

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 Drig.

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

..11-28-86... ..12-2-86.... ..12-17-86....  
Spud Date Date Reached TD Completion Date

...2955!.... ..2939!.....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 624 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from 624! feet depth to Surface/335 SX cmt  
Cement Company Name DSI  
Invoice # 03-12-9190

API NO. 15-.....055-20,685-0000.....  
County.....Finney.....  
NW NE SW Sec. 31 Twp. 24 Rge. 33  East  West

...2048... Ft North from Southeast Corner of Section  
...3689... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

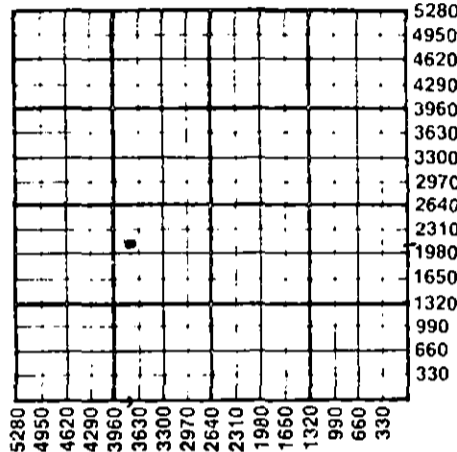
Lease Name Spratt B1 Well # CG-B1

Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 2920 KB 2929

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # C-16812 (96,930-C)  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.....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 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.

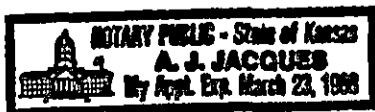
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Joe R. Ward  
Title Field Supt. Date 1-31-87

Subscribed and sworn to before me this 7th day of February 1987  
Notary Public A.J. Jacques

Date Commission Expires March 23, 1988

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)



2-10-87

FEB 10 1987

CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (5-86)

Sec. 24 Twp. 24 Rge. 33 W

SIDE TWO

Operator Name ..... Kansas Natural Gas, Inc. .... Lease Name..... Snratt. B1..... Well #. CG-B1.

Sec...31.... Twp...24..... Rge...33.....  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
B/Stone Corral	1970'	
T/Chase	2530'	
T/Council Grove	2840'	

CASING RECORD <input checked="" 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	#Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24#	624	W/185 sck.	DSLW 3-S	2% Ceol.
Production	7 7/8	5 1/2	15.5#	2955	W/460 sck.	DSLW 3-S	3% Ceol. 200 sck.
						250 gals.	10% Aceti
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	2852' to 2862'			3000 gal. 15% MSP. Frac. with.		117,200	
2	2866' to 2876'			gal. WF. 115		180,000. 12/20 sand	
2	2881' to 2891'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2 3/8"		Set At 2900 KB		Packer at			
Date of First Production		Producing Method					
Pending on pipeline connection		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
595			Open Flow			.730	
		Bbls	MCF	55 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Sold  Other (Specify) ..... 2852' - 2862'  
 Used on Lease  Dually Completed 2866' - 2876'...  
 Corningled 2881' - 2891'

