

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32302  
 Name: Key Gas Corp.  
 Address: 155 N. Market Suite 900  
 City/State/Zip: Wichita, Kansas 67203  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Rod Andersen  
 Phone: (316) 265-2270  
 Contractor: Name: Forrest Energy  
 License: 33436  
 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. \_\_\_\_\_  
DAW KCC  
7/18/05 04 8/4/04 8/5/04  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No. 15 - 095--21889-00-00  
 County: Kingman  
SE NE NW Sec. 36 Twp. 29 S. R. 8  East  West  
990 feet from S / N (circle one) Line of Section  
2310 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Schwartz Well #: 1  
 Field Name: Spivey  
 Producing Formation: \_\_\_\_\_  
 Elevation: Ground: 1545 Kelly Bushing: 1555  
 Total Depth: 4176 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 300 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.  
ALT I WHM 10-14-06  
 Drilling Fluid Management Plan  
 (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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SEP 15 2005  
WICHITA

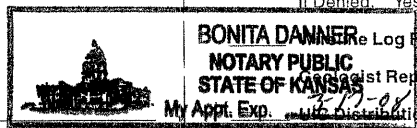
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: 8/15/05  
 Subscribed and sworn to before me this 15 day of SEPT.  
20 05  
 Notary Public: Bonita Danner  
 Date Commission Expires: 3-12-08

**KCC Office Use ONLY**

Letter of Confidentiality Received \_\_\_\_\_  
 If Denied, Yes  Date: \_\_\_\_\_  
 \_\_\_\_\_ Log Received \_\_\_\_\_  
 \_\_\_\_\_ Report Received \_\_\_\_\_  
 My Appt. Exp. 8-15-08



Operator Name: Key Gas Corp. Lease Name: Schwartz Well #: 1  
 Sec. 36 Twp. 29 S. R. 8  East  West County: Kingman

**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

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Topeka	2766	-1211
Heebner	3158	-1603
Lansing	3400	-1845
Mississippian	4148	-2593

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	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24	300	common	275	Common

*DPW  
KCC*

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		Acid, Fracture, Shot, Cement Squeeze Record		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

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, Submit ACO-18.)

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

Production Interval \_\_\_\_\_



15095218890000

FIELD ORDER N<sup>o</sup> 24744

BOX 438 • HAYSVILLE, KANSAS 67060  
316-524-1225

DATE 7-19 2004

IS AUTHORIZED BY: Key GAS CORP  
(NAME OF CUSTOMER)

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

To Treat Well As Follows: Lease Schwartz Well No. 2 Customer Order No. \_\_\_\_\_

Sec. Twp. Range \_\_\_\_\_ County KINGMAN State KS

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.  
The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED \_\_\_\_\_  
Well Owner or Operator By \_\_\_\_\_ Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
	50	MILEAGE PUMP TRUCK	2.50	125.00
	1	PUMP CHARGE		500.00
	1	WOODEN PLUG		75.00
	275	COMMON	725	1993.75
	9	CALCIUM CHLORIDE 3% CC	25.00	225.00
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SEP 15 2005				
CONSERVATION DIVISION WICHITA, KS				
	275	Bulk Charge	1.00	275.00
		Bulk Truck Miles 12.9T x 50m = 645 TM	.95	274.12
		Process License Fee on _____ Gallons		
TOTAL BILLING				3467.93

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative A.G. CURTIS

Station GB Well Owner, Operator or Agent \_\_\_\_\_

Remarks \_\_\_\_\_

NET 30 DAYS



TREATMENT REPORT

15095218890003

Acid Stage No. ....

Date 8/5/04 District BURTON F. O. No. ....  
 Company Key Gas  
 Well Name & No. Schwartz  
 Location Spivey Field Spivey  
 County Kingman State KS

Casing: Size..... Type & Wt..... Set at..... ft.  
 Formation..... Perf..... to.....  
 Formation..... Perf..... to.....  
 Formation..... Perf..... to.....  
 Liner: Size..... Type & Wt..... Top at..... ft. Bottom at..... ft.  
 Cemented: Yes/No. Perforated from..... ft. to..... ft.  
 Tubing: Size & Wt. 4 1/2 DP 16.62 hung at 1150 ft.  
 Perforated from..... ft. to..... ft.  
 Open Hole Size..... T.D. .... ft. P.B. to..... ft.

Type Treatment: Amt. Type Fluid Sand Size Pounds of Sand  
 Bkdown..... Bbl. /Gal. ....  
 ..... Bbl. /Gal. ....  
 ..... Bbl. /Gal. ....  
 ..... Bbl. /Gal. ....  
 Flush..... Bbl. /Gal. ....  
 Treated from..... ft. to..... ft. No. ft. ....  
 from..... ft. to..... ft. No. ft. ....  
 from..... ft. to..... ft. No. ft. ....  
 Actual Volume of Oil /Water to Load Hole: ..... Bbl. /Gal.  
 Pump Trucks. No. Used: Std. 305 Sp. .... Twin ....  
 Auxiliary Equipment 303  
 Packer:..... Set at ..... ft.  
 Auxiliary Tools.....  
 Plugging or Sealing Materials: Type 160 sacks 60-40 292 Gals. .... lb.

Company Representative ..... Treater Mark Rayl

TIME a.m. (p.m.)	PRESSURES		Total Fluid Pumped	REMARKS
	Tubing	Casing		
4:30				Rig up
5:30			10 Bbls	Drill pipe 1150' mix 35 sacks 10 Bbls slurry go down hole
:			20 Bbls	Displace cement with 10 Bbls water. Knock off
:			10 Bbls	Drill pipe @ 700' mix & go down hole 35 sacks
:			15 1/2 Bbls	Flush with 5 1/2 Bbls water. Knock off
:			10 Bbls	Drill pipe @ 350' mix & go down hole 35 sacks
:			12 1/2 Bbls	Flush with 2 1/2 Bbls water. Knock off
7:00			8 1/2 Bbls	Run slurry back in Drill pipe @ 60' Mix 25 sacks
:			8 1/2 Bbls	Slurry circulate cement to surface
:			4 1/2 Bbls	Run slurry in wash hole mix up 15 sacks circ to surface
:			3 1/2 Bbls	Run slurry in wash hole mix up 10 sacks circ to surface
8:15			2 Bbls	Mix up 5 sacks top off holes clean up truck left location

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