

STATE CORPORATION COMMISSION OF KANSAS  
 OIL & GAS CONSERVATION DIVISION  
 WELL COMPLETION FORM  
 ACO-1: WELL HISTORY  
 DESCRIPTION OF WELL AND LEASE

API NO. 15- N/A 15-055-00845-0001

County Finney  
 - - - C - NW Sec. 13 Twp. 24S Rge. 32 X W

Operator: License # 5952

1320 Feet from S (circle one) Line of Section

Name: Amoco Production Company

1320 Feet from E (circle one) Line of Section

Address PO Box 800 Room 961

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

City/State/Zip Denver, CO 80201

Lease Name Russell Gas Unit /G/ Well # 1

Purchaser: Williams Natural Gas

Field Name Hugoton

Operator Contact Person: Susan R. Potts

Producing Formation Chase

Phone (303) 830-5323

Elevation: Ground 2902' KB 2907'

Contractor: Name: Barbo Well Servicing

Total Depth 2700' PBDT 2700'

License: 31620

Amount of Surface Pipe Set and Cemented at 1085 Feet

Wellsite Geologist: N/A

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion  
 New Well  Re-Entry  Workover

If yes, show depth set \_\_\_\_\_ Feet

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

If Workover:

Drilling Fluid Management Plan Pit Not Needed. REENTRY 9X  
 (Data must be collected from the Reserve Pit) 2-3-98

Operator: Amoco Production Company

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Well Name: Russell Gas Unit /G/ #1

Dewatering method used \_\_\_\_\_

Comp. Date 2/20/57 Old Total Depth 2655'  
 **ADDED OPEN HOLE SECTION OF PAY**  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. S Rng. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

10/13/97 10/21/97  
 Start Date of Re-Entry Date Reached TD Completion Date of Re-Entry

**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 on 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 Susan R. Potts  
 Title Senior Staff Assistant Date 1/20/98  
 Subscribed and sworn to before me this 20<sup>th</sup> day of JANUARY, 1998.  
 Notary Public [Signature]  
 Date Commission Expires January 4, 2001

**K.C.C. OFFICE USE ONLY**  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
 Distribution  
 KCC 1998  SWD/Rep  NGPA  
 KGS  Plug  Other  
 (Specify)  
 CONSERVATION DIVISION  
 WICHITA, KS  
 Form ACO-1 (7-91)

1570 BROADWAY  
DENVER, CO 80201

1-24-98

**SIDE TWO**

Operator Name Amoco Production Company Lease Name Russell Gas Unit /G/ Well # 1

Sec. 13 Twp. 24S Rge. 32  East County Finney  
 West

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)  List All E.Logs Run:	<input checked="" type="checkbox"/> (From Original Completion) <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border: none;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Herington</td> <td>2613'</td> <td></td> </tr> <tr> <td>Krider</td> <td>2644'</td> <td></td> </tr> </table>	Name	Top	Datum	Herington	2613'		Krider	2644'	
Name	Top	Datum								
Herington	2613'									
Krider	2644'									

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> (From original Completion) 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	12.25"	8.625"	29.32	1085'	Bulk-POZMIX	650	2%CC
Production	7.875"	5.5"	14	2649'	Bulk-POZMIX	1000	

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
8	2622-32'	Acidize w/ 108 bbls. 15% FE HCL and flush w/ 12 bbls. 2% Potassium Chloride

<b>TUBING RECORD</b> Size <u>2.375" 4.7# J-55 EUE T&amp;C</u> Set At <u>2677'</u> Packer At _____ Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Date of First, Resumed Production, SWD or Inj. <u>Resumed Production-10/22/97</u> 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 110 MCFD Mcf Water 3 BWPD Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: Perfs 2522-32'  
OH 2649-2700'