

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: Duke Drilling
License: _____
Wellsite Geologist: None

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Corp.
 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. _____
12/01/01 12/04/01 1/15/02
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 145-21475
County: Pawnee
NE-SW Sec. 3 Twp. 20 S. R. 19 East West
1980 feet from (S) N (circle one) Line of Section
1980 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Snodgrass Well #: 1-3
Field Name: _____
Producing Formation: Chase
Elevation: Ground: 2222 Kelly Bushing: 2230
Total Depth: 2600 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 549 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 Acc 1 Ev 1-7-03
(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.: _____

RECEIVED

JAN 06 2003

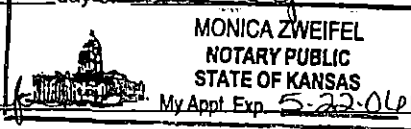
CONSERVATION DIVISION
WICHITA, KS

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: [Signature]
Title: Geologist Date: 1/3/03

Subscribed and sworn to before me this 3rd 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: Snodgrass Well #: 1-3

Sec. 3 Twp. 20 S. R. 19 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.

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 Log
Dual Compensated Porosity Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1371	+859
Herrington	2260	-30
Winfield	2312	-82
Towanda	2376	-146
Ft. Riley	2418	-188

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	# Sac's Used	Type and Percent Additives
Surface	10 1/4	8 5/8		549	common	300	2% gel
production	7 7/8	4 1/2	10.5	2582	common	200	

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	2376-86	500 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)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		400			

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

METHOD OF COMPLETION Open Hole Perf. Other (Specify)

Production Interval Dually Comp. Commingled

SWIFT Services, Inc. ORIGINAL

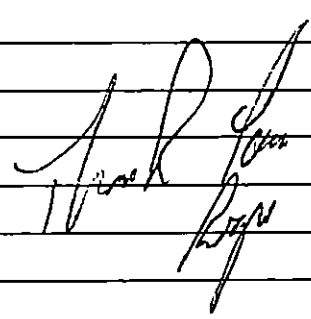
JOB LOG

DATE 12-1-01 PAGE NO. 1

CUSTOMER Key Cons WELL NO. 1-3 LEASE Snodgrass JOB TYPE Surface TICKET NO. 41517

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	16:30							on loc. Rig pulling Bit Run in 8 5/8" surface casg.
	18:10							casg. on Bottom Circulate with Rig pump
	18:15							Start Mixing Card. 300 lbs Standard 2% Gel 3% CC
			72					Finished mixing Displ. 33 ^{sl} card
	18:45		33					Finish Disp. Circulated out. to pit V Break up truck JDS complete

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 06 2003
 CONSERVATION DIVISION
 WICHITA, KS



JOB LOG

SWIFT Services, Inc.

ORIGINAL

15.145.21475.0000

DATE 12-4-01 PAGE NO. 1

CUSTOMER KEY GAS WELL NO. 1-3 LEASE SWOBGRASS JOB TYPE 4 1/2" LONGSTRENG TICKET NO. 4034

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) GAL	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0230							ON LOCATION
	0330							START 4 1/2" CASING IN WELL
								TD - 2600 SET 2582
								TD - 2594 4 1/2" / FT 10.5
								ST - 33.58
								CALIBRATED - 1, 3, 5, 7, 10
								DROP BALL
	0530							BREAK CIRCULATION - mud pump
	0545	6	48.7		✓		400	PUMP MUD FLUSH (500 GAL)
	0550	6	48.1		✓		300	MAX CEMENT (200 SKS EA-2 W/ ADDITIVES)
								WASH OUT PUMP LINES
								RELEASE LATCH DOWN PLUG
	0610	7	0		✓		0	DISPARE PLUG
	0616	6 1/2	40.7				850	PLUG DOWN
								RECEIVED KANSAS CORPORATION COMMISSION
							1250	PSE-UP LATCH IN PLUG
								JAN 06 2003
							1250	RELEASE PSE - HELD
								CONSERVATION DIVISION WICHITA, KS
								RACK UP
	0700							JOB COMPLETE
								THANK YOU
								WAYNE DUSTY ROBERT