

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, Kansas 67202  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Rod Andersen  
Phone: (316) 265-2270  
Contractor: Name: Cheyenne Drilling  
License: \_\_\_\_\_  
Wellsite Geologist: none

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. \_\_\_\_\_

12/05/01    12/08/01    2/02/02  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 145-21,474-0000  
County: Pawnee  
SW SW Sec. 2 Twp. 20 S. R. 19  East  West  
660 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: Bradford Well #: 1-2

Field Name: \_\_\_\_\_  
Producing Formation: Winfield

Elevation: Ground: 2212 Kelly Bushing: 2220  
Total Depth: 2425 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 547 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.

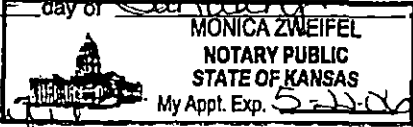
Drilling Fluid Management Plan NO-1 1-30-03  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: \_\_\_\_\_  
Title: Geologist Date: 1/5/03

Subscribed and sworn to before me this 6th day of January, 2003  
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: Bradford Well #: 1-2

Sec. 2 Twp. A 20 S. R. 1-9  East  West County: Pawnee

**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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p style="margin-left: 20px;">Dual Induction Log Dual Compensated Porosity Log</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1356</td> <td>+864</td> </tr> <tr> <td>Herington</td> <td>2260</td> <td>-40</td> </tr> <tr> <td>Winfield</td> <td>2312</td> <td>-92</td> </tr> <tr> <td>Towanda</td> <td>2380</td> <td>-160</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1356	+864	Herington	2260	-40	Winfield	2312	-92	Towanda	2380	-160
Name	Top	Datum														
Anhydrite	1356	+864														
Herington	2260	-40														
Winfield	2312	-92														
Towanda	2380	-160														

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	10 1/4	8 5/8	24	547			
Production	7 7/8	4 1/2		2405			

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	2260-79	2282-92	1,000 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 checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 \_\_\_\_\_

JAN. 07 2003 11:32AM P7



CHARGE TO  
**KEY GAS**  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET  
 No 4036

PAGE 1 OF 1

SERVICE LOCATIONS: **WESS, CST, W.**  
 WELL/PROJECT NO.: **1**  
 LEASE: **BROADFORD**  
 COUNTY/PARISH: **PAWNEE**  
 STATE: **K** CITY: **WESS**  
 DATE: **12-5-01** GATHER: **SAME**  
 TICKET TYPE:  SERVICE  SALES  
 CONTRACTOR: **CHEYKAW DRILLING # 11**  
 RIG NAME/NO.: **LOARAW**  
 SHIPPED VIA: **CT** DELIVERED TO: **LOARAW**  
 ORDER NO.:  
 WELL TYPE: **GAS** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **BSB SURFACE**  
 WELL PERMIT NO.:  
 WELL LOCATION: **WYOMA - 9 1/2 S 2E W1E**  
 REFERRAL LOCATION:  
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
		1			MILEAGE " 103	30	mi	2.50		75.00
		1			PUMP SERVICE	1	hr	500.00		500.00
		1			STANDARD CEMENT	300	sq ft	6.75		2025.00
		1			CALCIUM CHLORIDE	8	bu	25.00		200.00
		1			RESTORATE GEL	6	sq ft	11.00		66.00
		1			SERVICE CEMENT CEMENT	300	sq ft	1.00		300.00
		1			ADVISAGE	29440	lbs	41.6	75	331.20

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 CONSERVATION DIVISION  
 WIRSHITA, KS  
 JAN 24 2003

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

JUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO PART OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **12-5-01** TIME SIGNED: **1:00** SIGNATURE: *[Signature]*

REMIT PAYMENT TO:  
**SWIFT SERVICES, INC.**  
**P.O. BOX 466**  
**NESS CITY, KS 67560**  
**785-798-2300**

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				3497.20
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX 112.26
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL 3609.46
<input type="checkbox"/> CUSTOMER DID NOT WASH TO RESPOND				

FROM: **SWIFT OPERATOR** *Wesley Johnson* APPROVAL: \_\_\_\_\_

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

1206.20 Thank You!

ORIGINAL

JOB LOG

SWIFT Services, Inc. ORIGINAL

DATE 12-5-02  
TICKET NO. 402

CUSTOMER		WELL NO.		LEASE		JOB TYPE		DESCRIPTION OF OPERATION AND MATERIALS
KEY GAS				BOWFORD		8 1/2 SURFACE		
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		
				F	C	TUBING	CASING	
	1500							0.3 INJECTION
								TD - 547 24" FT
								TD - 547
								20' CMT
	1615							BRICK CEMENT
	1620	6 1/2	72.7		✓			MAX CEMENT (300 IN STD - 2% CEMENT 3% CEMENT)
	1640	7	0		✓			AIRSPACE CEMENT
	1645		23.5					CEMENT DISPLACED - SHUT LN
								CONCRETE TO 20' SUR CEMENT TO 20'
								BACK-UP
	1700							JOB COMPLETE

RECEIVED  
 KANSAS CONSERVATION COMMISSION  
 JAN 24 2003  
 CONSERVATION DIVISION  
 WICHITA, KS

THANK YOU  
 WALK TOE ROGIE

1/20/03

JAN. 07 2003 11:33AM P9

PHONE NO. :

FROM :



CHARGE TO: <b>KEY GAS</b>
ADDRESS
CITY, STATE, ZIP CODE

TICKET No 4038

PAGE 1	OF 2
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SERVICE LOCATIONS 1. <b>NESS CITY, KS</b>	WELL/PROJECT NO. 1	LEASE <b>BRADFORD</b>	COUNTY/PARISH <b>DALWEE</b>	STATE <b>KS</b>	CITY	DATE <b>11-8-01</b>	OWNER <b>SAME</b>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <b>CHRYSLER SERVICE "11"</b>	RIG NAME/NO.	SHIPPED VIA <b>CT</b>	DELIVERED TO <b>LOCATED</b>	ORDER NO.	
3.	WELL TYPE <b>GAS</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>1 1/2" LONGSTRONG</b>	WELL PERMIT NO.	WELL LOCATION <b>NEEDHAM - 9 1/2 S, 2 E NE</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	CF		QTY.	UM	QTY.	UM	
405		1			MILEAGE "104"	30	MS	1	SD	75.00
406		1			DUMP SERVICE	1	YRS	2409	FC	1200.00
407		1			MUD/FUEL	500	Gal		50	250.00
408		1			INSERT FLOOR SHOUL W/FRWD	1	SA	1 1/2"		180.00
409		1			CATCH DOWN PLUG - RANFLX	1	SA			190.00
410		1			GENERALIZER RECEIVED	5	GA			30.00
KANSAS CORPORATION COMMISSION										
JAN 24 2003										
CONSERVATION DIVISION WICHITA, KS										

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X

DATE SIGNED <b>11-8-01</b>	SIGNATURE <i>[Signature]</i>	TIME SIGNED <b>11:50</b>	<input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.
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REMIT PAYMENT TO:

SWIFT SERVICES, INC.  
P.O. BOX 466  
NESS CITY, KS 67560  
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				*1	2045.00
WE UNDERSTOOD AND MET YOUR NEEDS?				*2	2755.69
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					4800.69
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					151.41
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	4952.10
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR <b>WAYNE WASON</b>	APPROVAL
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171069 Thank You

ORIGINAL

JAN. 07 2003 11:34AM P10

PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 41038

CUSTOMER KEY GAS WELLS \*1 BRASSFORD DATE 12-8-01 PAGE 2 OF 2

SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
	LOC	ACCT	BY			UM	UM	PRICE	PRICE	
285	1				STANDARD CEMENT	200	SBS	6.75		1350.00
284	1				CAUSEAL	9	SBS	25.00		225.00
283	1				SALT	1000	UBS	.15		150.00
285	1				CFR-1	100	UBS	2.15		215.00
285	1				D-AB1	100	UBS	2.15		215.00
286	1				FLOCHIE	50	UBS	4.0		200.00
SERVICE CHARGE										
MILEAGE CHARGE						200		1.00		200.00
TOTAL WEIGHT						30		7.5		225.00
LOADED MILES						30				
TON MILES						314.25				

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 24 2003  
CONSERVATION DIVISION  
WICHITA, KS

PHONE NO. :

FROM :

ORIGINAL

FROM :

PHONE NO. :

JAN. 07 2003 11:34AM P11

JOB LOG

SWIFT Services, Inc.

ORIGINAL

CUSTOMER		WELL NO		LEASE		JOB TYPE		DATE	TICKET NO
KEY GAS				BOND FORD		1 1/2" LONG STROKE		12-8	4033
CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				A	C	TUBING	CASING		
	1445								ON LOCATED
	1500								START 4 1/2" GASEX.
RECEIVED									
KANSAS CORPORATION DOM MISSION									
JAN 24 2003									
CONSERVATION DIVISION WICHITA, KS									
	1700								DRIP BALL - RETRY CORRELATION
	1715	5 1/2	12		✓	350			PUMP MUDFLUSH
	1720	5 1/2	48.1		✓	250			MIX CEMENT (200 SLS SPS W/ ADMIXT)
									WASH OUT PUMP LINES
									DRIP LATCH BLOW PUNG
	1739	6 1/2	0		✓	700			DISPLACE PUNG
	1745		37.8			1500			PUNG DOWN - PSE UP
	1750					OK			RELEASE PSE - HELD
									PACK UP
	1830								JOB COMPLETE
THANK YOU									
WASE, BUSH ROBERT									