

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

7-5-88 7-7-88 7-25-88
Spud Date Date Reached TD Completion Date
2665' PBD
Total Depth

Amount of Surface Pipe Set and Cemented at 557 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 557 feet depth to Surface 285 SX cat
OK SAND A/P

API NO. 15-055-20-803-0000

County Finney

E. 1/2 E. 1/2 SW Sec. 31 Twp. 24 Rge. 33 East West

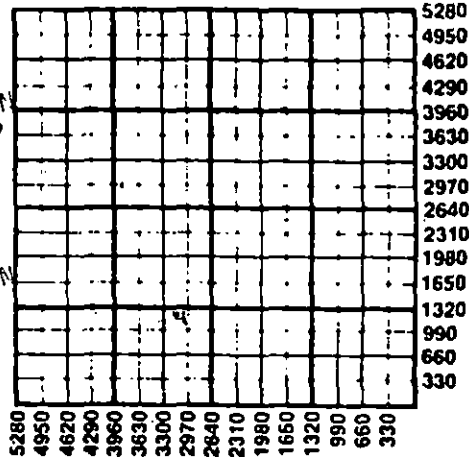
1250 Ft North from Southeast Corner of Section
3047 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Spratt Well # B1-2

Field Name Hugoton Infill

Producing Formation Chase series

Elevation: Ground 2910 2920 KB
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 8-31-88

Subscribed and sworn to before me this 31st day of August 1988

Notary Public Pam Kaiser

Date Commission Expires March 5, 1991

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other (Specify)
9-6-88

PAM KAISER
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 3-5-91

SIDE TWO

Operator Name Kansas Natural Gas, Inc. Lease Name Spratt Well #. B1-2

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
T/Permian	857'	
T/Blaine	1322'	
T/Cedar Hills	1446'	
B/Stone Corral		1960'
T/Chase Group	2522'	
T/Krider	2542'	
T/Winfield	2602	

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#	557' CL	W/185 sks DSLW3C	+1/4# sk D29	
				100 sks	Class C	2% SI	+ 1/4# sk D29
Production	7 7/8"	5 1/2"	14#	2665' KB Tail	W/355 sks DSLW3C	+ 1/4# D29	
					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	2547' to 2557'	5000 gal 15% MSR-100	2640 gal 2% KCl
2	2570' to 2580'	flush. 101,700 gal gelled (40#) slick	
2	2610' to 2620'	wtr. 200,000# 12-20 mesh Brady sand	

TUBING RECORD Size 2 3/8" Set At 2613' GL Packer at Liner Run Yes No

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

Estimated Production Per 24 Hours	Oil Bbls	Gas Rate of Flow Open Flow MCF	Water 0 Bbls	Gas-Oil Ratio CFPB	Gravity
		453.5			0.73
		1803.6			

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

Production Interval
 2547 to 2557
 2570 to 2580
 2610 to 2620.....

Dually Completed
 Coning/led