

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

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JUL 21 2004  
CONSERVATION DIVISION  
WICHITA, KS

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>1-16-04</u>	<u>2-11-04</u>	<u>3-10-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23220-00-00  
County: Stafford  
NW NE SE SW Sec. 34 Twp. 24 S. R. 12  East  West  
2310 feet from  S /  N (circle one) Line of Section  
1750 feet from E /  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW  SW

Lease Name: McMillian Well #: 1

Field Name: \_\_\_\_\_  
Producing Formation: Viola

Elevation: Ground: 1875 Kelly Bushing: 1879

Total Depth: 3983 Plug Back Total Depth: 3978

Amount of Surface Pipe Set and Cemented at 264 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 WITHIN  
(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.: \_\_\_\_\_

**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 \_\_\_\_\_

SIC Distribution \_\_\_\_\_

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

Operator Name: Key Gas Corp. Lease Name: McMillian Well #: 1  
 Sec. 34 Twp. 24 S. R. 12  East  West County: Stafford

**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'  
 Dual Porosity  
 Micro Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Topeka	3027	-1148
Heebner	3359	-1480
Kansas City	3538	-1679
Viola	3944	-2065

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 #	264	60/40 POZ	200	
Production	7 7/8	5 1/2		3978	50/50 POZ	125	

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	3944-56	1000Gal HCL	
4	3954-60	1000 Gal HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2	3400		<input type="checkbox"/> Yes <input type="checkbox"/> No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20	200 MCF	10		

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_

Production Interval  Other (Specify) \_\_\_\_\_

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CONSERVATION DIVISION  
WICHITA, KS

**TREATMENT REPORT**



Customer ID		Date	
Customer Key Gas Corp		2-11-04	
Lease McMillian		Lease No.	Well # 1-A
Field Order # 7735	Station Pratt KS	Casing 5 1/2	Depth 3999
County Stafford		State KS	
Type Job Long String New Well		Formation	Legal Description 34-24-120

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 3 1/2	Tubing Size	Shots/Ft 1.27	14.7 ppg	Acid 125 gal 80-50 per	RATE 290 Gal	PRESS 1500	ISIP
Depth 3978	Depth DBTD	From	To	Pre Prod 10% Salt, 8% F.A.-32	Max 4 C.F.		5 Min.
Volume 94.6	Volume	From	To	Post 25 gal 60-40 per Plus R.H. & M.H.	Min		10 Min.
Max Press 1500	Max Press	From	To	28.2 Bbl: SL	And		15 Min.
Well Connection	Annulus Vol.	From	To	20 Bbl: Salt + 500 gal: Flush	HHP/Head m.f.		Annulus Pressure
Plug Depth	Packer Depth	From	To		Gas Volume		Total Load

Customer Representative Roger Kilgariff	Station Manager Dave Autry	Treater D. Scott
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Service Units	118	46	57	38	75				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1700					On loc w/Trk: Safety mtg Comp floor Equip Csg on Bottom Break Circ
1945	200		20	5	St Salt Flush
1949	200		12	5	St mud Flush
1953	200		5	5	H2O Spacer
1955	225		28.2	5	mix Cmt @ 14.7 ppg 125 gal
1801	0		10	6	Chose In a Wash pump + line
1806	100			5	Release Plug a St Disp w/ H2O
1821	350		75	5	Lifting Cmt 75 Bbl. Disp Out
1825	1250		94.6	5	Plug Down + per Test Csg
1830	0				Release ps. Chart Check not wound Good Circ Thru Job Plug R.H. + M.H. w/ 25 gal 60-40 per
					Job Complete Thank you Scotty

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

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

Taylor Printing, Inc.

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WICHITA, KS



INVOICE NO.		Subject to Correction		FIELD ORDER 7735	
Date 2-11-04	Lessee McMillan	Well # 1-A	Legal 34-24-12w		
Customer ID	County Stafford	State KS	Station Pratt KS		
CHARGE Key Gas Comp	Depth	Formation HP=4000' 15.5ppg	Shoe Joint 22.0		
	Casing 5 1/2	Casing Depth 3999	4000	Job Type Long string New well	
	Customer Representative Roger Kilgeniff	Tractor D. Scott			
AFE Number	PO Number	Materials Received by <i>X Roger Kilgeniff</i>			

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	125 sk.	50-50 par Common				
D203	25 sk.	60-40 par Common				
C195	84 lb.	FLA-322				
C221	567 lb.	Salt Fine				
C194	27 lb.	Cell Flake				
F143	1 cg	Top Swiper Plug				
C221	400 lb.	Salt Fine for flush				
C302	500 gals	mud Flush				
E107	150 SKS	CEMENT SERVICE CHARGE				
E101	1 cg	Pickup mi 1 way 30 mi				
E100	1 cg	UNITS 1 way MILES 30				
E104	191 TM	TONS 1 way MILES 30				
R208	1 cg	EA. 3501-4000' PUMP CHARGE				
R701	1 cg	Cnt Head Rental				
					TOTAL	3,736.43
					TAX	114.42
10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383					TOTAL	3,850.85

Key Gas  
McMillan #1  
Stafford County, KS.

5 1/2" Longstring cement Procedure

CODE

PRICE ESTIMATE

	<b><u>Cement</u></b>			
D204	125 sk.	50/50 POZ (Common)		\$855.00
D203	25 sk.	60/40 POZ (Common)		\$196.00

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WICHITA, KS

	<b><u>Chemicals</u></b>			
C195	84 lb	FLA-322		\$630.00
C221	567 lb	Salt (fine)		\$141.75
C194	27 lb	Cellflake		\$54.00

**Float Equipment & Misc. Chemicals**

C221	400 lb	Salt (fine)		\$100.00
F143	1 ea	Top Rubber Cement Plug, 5 1/2"		\$70.00
C302	500 gal.	Mud Flush		\$375.00

**Equipment**

E100	30 mi	Heavy Vehicle Mileage 1-way	30 miles	1 units	\$97.50
E107	150 sk	Cement Service Charge			\$225.00
E104	191 tm	Proppant and Bulk Delivery per ton Mile, \$200 min.	30 miles	6.4 tons	\$247.65
R208	1 ea	Casing Cement Pumper, 3501-4000'	First 4 hrs on location		\$1,680.00
R701	1 ea	Cement Head Rental			\$250.00
E101	30 mi	Car, Pickup or Van Mileage 1-way			\$60.00

**Book Price Subtotal:** \$4,981.90

Cash Subtotal \$3,736.43  
Sales Tax \$114.43  
Cash Price **\$3,850.85**

614 STAFFORD BLTP - N to C.L. - 5N-2W-14N-E into



INVOICE NO.	Subject to Correction			<b>FIELD ORDER</b> 7714	
Date 7-17-04	Lease McMILLAN	Well # 1	Legal 34-24-12	Customer ID	Station Pratt, KS
County STAFFORD	State KS.	Depth	Formation	Shoe Joint	
Customer Representative	Treasor K. GORDNEY	Casing 8 5/8	Casing Depth 264'	TD	Job Type SURFACE-NEW

CHARGE

WES GATS CORP.

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

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	200 SK	60/40 102-CEMENT				
C310	580 LB	CALCIUM CHLORIDE				
C194	56 LB	CEMENT PLUG				
RECEIVED KANSAS CORPORATION COMMISSION JUL 21 2004 CONSERVATION DIVISION WICHITA, KS						
E107	200 SK	PLASTER SAND				
E108	3000	UNITS	MILES			
E104	5.32	TONS	MILES			
R200	1 EA	EA	PUMP CHARGE			
R402	4 HRS	ADDITIONAL HOURS				
				SUB TOTAL		3,764.88
				SALES TAX		106.60
10241 NE Hwy 61 P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383					TOTAL	3,871.48

Taylor Arming, Inc



**TREATMENT REPORT**

Customer ID	Date
Customer <i>HEWLETT PACKARD CORP.</i>	<i>1-17-04</i>
Lease <i>McMILLAN</i>	Lease No.
	Well # <i>1</i>

Field Office <i>2114</i>	Station <i>Pratt, KS</i>	Casing <i>8 5/8</i>	Depth <i>264'</i>	County <i>STAFFORD</i>	State <i>KS</i>
Type Job <i>SURFACE - NW</i>	Formation	Legal Description <i>34-24-12</i>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shot/FI		Acid		RATE	PRESS	ISIP
Depth <i>264'</i>	Depth	From	To	Pre Pad	Max			8 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HRP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager <i>ACID</i>	Treater <i>COOPER</i>
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Service Units	<i>107</i>	<i>46</i>	<i>57</i>	<i>47</i>	<i>72</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1730</i>					<i>ON LOCATION 1/17/04</i>
					<b>RECEIVED</b>
					<b>KANSAS CORPORATION COMMISSION</b>
<i>0100</i>					<i>RAN 264' 8 5/8 CASING</i>
					<b>JUL 21 2004</b>
					<b>CONSERVATION DIVISION</b>
					<b>WICHITA, KS</b>
					<i>BRUSH CIRC.</i>
<i>0130</i>	<i>200</i>		<i>44</i>	<i>6</i>	<i>WATER CEMENT</i>
					<i>200 SK. 60/40 P02</i>
					<i>3% CC, 1/4" #1/2 CELLFIBRE</i>
	<i>100</i>		<i>0</i>	<i>6</i>	<i>START DISP.</i>
<i>0200</i>	<i>200</i>		<i>15</i>	<i>6</i>	<i>FINISH DISP.</i>
					<i>START IN WAVE</i>
					<i>BRUSH CIRC. 5 SK. CEMENT TO PEST</i>
<i>0230</i>					<i>JOB COMPLETE</i>
					<i>THANKS - VISION</i>

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Key Gas Corp  
McMillan #1  
Stafford County, KS.  
SW Qtr. Sec.34-24S-12W  
Surface Pipe Cement Proposal

CODE

PRICE ESTIMATE

Cement

D203 200 sk. 60/40 POZ (Common) \$1,568.00

Chemicals

C310 580 lb Calcium Chloride \$435.00  
C194 56 lb Cellflake \$112.00

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WICHITA, KS

Float Equipment & Misc. Chemicals

Equipment

E100 30 mi Heavy Vehicle Mileage 1-way 30 miles 1 units \$97.50  
E107 200 sk Cement Service Charge \$300.00  
E104 532 tm Proppant and Bulk Delivery per ton Mile, \$200 min. 30 miles 8.5 tons \$691.60  
R200 1 ea Casing Cement Pumper, 0-300' First 4 hrs on location \$662.00  
R402 4 hr Cement Pumper, Additional hrs. on Location \$840.00

Cash Subtotal \$3,764.88  
Sales Tax \$106.60  
Cash Total \$3,871.48