

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: Ace Drill N
License: 33009
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. _____

<u>9-12-03</u>	<u>9-23-03</u>	<u>10-15-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-22773-00-00
County: Barber
S/2. NW SE Sec. 5 Twp. 34 S. R. 12 East West
1650 feet from (S) / N (circle one) Line of Section
2000 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Grice Well #: 1
Field Name: Boggs
Producing Formation: Miss
Elevation: Ground: 1522 Kelly Bushing: 1527
Total Depth: 4900 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at _____ 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 ALT I WITH
(Data must be collected from the Reserve Pit) 4-3-07
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.: _____

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KANSAS CORPORATION COMMISSION
JUL 21 2004
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 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
 TIC Distribution

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



Operator Name: Key Gas Corp. Lease Name: Grice Well #: #1
 Sec. 5 Twp. 34 S. R. 12 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 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

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Topeka	3552	-2032
Heebner	3821	-2301
Lansing	4020	-2500
Miss	4766	-3246

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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24#	247	60/40 POZ	200sx	
Production	7 7/8	4 1/2		4869	Common	125sx	

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	4773-77	1000 Gal. Hcl	
	4766-70	1000 Gal. Hcl	
	4749-53	1000 Gal. Hcl	

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

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

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 _____



TREATMENT REPORT

Customer ID		Date	
Customer Key Gas Comp		9-13-03	
Lease Grice		Lease No.	Well # 1-5
Field Order # 7018	Station Pratt KS	Casing 8 7/8	Depth 265
Type Job Surface New Well		County Barber	State KS
		Formation	Legal Description 5-345-12w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 7/8	Tubing Size	Shots/Ft		Acid 200 sk. 60-40 p/z		RATE	PRESS 500	ISIP
Depth 247	Depth PBTD	From	To	Pre Pad 3% CC	Max			5 Min.
Volume 16	Volume	From	To	Pad 1.25 R+3 14.5 ppg	Min			10 Min.
Max Press 500	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	44.5 Bbls 5L	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush H2O	Gas Volume			Total Load

Customer Representative Ernesto Gallegos	Station Manager Dave Autry	Treater D. Scott
Service Units 106 26 36 76		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0930					On loc w/Trk's Safety mtg Csg on Bottom Circ w/Rig
1005	200		5	5	H2O Spacer
1007	200		44.5	5	mix Cmt @ 14.5 ppg 200 sks
1017	100			4	St Disp w/H2O
1028	225		16	0	Disp In Chase In Swager Valve
					Circ 7 Bbls Cmt = 30
<p>RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS</p>					
<p>Job Complete Thank you Scotty</p>					



INVOICE NO.
Date 9-13-03
Customer ID

Subject to Correction

FIELD ORDER

7018

Lease Grice Well # 1-5 Legal 3-345-12w
County Barber State KS Station Pratt KS
Depth Formation TP=267' 24ppf Shoe Joint 20ft requested
Casing 8 5/8 Casing Depth 263 TD 267 Job Type Surface New Well
Customer Representative Ernesto Gallegos Treater D.Scott

CHARGE

Key Gas Corp

AFE Number PO Number

Materials Received by X Ernesto Gallegos

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	200sk	60-40 por Common	✓			
C310	516 lbs	Calcium Chloride	✓			
C195	50 lbs	Cell flake	✓			
<p>RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS</p>						
E107	200sk	Cmt Serv Chg				
E100	1 ea	UNITS 1 way MILES 30				
E104	430 tm	TONS 1 way MILES 50			PAID CHECK	
R200	1 ea	EA. 0-300 PUMP CHARGE			NUMBER	2048
TOTAL PRICE					\$2878.03	

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TOTAL



TREATMENT REPORT

Customer ID		Date	
Customer <i>Key Gas Corp</i>		<i>9-13-03</i>	
Lease <i>Grice</i>		Lease No.	Well # <i>1-5</i>
Field Order # <i>7018</i>	Station <i>Pratt KS</i>	Casing <i>8 7/8</i>	Depth <i>265</i>
Type Job <i>Surface New Well</i>		County <i>Barber</i>	State <i>KS</i>
Formation		Legal Description <i>5-345-12w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 7/8</i>	Tubing Size	Shots/Ft		Acid <i>200 sk. 60-40 pp2</i>		RATE	PRESS <i>300</i>	ISIP
Depth <i>247</i>	Depth <i>PBTD</i>	From	To	Pre Pad <i>370 PC</i>		Max		5 Min.
Volume <i>16</i>	Volume	From	To	Pad <i>1.25 f+3 14.5 pp2</i>		Min		10 Min.
Max Press <i>300</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To	<i>44.5 Bbls SL</i>		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>H2O</i>		Gas Volume		Total Load

Customer Representative <i>Ernesto Gallegos</i>	Station Manager <i>Dave Austry</i>	Treater <i>D. Scott</i>
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Service Units					Service Log
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	
<i>0930</i>					<i>On loc w/Trks Safety mtg Msg on Bottom Circ w/Rig</i>
<i>1005</i>	<i>200</i>		<i>5</i>	<i>5</i>	<i>H2O Spacer</i>
<i>1007</i>	<i>200</i>		<i>44.5</i>	<i>5</i>	<i>Mix Mt @ 14.5 pp2 200 sk</i>
<i>1017</i>	<i>100</i>			<i>4</i>	<i>St Diso w/H2O</i>
<i>1028</i>	<i>225</i>		<i>16</i>	<i>4</i>	<i>Disp II. Chose II. Swager Valve</i>
					<i>Pinc 7 Rbls Mt = 30</i>
RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS					
					<i>Job complete Thank you Scotty</i>



INVOICE NO.		Subject to Correction		FIELD ORDER		7018		
Date	7-13-03	Lease	1-2-03	Well #	1-5	Legal	3-345-12w	
Customer ID		County	Barber	State	KS	Station	Pratt KS	
CHARGE	Key Gas Corp		Depth	Formation		Shoe Joint		
			Casing	8 5/8	Casing Depth	265	TD	267
			Customer Representative		Ernesto Gallegos		Treater	
							5-0#	

AFE Number	PO Number	Materials Received by	X Ernesto Gallegos
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	200 sk.	60-40 doz Permian	✓			
C310	516 lbs	Calcium Chloride	✓			
219	54 lb.	Cellfite	✓			
RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS						
E107	200 sk.	Pratt Serv Ph.				
E100	1 ea	UNITS 1 way MILES 50				
E104	430 +m	TONS 1 way MILES 50			PAID CHECK	
R300	1 ea	EA. 5-300 PUMP CHARGE			NUMBER	2048
TOTAL PRICE					\$2878.03	

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TREATMENT REPORT

Customer ID		Date	
Customer Key Gas		9-23-03	
Lease Grice		Lease No.	Well # 1-3
Field Order # 1022	Station Pratt HS	Casing 4 1/2	Depth 4901
Type Job Long String New Well		County Barber	State KS
		Formation	Legal Description 3-34s-12w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 12.5sli Econobond	RATE	PRESS 1300	ISIP
Depth 4869	Depth DBTD	From	To	Pre Pad 1.5% FLA-322 1/4 C.F.	Max		5 Min.
Volume 77.4	Volume	From	To	Pad 1.50 #3 13.8 ppg	Min		10 Min.
Max Press 1300	Max Press	From	To	Frag 3.3 Bbli SL	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	Flush 12 Bbli m.f.	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To		Gas Volume		Total Load

Customer Representative Fred Payne	Station Manager Dave Astry	Treater D. Scott
Service Units 166	27	32
25		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1900					Cont 1-3-5-7-9-11 Service Log On loc w/ Trki Safety mtg Guide Shoe Bottom ISFB Top SJ Csg on Bottom Drop Ball Circ w/Rig Wait on H2O
0145	300		5	5	H2O Spacer
0149	300		12	5	St mud Flush
0150	300		5	5	H2O Spacer
0152	350		33.3	5	mix Cmt @ 13.8 ppg 125 sk
0159	0		10	5	Close In a Wash Pump & line
0200	100			6	Release Plug & St Disp w/H2O
0209	325			5	lifting Cmt 55 Bbli out
0213	1000		77.4	0	Plug Down & ps. Test Csg
0215	0				Release ps. float Hold
			3.4		Good Circ Thru Job Plug R.H. w/15sli 60-40 poz
					Chart not work

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KANSAS CORPORATION COMMISSION
JUL 21 2004
CONSERVATION DIVISION
WICHITA, KS

Job Complete
Thank you Scotty



INVOICE NO.		Subject to Correction		FIELD ORDER		7022	
Date	9-23-03	Lease	Grice	Well #	1-5	Legal	3-34s-12w
Customer ID		County	Barber	State	KS	Station	Pratt KS
Key Gas		Depth		Formation	TP= 4900' 10.5ppt	Shoe Joint	32.08
Casing	4 1/2	Casing Depth	4901	TD	4902	Job Type	Long String New Well
Customer Representative				Treater			
Fred Payne				D. Scott			

CHARGE

AFE Number	PO Number	Materials Received by	X Fred Payne
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D207	125 skt	Econobond Common	✓			
C195	89 lb	FLA-322	✓			
C194	59 lb	Cellflake	✓			
C302	500 gal	mud Flush	✓			
F230	1 ea	ISFV 4/Fill 4 1/2	✓			
F190	1 ea	Guide Shoe "	✓			
F142	1 ea	Top Swiper Plug "	✓			
F100	6 ea	Centralizer "	✓			
F800	1 ea	Threadlock	✓			
<p>RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS</p>						
E107	125 skt	Cmt Serv Chg				
E100	1 ea	UNITS /way MILES 45				
E104	266 tm	TONS /way MILES 45				
R210	1 ea	EA. 4501-5000' PUMP CHARGE				
R201	1 ea	Cmt Head Rental				
TOTAL PRICE				\$4703.52		
					PAID on 9-26-03	
					CHECK # 2171	

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