

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

S

API NO. 15-...055-20.728-0000.....

County.....Finney.....

C N/2 ..... Sec..... 19 Twp..... 24 Rge..... 34 East  
..... X West

.....4030..... Ft North from Southeast Corner of Section  
.....2650..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name.....Finney.....Well #...2-CG-19

Field Name.....Hugoton Panama.....

Producing Formation.....Council Grove.....

Elevation: Ground.....2926.....KB....2931.....

Operator: License # 5269  
Name Kansas Natural Gas, Inc.  
Address P.O. Box 428  
Eureka, KS 67045  
City/State/Zip

Purchaser.....K.N. ENERGIES.....

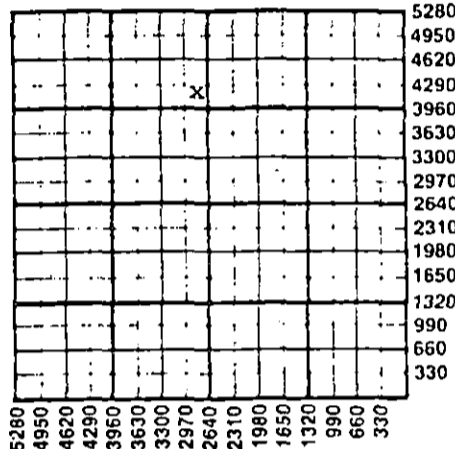
Operator Contact Person Kevin Hough  
Phone 316-583-5202

Contractor: License # 5422  
Name Abercrombie Drilling, Inc.

Wellsite Geologist Jack Berentz  
Phone (316) 583-5202

Designate Type of Completion  
 New Well  Re-Entry  Workover  
  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)  
If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # .....  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water.....3432 Ft North from Southeast Corner  
(Stream, pond etc).....792 Ft West from Southeast Corner  
Sec 14 Twp 24 Rge 35 East X West

Other (explain).....  
(purchased from city, R.W.D. #)

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
8-24-87 8-28-87 10-22-87  
Spud Date Date Reached TD Completion Date  
2960 2940  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 659 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name  
Invoice #

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 Drilling Superintendent Date 11-10-87

Subscribed and sworn to before me this 10th day of November, 1987  
Notary Public Mary Alice Evenson  
Date Commission Expires 9-1-89

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)



11-6-87

CONSERVATION DIVISION  
Wichita, Kansas

Sec 17 Twp 24 Rge 34

SIDE TWO

Operator Name ..... Kansas Natural Gas, Inc. ..... Lease Name ..... Finnap ..... Well # ..... 2-CG-19

Sec..... 19 ..... Twp..... 24 ..... Rge..... 34 .....  East  West ..... County..... Finney .....

WELL LOG

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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Harrington	2420'	
Krieder	2451'	
Winfield	2489'	
Fort Riley	2547'	
Florence	2609'	
Woreford	2682'	
Council Grove	2710'	

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	#Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24	659	Hal Lite	170	1/2#flocel 2% c.c.
Production		8-1/2	15-1/2	2959	Class A C Lite 50/50 pop	150 300 200	1/2#flocel 2% c.c. 1/2#flocel 2% gel 10% salt

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2768 - 2766 = 5 holes		
2	2758 - 2754 = 4 holes	175,000# sand and	2768
2	2750 - 2758 = 5 holes	107,000 gallon of water	to
2	2748 - 2728 = 45 holes		2712
2	2723 - 2712 = 23 holes		

TUBING RECORD	Size 2 3/8"	Set At 2779'	Packer at N/A	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production ..... Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	500,000 MCF	5 Bbls	CFPB	

METHOD OF COMPLETION ..... Production Interval

Disposition of gas:  Vented  Open Hole  Perforation ..... 2712'  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed ..... 2768'  
 Commingled .....