

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32302  
Name: Key Gas Corp.  
Address: 410 Urban Drive  
City/State/Zip: Hutchinson, Kansas 67501  
Purchaser:  
Operator Contact Person: Rod Anderson  
Phone: (316) 993-2740  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Rod Anderson

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:  
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.  
07-05-02 07-17-02 8/30/02  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 007-22698-0000  
County: Barber County, Kansas  
C-E/2 NE Sec. 36 Twp. 32 S. R. 15  East  West  
1320 feet from S  N (circle one) Line of Section  
660 feet from  E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one)  NE  SE  NW  SW  
Lease Name: Garr Well #: 3A-36

Field Name: DeGeer NE  
Producing Formation:  
Elevation: Ground: 1945' Kelly Bushing: 1953'

Total Depth: 4980' Plug Back Total Depth:  
Amount of Surface Pipe Set and Cemented at 345 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 Al E 1-8-05  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name:  
Lease Name: License No.:  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.:

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KANSAS CORPORATION COMMISSION  
DEC 30 2002  
12-30-02  
CONSERVATION DIVISION  
WICHITA, KS

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: Rod Anderson  
Title: Geologist Date: 13/30/02

Subscribed and sworn to before me this 30 day of December 2002.  
Notary Public: Monica Zweifel  
Date Commission Expires: 5-22-06



KCC Office Use ONLY  
NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
YES Wireline Log Received  
NO Geologist Report Received  
\_\_\_\_ UIC Distribution

Operator Name: **Key Gas Corp.** Lease Name: **Carr** Well #: **3A-36**

Sec. **36** Twp. **32** S. R. **15**  East  West County: **Barber County, Kansas**

**JAN 190**  
**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  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 induction Log  
 Dual Compensated Porosity Log  
 Cement Bond Log  
 Sonic Log

Name	Top	Datum
Chase	2286	-333
Topeka	3604	-1651
Heebner	4062	-2109
Brown Lime	4216	-2263
Lansing	4256	-2303
Base/ Kansas City	4726	-2773
Marmaton	4736	-2783
Mississippian	4840	-2887

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	# Sacs Used	Type and Percent Additives
Surface	14-3/4"	10-3/4"	32#	345'	60/40 Poz	320	3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	4978'	AcCon AA2	150 100	2%cc 10%salt

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	4840-4844	500 gas HCL	
4	5 1/2" BP @ 4734 4700-4702	500 gal HCL	
4	5 1/2" BP @ 4318 4280-84	500 gal HCL	
4	5 1/2" BP @ 3784 3746-3754	500 gal HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method				
	<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
		150	20		

Disposition of Gas  Vented  Sold  Used on Lease  
 (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval

15-007-22698-0000

ORIGINAL



INVOICE NO.	Subject to Correction			<b>FIELD ORDER</b> 4954	
Date 7-5-02	Lease CARR	Well # 3A-36	Legal 36-32-15		
Customer ID	County BARBER	State KS	Station PRATT, KS		
CHARGE KEY GAS CORP.	Depth	Formation	Shoe Joint		
	Casing 10 3/4	Casing Depth 345'	TD	Job Type SURFACE-NEW WELL	
	Customer Representative R. WHEELER		Treater K. GORDLEY		

AFE Number \_\_\_\_\_ PO Number \_\_\_\_\_ Materials Received by **X Rich Wheeler**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	320 SK.	60/40 POZ CEMENT				
C195	80 LB.	CELLFLAKE				
C310	828 LB.	CALCIUM CHLORIDE				
F144	1 EA.	10 3/4 WOOD PLUG				
E107	320 SK.	PERMANT SERV. CHARGE				
E100	50 mile	UNITS MILES				
E104	1690 TM	TONS MILES				
R201	1 EA.	EA. 345' PUMP CHARGE				
DISCOUNT PRICE =				4146.38		
PLUS TAX						

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CONSERVATION DIVISION  
WICHITA, KS

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

147 90

As consideration, the Customer agrees:

a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:

1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

**TREATMENT REPORT**



Customer ID				Date			
Customer <b>KEY GAS CORP.</b>				7-5-02			
Lease <b>CARR</b>				Lease No.		Well # <b>3A-36</b>	
Field Order # <b>4954</b>		Station <b>PRATT, KS</b>		Casing <b>10 3/4</b>		Depth <b>345'</b>	
County <b>BARBER</b>				State <b>KS.</b>			
Type Job <b>SURFACE - NEW WELL</b>				Formation		Legal Description <b>36-32-15</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>10 3/4</b>	Tubing Size	Shots/Ft		Acid <b>320 SL. 60/40 POZ</b>		RATE	PRESS	ISIP
Depth <b>345'</b>	Depth	From	To	Pre-Pad <b>2% GEL, 3% CC,</b>	Max			5 Min.
Volume	Volume	From	To	Pad <b>1/4 #15K CELLFLAKE</b>	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 <b>R. WHEELER</b>	Station Manager <b>D. ATRY</b>	Treater <b>K. GORDLEY</b>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log		
1400			107	23	44	72	ON LOCATION
							RUN 345.52' 10 3/4" CASING
1915	200		10	6			BREAK CIRC. 12-30-02
							MIX CEMENT
	200		70	6			320 SL. 60/40 POZ 2% GEL 3% C.C. 1/4 #15K CELLFLAKE
							SHUT DOWN - RELEASE WOOD PLUG
	0		0	6			START DISP.
1945	200		32 1/2	6			PLUG DOWN
							RECEIVED KANSAS CORPORATION COMMISSION DEC 30 2002 12-30-02 CONSERVATION DIVISION WICHITA, KS
							CORD 255K CEMENT TO PETV
2030							JOB COMPLETE THANKS - KEVIN

ORIGINAL

TREATMENT REPORT



Customer ID	Date
Customer <i>Key Gas Corp</i>	<i>8-30-02</i>
Lease <i>Carr</i>	Lease No. <i>3A-36</i>

Field Order # <i>5159</i>	Station <i>PRATT</i>	Casing	Depth	County <i>Barber</i>	State <i>KS</i>
Type Job <i>Acid New Well</i>			Formation <i>MISS</i>	Legal Description <i>36-322-154</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size <i>2 3/8</i>	Shots/Ft <i>4</i>		Acid <i>500 gal 10% HFE</i>		RATE	PRESS	ISIP <i>450</i>
Depth	Depth	From <i>4840</i>	To <i>4844</i>	Pre Pad		Max <i>2</i>	<i>1400</i>	5 Min. <i>350</i>
Volume	Volume <i>18.9</i>	From	To	Pad		Min <i>125</i>		10 Min. <i>325</i>
Max Press	Max Press <i>1400</i>	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth <i>4827</i>	From	To	Flush <i>18 BL KCL</i>		Gas Volume		Total Load <i>29 BL</i>

Customer Representative <i>Russ Kilgarriff</i>	Station Manager <i>D. A. Gray</i>	Treater <i>M. C. Flemming</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>1145 ON LOC</i>
					<i>Set Up Hold Safety Meeting</i>
<i>1214</i>		<i>350</i>		<i>2.2</i>	<i>START Acid</i>
<i>1219</i>		<i>300</i>	<i>12</i>	<i>2.3</i>	<i>START WATER</i>
			<i>19.5</i>		<i>Acid on Bottom - SET PACKER</i>
<i>1222</i>		<del><i>1000</i></del> <i>1400</i>		<del><i>1.0</i></del>	<i>Press up</i>
<i>1232</i>		<i>1200</i>	<i>20</i>	<i>.25</i>	<i>Feeding</i>
<i>1233</i>		<i>1000</i>	<i>20.6</i>	<i>1.50</i>	<i>Inc Rate</i>
<i>1235</i>		<i>1100</i>	<i>21.8</i>	<i>1.0</i>	<i>11 11</i>
<i>1237</i>		<i>1050</i>	<i>24</i>	<i>1.6</i>	<i>11 11</i>
<i>1238</i>		<i>1000</i>	<i>25</i>	<i>2.0</i>	<i>11 11</i>
<i>1239</i>		<i>1000</i>	<i>29</i>	<i>2.0</i>	<i>Flush in</i>
		<i>450</i>			<i>ISIP</i>

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12-30-02  
CONSERVATION DIVISION  
WICHITA, KS

Thank You!

ORIGINAL



INVOICE NO.	Subject to Correction			<b>FIELD ORDER</b>	5159
Date 8-30-02	Lease CORA	Well # 3A-36	Legal 36-32 <sup>S</sup> -15 <sup>V</sup>		
Customer ID	County Barber	State KS	Station PRATT		
CHARGE Key Gas Corp	Depth	Formation MISS	Shoe Joint		
	Casing	Casing Depth	TD	Job Type Acid New Well	
	Customer Representative Russ Killgarriff		Treater Martin Flemming		
AFE Number	PO Number	Materials Received by X R K... C			

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
A303	500	gal 10% HCL	✓			
A312	500	gal FE CONV	✓			
C110	1	gal Acid-1E, 2	✓			
C141	2	gal CC-1	✓			
C230	1	gal S-1				
					RECEIVED KANSAS CORPORATION COMMISSION  DEC 30 2002  CONSERVATION DIVISION WICHITA KS	
E100	50 mi	UNITS 1 MILES 50				
		TONS MILES				
E200	1	EA. Acid PUMP CHARGE				
Discount Price Plus Tax				1299.20		

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

TOTAL

As consideration, the Customer agrees:

a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customer's default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:

1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.

2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.

3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.





ORIGINAL

**SALES OFFICE:**  
 105 S. Broadway  
 Suite #420  
 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

*Invoice*

<b>Bill to:</b> Key Gas Corporation 155 N. Market, Suite 900 Wichita, KS 67202	6906000	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
		208096	8/31/02	5159	8/30/02
	<b>Service Description</b>				
	Acidize				
		<b>Lease</b>		<b>Well</b>	
		Carr		3A-36	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
	Russ Killgariff	M. Flemming	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
A303	10% HCL, PRATT	GAL	500	\$1.10	\$550.00
A312	FE ACID CONVERSION	GAL	500	\$0.24	\$120.00
C110	AHIB-1 EP, ACID INHIBITOR EXTRA PROTECTION	GAL	1	\$41.50	\$41.50
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00
C230	S-1, FLUROSURFACTANT	GAL	1	\$32.50	\$32.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$3.00	\$150.00
E200	ACID PUMP SERVICE, 0-3000 PSI, 1ST 4 HRS ON LOC	EA	1	\$650.00	\$650.00

<b>Sub Total:</b>	\$1,624.00
<b>Discount:</b>	\$324.80
<b>Discount Sub Total:</b>	\$1,299.20
<b>Tax Rate: 6.30%</b>	<b>Taxes:</b> \$0.00
<b>(T) Taxable Item</b>	<b>Total:</b> <span style="border: 1px solid black; padding: 2px;">\$1,299.20</span>

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 WICHITA, KS

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.

# COPY

**FIELD ORDER** 4954C  
H  
A  
R  
G  
E

INVOICE NO.		Subject to Correction		Well #		Legal	
Date <b>25-02</b>		Lease <b>CARR</b>		3A-36		36-32-15	
Customer ID		County <b>BARBER</b>		State <b>KS</b>		Station <b>PRATT, KS.</b>	
<b>Key GAS CORP.</b>		Depth		Formation		Shoe Joint	
Casing <b>10 3/4</b>		Casing Depth <b>345'</b>		TD		Job Type <b>SURFACE-NEW WELL</b>	
Customer Representative <b>R. WHEELER</b>		Treater <b>K. GORDLEY</b>					

AFE Number	PO Number	Materials Received by <b>R. Wheeler</b>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	320 SK.	60/40 POZ CEMENT	✓			
C195	80 lb.	CELLFLAKE	✓			
C310	828 lb.	CALCIUM CHLORIDE	✓			
F144	1 EA.	10 3/4 WOOD PLUG	✓			
					RECEIVED KANSAS CORPORATION COMMISSION  DEC 30 2002  CONSERVATION DIVISION WICHITA, KS	
E107	320 SK.	CEMENT SERV. CHARGE				
E100	50 mile	UNITS	MILES			
E104	690 TM	TONS	MILES			
R201	1 EA.	EA. 345'	PUMP CHARGE			
DISCOUNT PRICE =				4146.38		
PLUS TAX						

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

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
  1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
  2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
  3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution; subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products; supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

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## TREATMENT REPORT



Customer ID		Date	
Customer <i>Key Gas Corp</i>		<i>8-30-02</i>	
Lease <i>Corp</i>		Lease No.	Well # <i>3A-36</i>
Field Order # <i>5159</i>	Station <i>PROTT</i>	Casing	Depth
Type Job <i>Acid New Well</i>		Formation <i>MISS</i>	Legal Description <i>36-32-15V</i>
		County <i>Barber</i>	State <i>Ks</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size <i>2 3/8</i>	Shots/Ft <i>4</i>		Acid <i>500 gal 10% OFE</i>		RATE	PRESS	ISIP <i>450</i>
Depth	Depth	From <i>4840</i>	To <i>4844</i>	Pre Pad		Max <i>2</i>	<i>1400</i>	5 Min. <i>350</i>
Volume	Volume <i>18.9</i>	From	To	Pad		Min <i>125</i>		10 Min. <i>325</i>
Max Press	Max Press <i>1400</i>	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth <i>4827</i>	From	To	Flush <i>18 BL KCL</i>		Gas Volume		Total Load <i>29 BL</i>

Customer Representative <i>Russ Killgarriff</i>	Station Manager <i>D. A. Gray</i>	Treater <i>M. C. Flemming</i>
Service Units <i>21</i>	<i>104</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>1145 on Loc</i>
					<i>Set up Hold Safety Meeting</i>
<i>1214</i>		<i>350</i>		<i>2.2</i>	<i>START Acid</i>
<i>1219</i>		<i>300</i>	<i>12</i>	<i>2.3</i>	<i>START WATER</i>
			<i>19.5</i>		<i>Acid on BOTTOM - SET PACKER</i>
<i>1222</i>		<i>1400</i> <del><i>1000</i></del>		<del><i>10.00</i></del>	<i>Press up</i>
<i>1232</i>		<i>1200</i>	<i>20</i>	<i>.25</i>	<i>Feeding</i>
<i>1233</i>		<i>1000</i>	<i>20.6</i>	<i>1.50</i>	<i>Incl Rate</i>
<i>1235</i>		<i>1100</i>	<i>21.8</i>	<i>1.0</i>	<i>11 11</i>
<i>1237</i>		<i>1050</i>	<i>24</i>	<i>1.6</i>	<i>11 11</i>
<i>1238</i>		<i>1000</i>	<i>25</i>	<i>2.0</i>	<i>11 11</i>
<i>1239</i>		<i>1000</i>	<i>29</i>	<i>2.0</i>	<i>Flush in</i>
		<i>450</i>			<i>ISIP</i>

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KANSAS CORPORATION COMMISSION

DEC 30 2002

CONSERVATION DIVISION  
WICHITA, KS

Thank You!



5159  
Key Bas. Corp  
CGAR 3A-36  
Miss  
8-30-02  
500 gal 10<sup>90</sup> FE  
MCFleming

PRINTED IN U.S.A.

PRESSURE

10 9 8 7 6 5 4 3 2 1 0

FLOW RATE

10 9 8 7 6 5 4 3 2 1 0

CONSERVATION DIVISION  
WICHITA, KS

GRAPHIC CORPORATION BUFFALO, NEW YORK

DEC 30 2002

RECEIVED  
KANSAS CORPORATION COMMISSION

ORIGINAL

PRESSURE

10 9 8 7 6 5 4 3 2 1 0

FLOW RATE

10 9 8 7 6 5 4 3 2 1 0

Flush in

Inc Rate

CHART NO. HDL PDU-1

Inc Rate

Feeding

PRESSURE

10 9 8 7 6 5 4 3 2 1 0

Press up  
Acid on Bottom - Set packer

START WATER

PRESSURE

10 9 8 7 6 5 4 3 2 1 0

START Acid

FLOW RATE

10 9 8 7 6 5 4 3 2 1 0

FLOW RATE

10 9 8 7 6 5 4 3 2 1 0

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## TREATMENT REPORT



Customer ID				Date			
Customer <b>KEY GAS CORP.</b>				7-5-02			
Lease <b>CARR</b>				Lease No.		Well # <b>3A-36</b>	
Field Order # <b>4954</b>	Station <b>PRATT, KS</b>		Casing <b>10 3/4</b>	Depth <b>345</b>	County <b>BARBER</b>	State <b>KS</b>	
Type Job <b>SURFACE - NEW WELL</b>				Formation		Legal Description <b>36-32-15</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <b>10 3/4</b>	Tubing Size	Shots/Ft		Acid <b>320 SL. 60/40 P02</b>	RATE	PRESS	ISIP
Depth <b>345</b>	Depth	From	To	Pre Pad <b>2% GEL, 3% CC,</b>	Max		5 Min.
Volume	Volume	From	To	Pad <b>1/4 #15K CELL P/AKE</b>	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 <b>R. WHEELER</b>	Station Manager <b>D. ATRY</b>	Treater <b>K. GORDLEY</b>
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Service Units		107	23	44	72				
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log				
1400					ON LOCATION				
					RUN 345.52' 10 3/4" CASING				
1915	200		10	6	BREAK CIRC.				
					MIX CEMENT				
	200		70	6	320 SL. 60/40 P02 2% GEL, 3% C.C., 1/4 #15K CELL P/AKE				
					SHUT DOWN - RELEASE WOOD PLUG				
	0		0	6	START DISP.				
1945	200		32 1/2	6	PLUG DOWN				
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					DEC 30 2002				
					CONSERVATION DIVISION WICHITA, KS				
2030					JOB COMPLETE				
					THANKS - KEVIN				