

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

*gms*

Operator: License # 32302  
Name: Key Gas Corp.  
Address: 410 Urban Drive  
City/State/Zip: Hutchinson, Kansas 67501  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Rod Anderson  
Phone: (316) 993-2740  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Vellsite Geologist: Rod Anderson  
Design: \_\_\_\_\_ Type of Completion: \_\_\_\_\_  
☒ New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_  
☒ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)  
Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

API No. 15 - 007-22698-0000  
County: Barber County, Kansas  
C-E/2 NE Sec. 36 Twp. 32 S. R. 15 ☐ East ☒ West  
1320 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: Carr Well #: 3A-36  
Field Name: DeGeer NE  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1945' Kelly Bushing: 1953'  
Total Depth: 4980' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 345 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

(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.: \_\_\_\_\_

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. \_\_\_\_\_  
07-05-02 07-17-02 8/30/02  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date

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. Inform \_\_\_\_\_ 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.

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 Anderson  
Date: 13/30/02

Subscribed and sworn to before me this 30 day of December

002  
Notary Public: Monica Zweifel  
My Comm. Expires: 5-22-06

MONICA ZWEIFEL  
NOTARY PUBLIC  
STATE OF KANSAS  
My Comm. Expires 5-22-06

KCC Office Use ONLY

\_\_\_\_\_ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: \_\_\_\_\_

\_\_\_\_\_ Wireline Log Received

\_\_\_\_\_ Geologist Report Received

\_\_\_\_\_ UIC Distribution

Operator Name: **Key Gas Corp.** Lease Name: **Carr** Well #: **3A-36**  
 Sec. **36** Twp. **32** S. R. **15** ☐ East ☒ West County: **Barber County, Kansas**

**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  
 Cement Bond Log  
 Sonic Log

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Chase	2286	-333
Topeka	3604	-1651
Heebner	4062	-2109
Brown Lime	4216	-2263
Lansing	4256	-2303
Base/ Kansas City	4726	-2773
Marmaton	4736	-2783
Mississippian	4840	-2887

### CASING RECORD ☐ New ☐ 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	14-3/4"	10-3/4"	32#	345'	60/40 Poz	320	3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	4978'	A-Con AA2	150 100	2%cc 10%salt

### 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	4840-4844	500 gas HCL	
4	5 1/2" BP @ 4734 4700-4702	500 gal HCL	
4	5 1/2" BP @ 4318 4280-84	500 gal HCL	
4	5 1/2" BP @ 3784 3746-3754	500 gal HCL	

UBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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ate 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
	150 20

osition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Used on Lease (If vented, Sumit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	
	<input type="checkbox"/> Other (Specify)	