

2 - 23 - 410

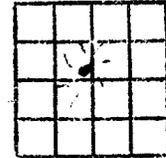
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- KANSAS-NEBRASKA NATURAL GAS CO.
Farm- Gaston No. 1

SEC. 2 T. 23 R. 41W
SE SE NW
150' N & 200' W of Center

Total Depth. 2610'
Comm. 11-20-64 Comp. 11-25-64
Shot or Treated.
Contractor. Chemical & Technical Services
Issued. 2-20-65

County Hamilton
KANSAS



CASING:

Elevation. 3501' DF

8 5/8" 260' cem w/ 200 sx
5 1/2" 2609' cem w/ 200 sx

Production. 3,496,000 CFG

Figures Indicate Bottom of Formations.

clay & sandstone	4	40
clay & shale	42	262
shale		1105
shale & sand		1563
shale & lime		1921
shale, lime & red bed		2160
shale & red bed		2340
shale & lime		2400
lime & shale		2610 RTD
Total Depth		

TOPS: SMP
Winfield 2570

State Geological Survey
WICHITA BRANCH
 JUN 8 0 RECD

KANSAS DRILLERS LOG

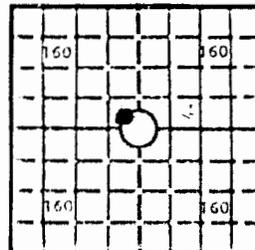
S. 2 T. 23S R. 41 W

API No. 15 _____
 County _____ Number _____

Loc. 150' N & 200' W of Center

County Hamilton

640 Acres
 N



Locate well correctly

Elev.: Gr. 3496

DF 3501 KB 3503

Operator
 Kansas Nebraska Natural Gas Co. Inc.

Address
 P.O. Box 15265 Lakewood, Colo. 80215

Well No. 1 Lease Name Gaston

Footage Location
2490 feet from (N) line 2440 feet from (W) line

Principal Contractor Chemical & Technical Svc. Inc. Geologist None

Spud Date 11-20-64 Total Depth 2610 P.B.T.D. 2595

Date Completed 11-24-64 Oil Purchaser N/A

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4	8 5/8"	24#	259	Pozmix	200	3% HA-5
Production	7 7/8"	5 1/2	14#	2609	Pozmix	200	SaH Saturated

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4 spf	3 1/8" DML	2584

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	2579	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal 15% HCL acid, 12000 gal w/4000# sand and 200# walnut hulls and 176100 Cu.ft. of CO ₂ .	2584

INITIAL PRODUCTION

Date of first production <u>4-4-66</u>	Producing method (flowing, pumping, gas lift, etc.) <u>flowing</u>				
RATE OF PRODUCTION PER 24 HOURS	Oil <u>0</u> bbls.	Gas <u>543</u> MCFD MCF	Water <u>---</u> bbls.	Gas-oil ratio <u>N/A</u>	CFPB
Disposition of gas (vented, used on lease or sold) <u>vented</u>			Producing interval (s) <u>2584'</u>		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator
 Kansas Nebraska Natural Gas Co. Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS,
 DRY HOLE, SWDW, ETC.:
 Gas

Well No.
 1

Lease Name
 Gaston

S 2 T 23SR 41 ^{EX}_W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
 OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay & Sandstone	0	40	Lateralog	260'-2605 KB
Clay & Shale	40	262	Sonic Log--	260'-1550'
Shale	262	1105	Gamma Ray	2300 to LTD of 2605 KB
Shale & Sand	1105	1563		
Shale & Lime	1563	1921		
Shale, Lime & Red Bed	1921	2160		
Shale & Red Bed	2160	2340		
Shale & Lime	2340	2400		
Lime & Shale	2400	2610		
Total Depth	2610			
			Winfield	2570-2576
			Winfield	2580-2592

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

D Christensen
 Signature
 Drilling Admin
 Title
 6-4-80
 Date

Incl *P*

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 # 4253
Name Plains Petroleum Company
Address P.O. Box 15278
Lakewood, CO 80215

Purchaser K N Energy, Inc.

Operator Contact Person Lee B. Van Ramshorst
Phone (303) 969-9325

Contractor: License #
Name Chemical & Technical Service, Inc.

Wellsite Geologist D.W. Maden
Phone ?

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.....

WELL HISTORY

Drilling Method: Rotary Drilled Type Unknown
 Mud Rotary Air Rotary Cable

11-20-64 11/23/64 12/21/64
Spud Date Date Reached TD Completion Date

.26102595
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 260 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

API NO. 15-.....N/A.....

County.....Hamilton.....

SE SE NW Sec...2 Twp...23 Rge...41 East West

.....2790 Ft North from Southeast Corner of Section
.....2840 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

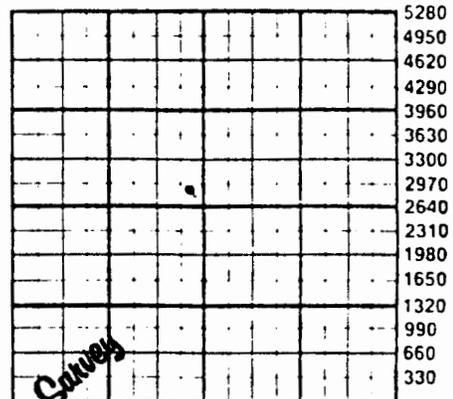
Lease Name 231 Gaston Well # 1

Field Name Bradshaw

Producing Formation Winfield

Elevation: Ground 3496 KB 3503

Section Plat



APR 01 1986
Plains Petroleum Company

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: No Information Available

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

Operator Name Plains Petroleum Company Lease Name 231 Gaston Well # 1

Sec. 2 Twp. 23 Rge. 41 East West County Hamilton

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
Herrington	2494'	(+1009')
Krider	2528'	(+ 975')
Winfield	2579'	(+ 933')

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	0	543	-----	-----	--
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Open Hole Perforation Other (Specify) 2484=2485'

No further information available

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#	259	Pozmix	200	3% HA-5
..production.....	7 7/8	5 1/2	14#	2609	Pozmix	200	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4 spf	2584'	250 gal. 15% HCl. 12.000 gal. w/4000# sd. & 200# walnut hulls. & 176.100 scf. CO ₂	2584

TUBING RECORD Size 2 3/8" Set At 2579 Packer at None Liner Run Yes No Unknown

Date of First Production 4/04/66 Producing Method Flowing Pumping Gas Lift Other (explain).....

APR 10 1966
 State Geologist
 WICHITA BRANCH