

15-071-20127

State Geological Survey

WICHITA BRANCH

IMPORTANT
 Kans. Geo. Survey request
 samples on this well.

KANSAS DRILLERS LOG

S. 34 T. 17 R. 40 ^K/_W
 Loc. 330' FSL & 330' FEL
 County Greeley

API No. 15 — 071 — 20127
County Number

Operator
Argonaut Energy Corp.

Address
P. O. Box 12099 Amarillo, Texas 79101

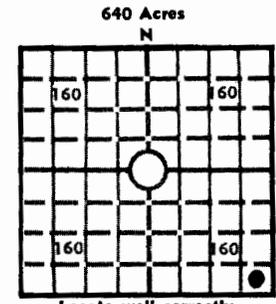
Well No. #1 Lease Name Burgardt

Footage Location
330 feet from (N) (S) line 330 feet from (E) (W) line

Principal Contractor Murfin Drilling Company Geologist

Spud Date 2/7/77 Total Depth 3,020 P.B.T.D. 3616

Date Completed 3/19/77 Oil Purchaser



Locate well correctly
 Elev.: Gr. 3573'
 DF 3,581' KB 3,582'

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 pipe	12 1/4"	8 5/8"	24#	1245'	Halcolite	500	2% CaCl ₂
					& Class H	150	3% CaCl ₂
Production	7 7/8"	4 1/2"	9.5#	3,019	Pozmix	210	2% gel; 18% salt; & 3/4% CFR 2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1 SPF	3 1/8" csg. gun	2913-2919'
TUBING RECORD			"	"	2922-2930'
			"	"	2940-2948'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal. 15% acid & 500 gal. 7 1/2% acid	2913-19 & 2922-30'
20,000 gal. 3% gelled acid & 20,000 20/40 Sand	" "

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

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 ARGONAUT ENERGY CORPORATION		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name BURGARDT	GAS
S 34 T 17 R 40 E 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
			TOWANDA	2910'

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

Date Received	 Robert L. Patterson <small>Signature</small>
	Vice President of Production <small>Title</small>
	3/29/77 <small>Date</small>

34-17-40W

DATA AND AFFIDAVIT

(On Cementing in Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137 and 55-138, 1947 Supplement to G. S. Kansas 1935)

LEASE OWNER Argonaut Energy Corp.

OFFICE ADDRESS Box 12099, Amarillo, Texas 79101

LEASE NAME BURGARDT WELL NO. 1 COUNTY Greeley (W)

EXACT SPOT LOCATION 330' fsl & EL SEC. 34 TWP. 17s RGE. 40 (X)

CONTRACTOR Murfin Drilling Company

OFFICE ADDRESS 617 Union Center, Wichita, Ks 67202

Drilled with (Cable) or (Rotary) tools: Date pipe set 2/12/77

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/4" Csg. (new) or (used) Size 8 5/8" Wt. 24#

Depth 1235' Where set 1235'

METHOD OF CEMENTING

Cement: Amount and kind 650 sx (Lite, 2% CaCl and HA₅, 3% CaCl

Method: (By Service Co., Dump, Tog., etc.) service company

Est. Height Cement behind pipe 1235'

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum _____

Name of lowest fresh water producing stratum _____

Surface elevation of well _____

ADDITIONAL INFORMATION

(Additional information may be submitted on separate sheet)

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS,

I, Wm. S. Shropshire, of the Murfin Drilling Company, being first duly sworn on oath, state: That I have knowledge of the facts, statements and matters herein contained and that the same are true and correct.

Wm S Shropshire

WELL LOG

COMPANY Argonaut Energy

SEC. 34 T. 17S R. 40W
LOC. 330' fSL & EL

FARM BURGARDT NO. 1

RIG. NO. 14

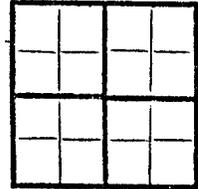
TOTAL DEPTH 3020'

COMM. 2/7/77

COMP. 2/12/77

COUNTY Greeley
KANSAS

CONTRACTOR Murfin Drilling Co.



CASING

20	10
15	8 5/8" @ 1235' w/650 sx
12	6
13	5
	4 1/2" @ 3019' w/210 sx

ELEVATION

PRODUCTION Producer

FIGURES INDICATE BOTTOM OF FORMATIONS

420 - shale, sand
990 - shale, sand
1515 - shale, shells
1900 - shale
2325 - shale, lime salt
2630 - lime, shale
2950 - shale, shells
3020 - shale, lime
3020 - RTD