

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5269  
Name Kansas Natural Gas, Inc.  
Address Box 818  
Hays, Kansas  
City/State/Zip 67601

Purchaser KN Energy

Operator Contact Person Joe Ward  
Phone 316-275-7279

Contractor: License # 5382  
Name Cheyenne Drlg.

Wellsite Geologist Ron C. Osterburh  
Phone 316-276-8145

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

7-5-87 Spud Date / 7-7-87 Date Reached TD / 7-22-87 Completion Date  
2650' Total Depth / 2647' PBDT

Amount of Surface Pipe Set and Cemented at 55.1 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set...feet  
If alternate 2 completion, cement circulated from 55.1 feet depth to surface / 285 SX cat

API NO. 15-055-20-715-0000

County Finney

C.N./2 Sec 20 Twp 24 Rge 34  East  West

4030 Ft North from Southeast Corner of Section  
2640 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

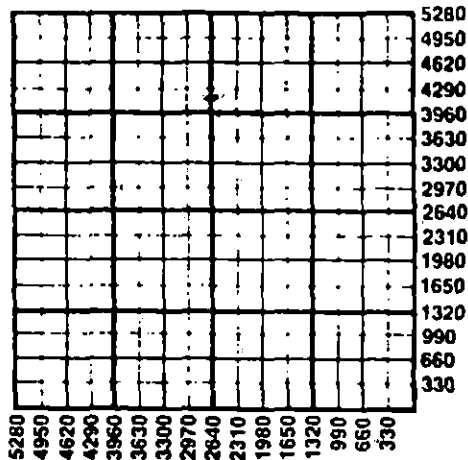
Lease Name Finnup Well # 1-2

Field Name Hugoton - Infill

Producing Formation Chase series

Elevation: Ground 2942' KB 2951'

Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket # C-16812 (96 930-C)

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...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge  East  West  
 Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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.

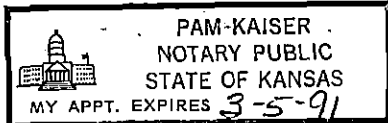
Signature Joe R. Ward

Title Field Supt Date 8-24-87

Subscribed and sworn to before me this 24th day of August 1987

Notary Public Pam Kaiser

Date Commission Expires 3-5-91



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KDC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)  
RECEIVED  
STATE CORPORATION COMMISSION  
AUG 25 1987

CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (7-84)

Sec 20 Twp 24 Rge 34

**SIDE TWO**

Operator Name ..... Kansas Natural Gas, Inc. .... Lease Name ..... Finney ..... Well #. 1-2...

Sec. 20 ..... 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
T/Perm	830	
T/Glor.	1426	
T/Anhy	1840	
B/S.C.		1910
T/Chase	2444	
T/Kri	2478	
T/Win	2537	
T/Tow	2594	

**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#	551	W/185 sks DSLW	3 C & 2%	
Production	7 7/8	5 1/2	14#	2478 to 2594	S1 + 1/4# D29 Tail W/100 Sks Class C + 2% S1 + 1/4# D29 W/330 sks DSLW 3C 1/4# D29 Tail W/200 sks DSLW Premium + 10% D44 Salt		

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2478 to 2488	W/5000 gals. 15% MSR 5 gals / A200 3 gal	
2	2500 to 2510	F75N 2% KCL 3 gal F78 Frac W/2.566 bbls	
2	2538 to 2548	F-140W and 190,000 # 12-20 sand	
2	2604 to 2614		

**TUBING RECORD** Size 2 3/8 Set At 2620 G. L. Packer at Liner Run  Yes  No

Date of First Production Pending on pipeline connection Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas Rate of Flow 540.4 MCF Open flow 1672.7 MCF	Water 0 Bbls	Gas-Oil Ratio CFPB	Gravity 0.730

**METHOD OF COMPLETION**

Disposition of gas:  Vented  Sold  Used on Lease

Open Hole  Perforation  Other (Specify) .....

**Production Interval**  
 2478 to 2488  
 2500 to 2510  
 2538 to 2548  
 2604 to 2614

Dually Completed  Comingled