

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32302
Name: Key Gas Corp.
Address: 155 N. Market Suite 900
City/State/Zip: Wichita, KS 67202
Purchaser: _____
Operator Contact Person: Rod Andersen
Phone: (316) 265-2270
Contractor: Name: Key Gas Corp.
License: 32302
Wellsite Geologist: Rod Andersen

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____
12-12-03 1-11-04 1-11-04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 21 2004
CONSERVATION DIVISION
WICHITA, KS

API No. 15 - 009 - 24779 - 00 - 00
County: Barton
NE NW Sec. 23 Twp. 20 S. R. 11 East West
660 FEET 4767 feet from (S) (circle one) Line of Section
1980 FEET 3381 feet from (E) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Reiser Well #: 2

Field Name: _____
Producing Formation: Arbuckle
Elevation: Ground: 1755 Kelly Bushing: 1760
Total Depth: 3335 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 275 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 ALTI WITHIN 4-2-07
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used Evaporate & Fill
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: Rod Andersen
Title: Geologist Date: 7/21/04
Subscribed and sworn to before me this 21 day of JULY
2004
Notary Public: Bonita Danner
Date Commission Expires: 3-17-08

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

BONITA DANNER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-17-08

Operator Name: Key Gas Corp. Lease Name: Reiser Well #: 2
 Sec. 23 Twp. 20 S. R. 11 East West County: _____

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 Porosity
 Dual Induction

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Chase	1475	+285
Brn. Line	2618	-858
Lansing	2628	-868
Arbuckle	3030	

CASING RECORD <input 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	# Sacs Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24#	275	60/40 POZ	200sx	2% gel.
Production	7 7/8	4 1/2		3329	50/50 POZ 60/40 POZ	75sx 25sx	

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	3282-86	500 gal. HCL	
4	3116-20	500 gal. HCL	

TUBING RECORD Size 2 7/8 Set At 3110 Packer At _____ Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours Oil Bbls. 10 Gas Mcf _____ Water Bbls. 5 Gas-Oil Ratio _____ Gravity _____

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



INVOICE NO.
Date **12-13-03**
Customer ID

FIELD ORDER 7250

Subject to Correction

Lease **Relser** Well # **2-23** Legal **23-20S-11W**
County **Barton** State **Ks.** Station **Pratt**

CHARGE

Key Gas Corp.

Depth Formation Shoe Joint **30179**
Casing **4 5/8 23#** Casing Depth **269.58** TD **291** Job Type **4 5/8 Surface Pipe Well New**
Customer Representative **Roger Kilgariff** Treater **Bobby Drake**

AFE Number PO Number

Materials Received by **X Roger Kilgariff**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
0203	200sk.	60/40 Poz (Common)				
C310	580lb.	Calcium Chloride				
C194	56lb.	PellFlake				
<p>RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS</p>						
E107	200sk.	Cont. Service Charge				
E100	55mi.	UNITS 1-Way MILES 55mi.				
E104	532tm.	TONS MILES				
R200	1ea.	EA. 0-300' PUMP CHARGE				
Discounted Price				3064.41		

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>Key Gas Corp.</i>		<i>12-13-03</i>	
Lease <i>Reiser</i>		Lease No.	Well # <i>2-23</i>

Field Order # <i>250</i>	Station <i>Pratt</i>	Casing <i>8 5/8 23#</i>	Depth <i>269.58</i>	County <i>Barton</i>	State <i>Ks</i>
Type Job <i>4 5/8 Surface Pipe New Well</i>			Formation	Legal Description <i>23-205-11W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8 23#</i>	Tubing Size	Shots/Ft	<i>Cont.</i>	Acid <i>200sk, 60/40 Poz</i>		RATE	PRESS	ISIP
Depth <i>269.68</i>	Depth	From	To	Pre Pad <i>14.7 #gal 125#43</i>		Max		5 Min.
Volume <i>17.25</i>	Volume	From	To	Pad <i>2 1/2 gal 35% O.C. 1/4# C-118 HKE</i>		Min		10 Min.
Max Press <i>500</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <i>Valve</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>261.69</i>	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>Keyer K. Garritt</i>	Station Manager <i>Dave Andry</i>	Treater <i>Bobby Drake</i>
--	--------------------------------------	-------------------------------

Service Units					Service Log	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate		
<i>2:00</i>					<i>On Location - Safety Meeting</i>	
<i>2:35</i>					<i>Run Csg. - 9 lts. 8 5/8 23#</i>	
<i>3:25</i>					<i>Csg. on Bottom</i>	
<i>3:48</i>					<i>Hook Up to Csg. - Break Circ. w/ Rig</i>	
<i>3:55</i>	<i>200</i>		<i>10</i>	<i>4.5</i>	<i>H2O Ahead</i>	
<i>4:14</i>	<i>250</i>		<i>4.7</i>	<i>4.5</i>	<i>Mix Cont.</i>	
<i>4:24</i>	<i>280</i>		<i>16.75</i>	<i>5.0</i>	<i>Start Disp.</i>	
<i>4:35</i>					<i>Shut Down - Close Valve on Csg.</i>	
					<i>Circulation Thru Job</i>	
					<i>Circulated Cont. To Pit</i>	
					<i>Job Complete</i>	
					<i>Thanks, Bobby</i>	

RECEIVED
 KANSAS CORPORATION COMMISSION
JUL 21 2004
 CONSERVATION DIVISION
 WICHITA, KS



INVOICE NO.
 Date 12-13-03
 Customer ID

Subject to Correction
 FIELD ORDER 7250
 Lease Relsier Well # 2-23 Legal 23-205-11W
 County Barton State KS Station Pratt
 Depth Formation Shoe Joint 30179
 Casing 2 3/8 23" Casing Depth 269.58 TD 291 Job Type 2 3/8 Surface Pipe New
 Customer Representative Roger Kilgarriff Treasurer Bobby Drake

CHARGE

Key Gas Coop.

APE Number PO Number

Materials Received by X Roger Kilgarriff

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
0203	2006K	100/100 Poz (Common)				
C310	580 lb.	Calcium Chloride				
C194	56 lb.	Cellulose				
RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS						
E107	200sk.	Cont. Service Charge				
E100	55mi.	UNITS 1-Way MILES 55mi.				
E104	032tm.	TONS MILES				
R200	1ea.	EA. 0-300' PUMP CHARGE				
Disc. Sub TOTAL				2960.51		
BARTON CTY SALES TAX				103.90		
Discounted Price				3064.41		

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

TOTAL

Taylor Printing, Inc

White - Accounting • Canary - Customer • Pink - Field Office



TREATMENT REPORT

Customer ID		Date	
Customer <i>Key Gas Corp.</i>		<i>12-13-03</i>	
Lease <i>Reiser</i>		Lease No.	Well # <i>2-23</i>

Field Order # <i>2250</i>	Station <i>Pratt</i>	Casing <i>8 5/8 23#</i>	Depth <i>269.58</i>	County <i>Barton</i>	State <i>Ks</i>
Type Job <i>8 5/8 Surface Pipe New Well</i>			Formation	Legal Description <i>23-205-11W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8 23#</i>	Tubing Size	Shots/Ft <i>Cont.</i>		Acid <i>200sk, 60/40 Poz</i>		RATE	PRESS	ISIP
Depth <i>269.58</i>	Depth	From	To	Pre Pad <i>14.7 #/gal 1.25 #/3</i>		Max		5 Min.
Volume <i>17.25</i>	Volume	From	To	Pad <i>20 bgs 2.35 to 6.0 1/4 #/gal</i>		Avg		10 Min.
Max Press <i>500</i>	Max Press	From	To	Frac				15 Min.
Well Connection <i>Vertical</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>261.64</i>	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>Kyle Kilgusiff</i>	Station Manager <i>Dave Antry</i>	Treater <i>Bobby Drake</i>
--	--------------------------------------	-------------------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:00</i>					<i>On Location - Safety Meeting</i>
<i>2:35</i>					<i>Run Csg. - 9 jts. 8 5/8 23#</i>
<i>3:25</i>					<i>Csg. on Bottom</i>
<i>3:48</i>					<i>shook up to leg. - Break Circ. w/ Rig</i>
<i>3:55</i>	<i>200</i>		<i>10</i>	<i>4.5</i>	<i>H2O Ahead</i>
<i>4:14</i>	<i>250</i>		<i>4.7</i>	<i>4.5</i>	<i>Mix Cont.</i>
<i>4:24</i>	<i>200</i>		<i>16.75</i>	<i>5.0</i>	<i>Start Disp.</i>
<i>4:35</i>					<i>Shut Down - Close Valve on Csg.</i>
					<i>Circulation Thru Job</i>
					<i>Circulated Cont. To Pit</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

RECEIVED
 KANSAS CORPORATION COMMISSION
JUL 21 2004
 CONSERVATION DIVISION
 WICHITA, KS



INVOICE NO.
Date 12-13-03
Customer ID

Subject to Correction

FIELD ORDER 7250

Lease Relser Well # 2-23 Legal 23-205-11W
County Barton State Ks. Station Pratt

CHARGE Key Gas Corp. Depth Formation Shoe Joint 30,79
Casing 4 5/8 23" Casing Depth 269.58 TD 291 Job Type 4 5/8 Surface Pipe Well New
Customer Representative Roger Kilgarriff Treater Bobby Drake

AFE Number PO Number Materials Received by **X** Roger Kilgarriff

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
<u>D203</u>	<u>200sk.</u>	<u>60/40 Poz (Common)</u>				
<u>C310</u>	<u>580lb.</u>	<u>Calcium Chloride</u>				
<u>C194</u>	<u>56lb.</u>	<u>Cellulose</u>				
<p>RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS</p>						
<u>E107</u>	<u>200sk.</u>	<u>Cont. Service Charge</u>				
<u>E100</u>	<u>55mi.</u>	UNITS <u>1-Way</u> MILES <u>55mi.</u>				
<u>E104</u>	<u>532tm.</u>	TONS MILES				
<u>R200</u>	<u>1ea.</u>	EA. <u>0-300'</u> PUMP CHARGE				
<u>Discounted Price</u>				<u>3064.41</u>		

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

Key Gas
 Reiser #2-23
 Barton County, KS.
 Sec. 23-20S-11W
 4 1/2" Longstring cement Procedure

CODE			PRICE ESTIMATE
	<u>Cement</u>		
D204	75 sk.	50/50 POZ (Common)	\$513.00
D203	25 sk.	60/40 POZ (Common)	\$196.00

	<u>Chemicals</u>		
C195	48 lb	FLA-322	\$360.00
C221	345 lb	Salt (fine)	\$86.25

RECEIVED
 KANSAS CORPORATION COMMISSION

JUL 21 2004

CONSERVATION DIVISION
 WICHITA, KS

Float Equipment & Misc. Chemicals

<u>Equipment</u>				
E100	55 mi	Heavy Vehicle Mileage	1-way	\$178.75
E107	100 sk	Cement Service Charge		\$150.00
E104	234 tm	Proppant and Bulk Delivery per ton Mile, \$200 min.	55 miles 4.4 tons	\$304.20
R207	1 ea	Casing Cement Pumper, 3001-3500'	First 4 hrs on location	\$1,596.00
R701	1 ea	Cement Head Rental		\$250.00

Book Price Subtotal: \$3,634.20

Cash Subtotal \$2,725.65
 Sales Tax \$56.75
Cash Price \$2,782.40

TREATMENT REPORT



Customer ID		Date	
Customer KEY GAS COEP		1-11-04	
License REISER	License No.	Well # 2223	State KS
Field Order # 2470	Customer LUREAL	Casing 4 1/2	Depth 3329
Type Job 4 1/2 L.S. (New well)	Formation	County BARTON	Legal Description 23-00-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT REGIME	
Casing Size	Testing Size	SholePT		API	RATE	PRICE	HP
4 1/2				25 SA 50/50 PZ			8 Min.
Depth 3329	Depth	From	To	25 SA 60/40 PZ	Min		60 Min.
Volume 52	Volume	From	To		Min		75 Min.
Max Press 1500	Max Press	From	To		Avg		Annular Pressure
Well Completion P.C.	Annular Vol.	From	To		HPF Used		Total Lead
Plug Depth	Plaster Depth	From	To	Flush H ₂ O	Max Volume		

Customer Representative: LYLE CRAW Station Manager: DICK MORRIS Treasurer: SHAWN FREDERICK

Time	Casing Pressure	Tubing Pressure	Shut. Pressure	Rate	Service Log
1000					DN Location / casing on Barton / 1/4 in
1005					PRE-JOB SAFETY MEETING
1010					RIG UP P.T.
1045					Hook up P.C.
1049	300		16.5	5	Pump 25 SA 50/50 PZ @ 14.6 gpm
1056					SHUT DOWN / DUMP PLUG
1101	0		62	5.5	Pump D-SP
1113	600		(45 in)	2	Slow RATE
1115	1400			2	LAND Plug
1116					Release FLAT - H ₂ O
1120					WASH LINES TO FT.
1130					JOB Complete
					Left 25 SA 60/40 PZ ON GROUND
					For RT

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 21 2004
 CONSERVATION DIVISION
 WICHITA, KS



INVOICE NO. **FIELD ORDER 7470**
 Subject to Correction
 Date **1-11-04** License **RTSBR** Well # **222** Legal **23-20-11**
 Customer ID County **Barton** State **KS** Station **LEGALL**
 District **3309** Formation **25** Show Joint
 Casing **4 1/2** Casing Depth **3309** TD **3330** Log Type **4 1/2 L.S. (new well)**
 Customer Representative **LYE CASON** Trainer **Shawn FRANCIS**

RECEIVED

AFB Number _____ PO Number _____
 Materials Received by *[Signature]*

Product Code	QUANTITY	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	755K	50/50 Pdz (common)				
D803	255K	100/40 Pdz (common)				
C195	4816	EIA-322				
C221	34516	SALT (Eia)				
RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS						
R201	1ea	CMT HEAD RENTAL				
E107	100sm	CMT SERVICE charge				
E180	1ea	UNITS 1 MILES 1.25				
E104	234 Tm	TONG 4 MILES 55				
R207	1ea	EA. 4 hrs PUMP CHARGE				
Discount Total						2,725.65
Plus Tax						56.75
TOTAL						2,782.40

102-J NE Highway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 Phone (620) 672-1201 Fax (620) 672-5383

Taylor Printing, Inc.

White - Accounting • Canary - Customer • Pink - Field Office



TREATMENT REPORT

Customer ID	Date
Customer KEY GAS CORP	1-11-04
Lease RELSEY	Lease No.
	Well # 223

Field Order # 2470	Station LIBERAL	Casing 4 1/2	Depth 3329	County BAWTON	State KS
Type Job 4 1/2 L.S. (New well)			Formation	Legal Description 23-20-11	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 25 SH 50/50 P02		RATE	PRESS	ISIP
Depth 3329	Depth	From	To	Pre Pad 25 SH 60/40 P02		Max		5 Min.
Volume 52	Volume	From	To	Pad		Min		10 Min.
Max Press 1500	Max Press	From	To	Frac		Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 1/20		Gas Volume		Total Load

Customer Representative LYLE CARSON	Station Manager Dirk MORRIS	Treater Shawn FREDERICK
---	---------------------------------------	-----------------------------------

Service Units	164	28	35	70
---------------	------------	-----------	-----------	-----------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1000					DN LOCATION / casing on Bottom / 216 cur
1005					PRE-JOB SAFETY MEETING
1010					RIG op P.T.
1045					Hook up P.C.
1049	300		16.5	5	Pump 25 SH 50/50 P02 @ 14.6 #
1054					Shot Down / Drop Plug
1101	0		52	5	Pump Disp
1113	600		(45 in)	2	Slow RATE
1115	1400			2	LAND Plug
1116					Release FLOAT - HSLD
1120					WASH Lines To P.T.
1130					JOB Complete
					left 25 SH 60/40 P02 on ground
					for RH

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 21 2004
CONSERVATION DIVISION
WICHITA, KS