shale	4482	-3102																							
Mississippi	4564	-3184																							
Mississippi Chert	4580	-3200																							
TD	4744	-3364																							

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	23	217	60/40 Poz	190	2% CC
Production	7 7/8	4 1/2	10.5	4737	AA2	130	2% Salt 2% Gils

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 (Amount and Kind of Material Used)	Depth
4	4586-4589	500 G 15% MCA	
		1500 G 15% NE/FE	

TUBING RECORD:	Size: <u>2 3/8</u>	Set At: <u>4599</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>2-15-2010</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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5	20	110		

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">APR 21 2010</div>
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PAGE 1 of 1	CUST NO 1000159	INVOICE DATE 09/24/2009
<b>INVOICE NUMBER</b> <b>1718 - 90133934</b>		

Pratt (620) 672-1201  
 B ATTICA GAS VENTURES  
 I PO Box: 377  
 L ATTICA  
 L KS US 67009  
 T  
 O ATTN:

J LEASE NAME Page 1-36  
 O LOCATION  
 B COUNTY Barber *11355*  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40095482	20920		Net - 30 days	10/24/2009
			<b>QTY</b>	<b>U of M</b>
			<b>UNIT PRICE</b>	<b>INVOICE AMOUNT</b>
<i>For Service Dates: 09/23/2009 to 09/23/2009</i>				
0040095482				
171800760A Cement-New Well Casing/Pi 09/23/2009				
Cement		190.00	EA	4.80 912.00 T
60/40 POZ		48.00	EA	1.48 71.04 T
Additives		492.00	EA	0.42 206.64 T
Cello-flake		100.00	EA	0.80 80.00 T
Calcium Chloride		1.00	EA	64.00 64.00
Additives		90.00	MI	2.80 252.00
Sugar		369.00	MI	0.64 236.16
Cement Float Equipment		190.00	MI	0.56 106.40
Wooden Cement Plug, 8 5/8"		45.00	HR	1.70 76.50
Mileage		1.00	HR	400.00 400.00
Heavy Equipment Mileage		1.00	EA	100.00 100.00
Mileage		1.00	HR	70.00 70.00
Proppant and Bulk Delivery Charge				
Mileage				
Blending & Mixing Service Charge				
Pickup				
Unit Mileage Charge-Pickups, Vans & Cars				
Pump Charge-Hourly				
Depth Charge; 0-500'				
Cementing Head w/Manifold				
Plug Container Utilization Charge				
Supervisor				
Service Supervisor				

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PAID SEP 30 2009

<b>PLEASE REMIT TO:</b>	<b>SEND OTHER CORRESPONDENCE TO:</b>	<b>SUB TOTAL</b>	2,574.74
<b>BASIC ENERGY SERVICES, LP</b>	<b>BASIC ENERGY SERVICES, LP</b>	<b>TAX</b>	79.99
<b>PO BOX 841903</b>	<b>PO BOX 10460</b>	<b>INVOICE TOTAL</b>	2,654.73
<b>DALLAS, TX 75284-1903</b>	<b>MIDLAND, TX 79702</b>		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 0760 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 02-27-10		DISTRICT: K-11		NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:					
CUSTOMER: [Handwritten]		LEASE: [Handwritten]		WELL NO.:					
ADDRESS:		COUNTY: [Handwritten]		STATE: KS					
CITY:		STATE:		SERVICE CREW: [Handwritten]					
AUTHORIZED BY:		JOB TYPE: [Handwritten]							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
[Handwritten]	[Handwritten]								
						ARRIVED AT JOB	[Handwritten]	AM PM	[Handwritten]
						START OPERATION		AM PM	[Handwritten]
						FINISH OPERATION		AM PM	[Handwritten]
						RELEASED	[Handwritten]	AM PM	[Handwritten]
						MILES FROM STATION TO WELL			[Handwritten]

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 123	[Handwritten]	SK	190		2280 00
CP 126	[Handwritten]	LB	45		197 60
CP 127	[Handwritten]	LB	912		516 00
CP 133	[Handwritten]	EA	1		160 00
CP 131	[Handwritten]	IL	100		200 00
CP 131	[Handwritten]	MT	210		630 00
CP 133	[Handwritten]	TON	300		590 40
CP 133	[Handwritten]	MT	45		191 25
CP 140	[Handwritten]	SK	190		266 00
CP 140	[Handwritten]	EA	1		1,000 00
CP 140	[Handwritten]	EA	1		175 00
CP 140	[Handwritten]	EA	1		250 00
<b>RECEIVED</b>					
<b>APR 21 2010</b>					
<b>KCC WICHITA</b>					

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

[Handwritten Total: 2571 00]

SERVICE REPRESENTATIVE: [Handwritten]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Handwritten]
---------------------------------------	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_

Highway 61 NE of Hwy 20 To Hwy 204.

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer # <i>1700</i>	Lease No.	Date
Lease <i>Pratt</i>	Well # <i>1-36</i>	<i>03 22 09</i>
Field Order # <i>0760</i>	Station <i>PRATT</i>	Casing <i>3 1/2</i>
Type Job <i>CNO 3 1/2 Section</i>	Formation	Legal Description <i>36-35-10</i>
	Depth <i>20'</i>	County <i>Pratt</i>
		State <i>Ks.</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>3 1/2</i>				Pre Pad	Max		5 Min.	
Depth <i>217'</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>12 1/2</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>300</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>200</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SMITH</i>	Treater <i>Zobal</i>			
Service Units	19867	19959	20925	19972	1100
Driver Names	<i>Sullivan</i>	<i>Shields</i>	<i>Lachance</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0330</i>					<i>on the off, meeting</i>
					<i>Run 5 57.5% "23 009</i>
<i>0430</i>					<i>CRKING on Be Hand</i>
<i>0445</i>					<i>Hook Up to Core</i>
<i>0450</i>			<i>5</i>	<i>4</i>	<i>At 1100 Green</i>
			<i>45</i>	<i>5</i>	<i>Mix cont 190 of 6449 pos 2400 3% 1/2</i>
				<i>4</i>	<i>Start down @ Release Plug</i>
<i>0515</i>	<i>700</i>		<i>12 1/2</i>		<i>At Down</i>
					<i>Plug down</i>
					<i>circled 10 Bbl 75 Pbl</i>

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*Job Complete*  
*Mark Jones*



PAGE	CUST NO	INVOICE DATE
1 of 2	1000159	10/06/2009
<b>INVOICE NUMBER</b>		
<b>1718 - 90143926</b>		

Pratt (620) 672-1201  
 B ATTICA GAS VENTURES  
 I PO Box: 377  
 L ATTICA  
 L KS US 67009  
 T  
 O ATTN:

J LEASE NAME Page 1  
 O LOCATION  
 B COUNTY Barber  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

11355  
~~1555~~

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE		
40100462	19905			Net - 30 days	11/05/2009		
				QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 10/01/2009 to 10/01/2009</b>							
0040100462							
171800803A Cement-New Well Casing/Pi 10/01/2009							
Cement				130.00	EA	7.65	994.50 T
AA2 Cement				80.00	EA	5.40	432.00 T
Cement				31.00	EA	1.80	55.80 T
60/40 POZ				614.00	EA	0.23	138.15 T
Additives				123.00	EA	2.32	285.05 T
De-foamer(Powder)				99.00	EA	3.38	334.13 T
Additives				650.00	EA	0.30	195.98 T
Salt(Fine)				4.00	EA	15.75	63.00 T
Additives				500.00	EA	0.69	344.25 T
Gas-Blok				1.00	EA	166.50	166.50
Additives				1.00	EA	148.50	148.50
FLA-322				5.00	EA	38.25	191.25
Additives				90.00	MI	3.15	283.50
Gilsonite				432.00	MI	0.72	311.04
Additives				210.00	MI	0.63	132.30
CS-1L, KCL Substitute				45.00	HR	1.91	86.06
Additives							
Super Flush II							
Cement Float Equipment							
Latch Down Plug & Baffle, 4 1/2"(Blue)							
Cement Float Equipment							
Auto Fill Float shoe 4 1/2"(Blue)							
Cement Float Equipment							
Turbolizer, 4 1/2"(Blue)							
Mileage							
Heavy Equipment Mileage							
Mileage							
Proppant and Bulk Delivery Charges							
Mileage							
Blending & Mixing Service Charge							
Pickup							

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**APR 21 2010**  
**KCC WICHITA**



**BASIC**  
ENERGY SERVICES

PAGE	CUST NO	INVOICE DATE
2 of 2	1000159	10/06/2009
INVOICE NUMBER		
1718 - 90143926		

Pratt (620) 672-1201

B ATTICA GAS VENTURES  
I PO Box: 377  
L ATTICA  
L KS US 67009  
T  
O ATTN:

J LEASE NAME Page 1  
O LOCATION  
B COUNTY Barber  
S STATE KS  
I JOB DESCRIPTION Cement-New Well Casing/Pi  
T JOB CONTACT  
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
40100462	19905			Net - 30 days	11/05/2009
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Unit Mileage Charge-Pickups, Vans & Cars					
Pump Charge-Hourly		1.00	HR	1,134.00	1,134.00
Depth Charge; 4001'-5000'					
Cementing Head w/Manifold		1.00	EA	112.50	112.50
Plug Container Utilization Charge					
Extra Equipment		1.00	EA	90.00	90.00
Casing Swivel Rental					
Supervisor		1.00	HR	78.75	78.75
Service Supervisor					

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KCC WICHITA

PAID OCT 29 2009

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,577.26
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	179.10
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	5,756.36
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 0803 A

36-335-10W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>10-1-09</b> DISTRICT <b>Pratt, Kansas</b>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <b>AGV Corporation</b>		LEASE <b>Page</b> WELL NO. <b>1</b>							
ADDRESS		COUNTY <b>Barber</b> STATE <b>Kansas</b>							
CITY STATE		SERVICE CREW <b>C. Messick · M. Mattal · M. McGraw</b>							
AUTHORIZED BY		JOB TYPE: <b>C.N.W. - Longstring</b>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
19,866	.5						10-1-09	AM	12:30
						ARRIVED AT JOB		AM/PM	3:00
19,903-19,905	.5					START OPERATION		AM/PM	8:00
						FINISH OPERATION		AM/PM	8:30
19,826-19,860	.5					RELEASED	10-1-09	AM/PM	9:00
						MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA-2 Cement		130 str	\$	2,210 00
CP103	60/40 Poz Cement		80 str	\$	960 00
CC105	Defoamer		31 Lb	\$	124 00
CC111	Salt (Fine)		614 Lb	\$	307 00
CC115	Gas Blok		123 Lb	\$	633 45
CC129	FLA-322		99 Lb	\$	742 50
CC201	Gilsonite		650 Lb	\$	435 50
C704	CS-1L		4 Gal	\$	140 00
CC155	Super Flush II		500 Gal	\$	765 00
CF606	Latch Down Plug and Baffle, 4 1/2"		1 ea	\$	370 00
CF1250	Auto Fill Float Shoe, 4 1/2"		1 ea	\$	330 00
CF1650	Turbolizer, 4 1/2"		5 ea	\$	425 00
E101	Heavy Equipment Mileage		90 mi	\$	630 00
E113	Bulk Delivery		432 tm	\$	691 20
E100	Pickup Mileage		45 mi	\$	191 25
CE240	Blending and Mixing Service		210 str	\$	294 00
CE205	Cement Pump: 4,000 Feet To 5,000 Feet		1 ea	\$	2,520 00
5003	Service Supervisor		1 ea	\$	175 00
CE504	Plug Container		1 ea	\$	250 00
CE501	Casing Swivel		1 ea	\$2000	2000 00
				SUB TOTAL	\$5,577 26

CHEMICAL / ACID DATA:			

RECEIVED  
APR 21 2010

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE *Lawrence R. Moss* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY *Kent Roberts*  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



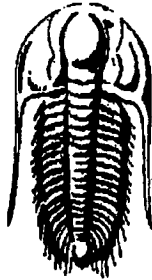
Customer AGV Corporation	Lease No.	Date 10-1-09
Lease Page	Well # 1-36	
Field Order # 0803	Station Pratt, Kansas	Casing 10.5
Type Job C.W.W. - Longstring	Depth 4,737 FT.	County Barber
	Formation	State Kansas
		Legal Description 36-335-10W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME			
Casing Size 10.5 Lb./ft.	Tubing Size 4.75 Lb./ft.	Shots/Ft	30	Sacks	360/40 Poz	with	RATE	PRESS	ISIP
Depth 4,737 Feet	Depth	From	To	Lb./Gal.	11.89 Gal.	Max	2.08 CU.FT./5 Min.		
Volume 3.38 Bbl.	Volume	From	To	Sacks	130	Min	5% Defoamer.		80 Min. FLA 322
Max Press 500 P.S.I.	Max Press	From	To	Gas Blk	1.8	Avg	5 Lb./sk. Gilsonite		15 Min
Well Connection 1 1/2 Container	Annulds Vol.	From	To	Lb./Gal.	5.63 Gal.	HHP Used	1.36 CU.FT./5 Min.		Annulus Pressure
Plug Depth 4,735 Feet	Packer Depth	From	To	Flush	74.6 Bbl.	Gas Volume			Total Load

Customer Representative Robert Roberts	Station Manager David Scott	Treater Clarence R. Messick
Service Units 19,866	19,903	19,905
Driver Names Messick	Mattal	M. McGraw
19,826	19,860	

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00					Trucks on location and hold safety meeting.
3:30					Maverick Drilling start to run Auto-Fill Guide Shoe, Shoe Joint with Latch Down Baffles screwed into collar and a total of 116 Joints new 10.5 Lb 4 1/2" casing. Ran Turbolizers on Collars # 1, 3, 4, 6, and # 8.
6:30					Casing in well. Circulate and Rotate for 75 minutes.
8:00	300			6	Start Fresh Water Pre-Flush.
			20	6	Start Super Flush II.
			32	5	Start Fresh Water spacer.
8:05			35	5	Start mixing 30 sacks scavenger cement.
	300		46	5	Start mixing 130 sacks AA-2 cement.
	-0-		77		Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.
8:17	100			6.5	Start 28 HCL Displacement.
			60	5	Start to lift cement.
8:30	500		74.6		Plug down.
	1,500				Pressure up.
					Release pressure. Float Shoe held.
			7-5	3	Plug Rat and Mouse holes
					Wash up pump truck.
9:00					Job Complete.
					Thank You.
					Clarence, Mike, Mike

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**TRILOBITE  
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**DRILL STEM TEST REPORT**

Prepared For: **AGV Corp.**

P.O. Box 377  
123 N. Main  
Attica, KS 67009-0377

ATTN: Kent Roberts

*Barber*

**36 33s 10w Barten KS**

**PAGE #1-36**

Start Date: 2009.09.28 @ 17:10:00

End Date: 2009.09.29 @ 00:22:30

Job Ticket #: 36512                      DST #: 1

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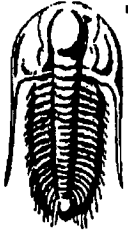
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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

AGV Corp.  
 P.O. Box 377  
 123 N. Main  
 Attica, KS 67009-0377  
 ATTN: Kent Roberts

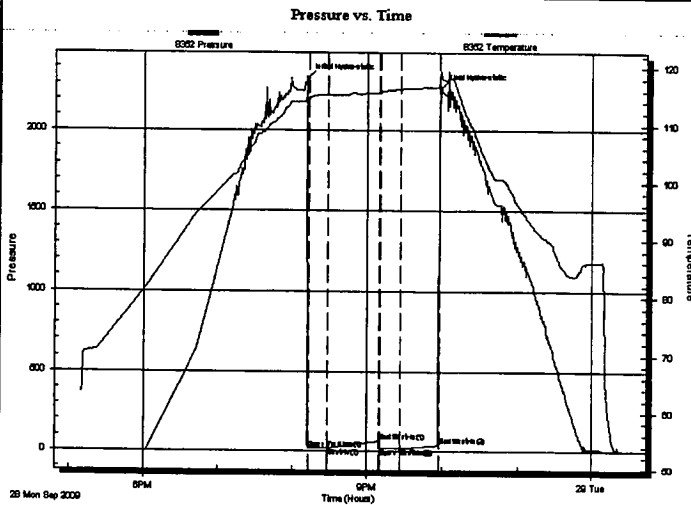
PAGE #1-36 *Barber*  
 36 33s 10w Barton-KS  
 Job Ticket: 36512 DST#: 1  
 Test Start: 2009.09.28 @ 17:10:00

**GENERAL INFORMATION:**

Formation: **Mississippian**  
 Deviated: No Whipstock ft (KB)  
 Time Tool Opened: 20:12:50  
 Time Test Ended: 00:22:30  
 Interval: **4555.00 ft (KB) To 4579.00 ft (KB) (TVD)**  
 Total Depth: 4579.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jake Fahrenbruch  
 Unit No: 43  
 Reference Elevations: 1381.00 ft (KB)  
 1371.00 ft (CF)  
 KB to GR/CF: 10.00 ft

Serial #: **8352** Inside  
 Press@RunDepth: 16.83 psig @ 4556.00 ft (KB)  
 Start Date: 2009.09.28 End Date: 2009.09.29 Capacity: 7000.00 psig  
 Start Time: 17:10:02 End Time: 00:22:30 Last Calib.: 2009.09.29  
 Time On Btm: 2009.09.28 @ 20:12:00  
 Time Off Btm: 2009.09.28 @ 21:58:40

TEST COMMENT: IF: Weak surging blow, built to 2.75".  
 IS: No blow back.  
 FF: Weak surging blow, built to 1.75".  
 FS: No blow back.



**PRESSURE SUMMARY**

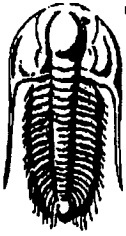
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2328.93	114.90	Initial Hydro-static
1	14.73	114.68	Open To Flow (1)
17	17.11	115.23	Shut-in(1)
58	60.31	115.62	End Shut-in(1)
59	15.20	115.65	Open To Flow (2)
75	16.83	116.33	Shut-in(2)
106	34.58	116.63	End Shut-in(2)
107	2268.17	118.92	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud 100%am	0.21

**Gas Rates**

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
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**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

AGV Corp.  
P.O. Box 377  
123 N. Main  
Attica, KS 67009-0377  
ATTN: Kent Roberts

**PAGE #1-36**  
*Barber*  
**36 33s 10w Barton KS**  
Job Ticket: 36512      **DST#: 1**  
Test Start: 2009.09.28 @ 17:10:00

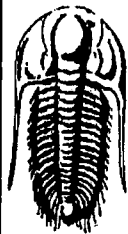
**Tool Information**

Drill Pipe:	Length: 4548.00 ft	Diameter: 3.80 inches	Volume: 63.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 63.80 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4555.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4540.00	
Hydraulic tool	5.00			4545.00	
Packer	5.00			4550.00	20.00 Bottom Of Top Packer
Packer	5.00			4555.00	
Stubb	1.00			4556.00	
Recorder	0.00	8352	Inside	4556.00	
Recorder	0.00	6799	Inside	4556.00	
Perforations	18.00			4574.00	
Bullnose	5.00			4579.00	24.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>44.00</b>				

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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

AGV Corp.  
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123 N. Main  
Attica, KS 67009-0377  
ATTN: Kent Roberts

PAGE #1-36 *Barber*  
36 33s 10w Barton KS  
Job Ticket: 36512 DST#: 1  
Test Start: 2009.09.28 @ 17:10:00

## Mud and Cushion Information

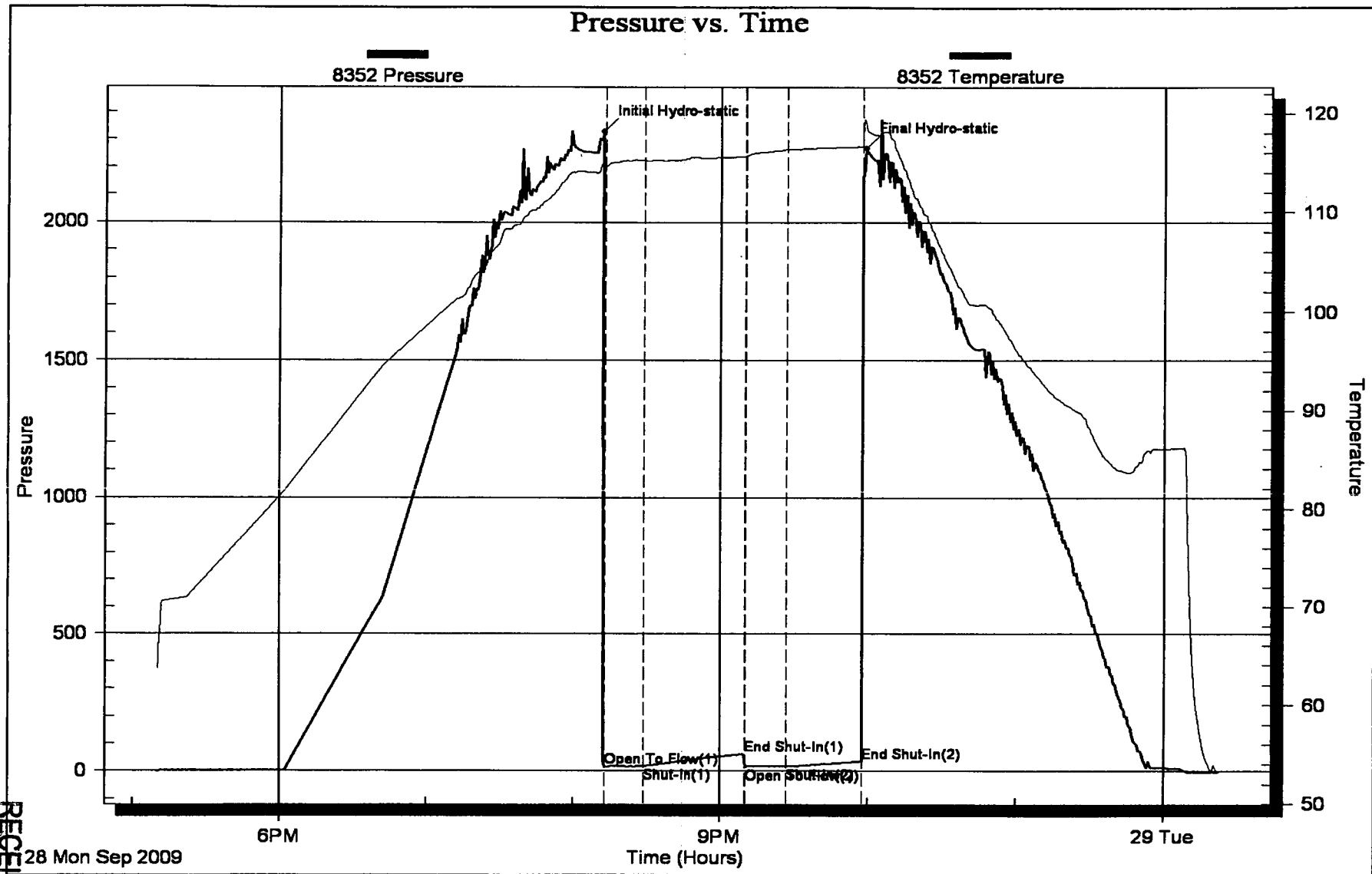
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilling Mud 100% <i>m</i>	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

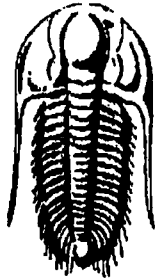


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## DRILL STEM TEST REPORT

Prepared For: **AGV Corp.**

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Attica, KS 67009-0377

ATTN: Kent Roberts *Barber*

**36 33s 10w Barton KS**

### PAGE #1-36

Start Date: 2009.09.29 @ 08:07:00

End Date: 2009.09.29 @ 17:50:49

Job Ticket #: 36513                      DST #: 2

Trilobite Testing, Inc

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Printed: 2009.10.15 @ 21:16:25 Page 1

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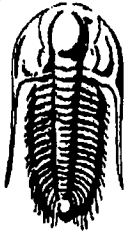
PAGE #1-36

36 33s 10w Barton KS

DST # 2

Mississippi Chart

2009.09.29



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# DRILL STEM TEST REPORT

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Attica, KS 67009-0377  
ATTN: Kent Roberts

PAGE #1-36

36 33s 10w Barton KS

Job Ticket: 36513 DST#: 2

Test Start: 2009.09.29 @ 08:07:00

## GENERAL INFORMATION:

Formation: **Mississippi Chert**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:01:00

Time Test Ended: 17:50:49

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **4582.00 ft (KB) To 4598.00 ft (KB) (TVD)**

Total Depth: 4598.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1381.00 ft (KB)

1371.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8352**

Inside

Press@RunDepth: 128.86 psig @ 4583.00 ft (KB)

Start Date: 2009.09.29

End Date: 2009.09.29

Capacity: 7000.00 psig

Last Calib.: 2009.09.29

Start Time: 08:07:02

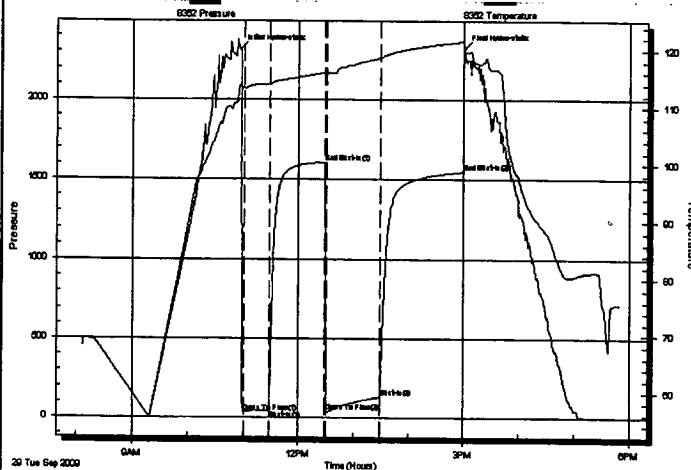
End Time: 17:50:49

Time On Btm: 2009.09.29 @ 10:57:10

Time Off Btm: 2009.09.29 @ 15:01:00

**TEST COMMENT:** IF: Strong blow, BOB in 20 seconds, GTS 16 minutes.  
IS: Bled off, weak blow back towards end of shut-in.  
FF: Strong blow, BOB immediately, recovered gas sample.  
FS: Bled off, blow back built to 7"

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2313.11	113.92	Initial Hydro-static
4	33.02	113.43	Open To Flow (1)
32	42.14	114.10	Shut-In (1)
92	1608.16	116.16	End Shut-In (1)
94	35.28	116.10	Open To Flow (2)
153	128.86	118.71	Shut-In (2)
243	1547.75	121.58	End Shut-In (2)
244	2321.34	120.19	Final Hydro-static

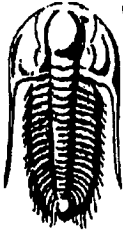
## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GCSOCWCM 17%g 3%o 10%w 70%m	0.84
60.00	GCOWM 20%g 20%o 27%w 33%m	0.84
0.00	rw = .16ohm@75degf=43000ppmchl	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	10.50	91.22
Last Gas Rate	0.13	78.00	34.58
Max. Gas Rate	0.13	78.00	34.58





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**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

AGV Corp.  
P.O. Box 377  
123 N. Main  
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ATTN: Kent Roberts

**PAGE #1-36**  
**36 33s 10w Barten KS**  
Job Ticket: 36513      **DST#: 2**  
Test Start: 2009.09.29 @ 08:07:00

**Tool Information**

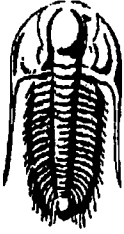
Drill Pipe:	Length: 4577.00 ft	Diameter: 3.80 inches	Volume: 64.20 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 64.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4582.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description      Length (ft)    Serial No.    Position    Depth (ft)    Accum. Lengths**

Shut In Tool	5.00			4567.00	
Hydraulic tool	5.00			4572.00	
Packer	5.00			4577.00	20.00      Bottom Of Top Packer
Packer	5.00			4582.00	
Stubb	1.00			4583.00	
Recorder	0.00	8352	Inside	4583.00	
Recorder	0.00	6799	Inside	4583.00	
Perforations	10.00			4593.00	
Bullnose	5.00			4598.00	16.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>36.00</b>				

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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

AGV Corp.

**PAGE #1-36**

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123 N. Main  
Attica, KS 67009-0377  
ATTN: Kent Roberts

**36 33s 10w Barton KS**  
Job Ticket: 36513      **DST#: 2**  
Test Start: 2009.09.29 @ 08:07:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	43000 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GCSOCWCM 17%g 3%o 10%w 70%m	0.842
60.00	GCOWM 20%g 20%o 27%w 33%m	0.842
0.00	rw = 16ohm@75degf=43000ppmchl	0.000

Total Length: 120.00 ft      Total Volume: 1.684 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:



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# DRILL STEM TEST REPORT

**GAS RATES**

AGV Corp.  
P.O. Box 377  
123 N. Main  
Attica, KS 67009-0377  
ATTN: Kent Roberts

**PAGE #1-36**  
**36 33s 10w Barton KS**  
Job Ticket: 36513      **DST#: 2**  
Test Start: 2009.09.29 @ 08:07:00

## Gas Rates Information

Temperature:            59 deg C  
Relative Density:      0.65  
Z Factor:                0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	16	0.38	10.50	91.22
1	16	0.38	10.50	91.22
1	25	0.38	5.00	71.07
1	30	0.38	4.00	67.40
2	10	0.13	27.00	15.50
2	10	0.13	27.00	15.50
2	15	0.13	33.00	17.74
2	20	0.13	38.00	19.61
2	25	0.13	43.00	21.48
2	30	0.13	49.00	23.73
2	35	0.13	54.00	25.60
2	40	0.13	58.00	27.10
2	45	0.13	63.00	28.97
2	50	0.13	68.00	30.84
2	60	0.13	78.00	34.58

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