

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

RECEIVED NOV - 4 1977
15-175-20334

KANSAS DRILLERS LOG

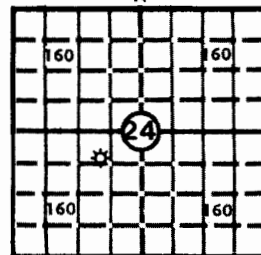
API No. 15 — 175 — 20,334
County Number

S. 24 T. 32 R. 33 ^K/_W

Loc. C NE SW

County Seward

640 Acres
N



Elev.: Gr. 2754'

DF 2763' KB 2765'

Operator
Burnett Corp.

Address
Suite 450 First National Bank Bldg. Amarillo, Texas 79101

Well No. #1 Lease Name Kane-Baughman

Footage Location
2010 feet from (E) (S) line 1910 feet from (E) (W) line

Principal Contractor Sage Drilling Co. Rig #2 Geologist C. C. Vaughan

Spud Date 11-14-77 Total Depth 6054' P.B.T.D. 5603'

Date Completed 12-20-77 ~~OK~~ Gas Purchaser
Northern Natural Gas Co.

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
Conductor		20"		60½'		6 yds.	
Surface	12½"	8-5/8"	23#	1579'	Howco "Light" Class "H"	700 200	2%cc, ¼#/sk Flo- 3%cc cele
Production	7-7/8"	4½"	10.5#	5690.73'	50-50 Pozmix	450	18%NaCl, 3/4 of 1% CFR-2, 12# gils/sk

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
<p>TUBING RECORD</p> <p>Size <u>2-3/8"</u> Setting depth <u>4203</u> Packer set at <u>None</u></p>			Morrow 2	DP Charges Sidewinder Jets	5525-5530'
			LKc 2		4240'-4254'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Morrow 1000 gals. 15% NE Acid	5525-5530'
Morrow 63 Bbl. Foam-Frac, 9000# Sand	5525-5530'
LKc 500 gals. 15% MCA	4240-4254'

INITIAL PRODUCTION

Date of first production March 2, 1978 Producing method (flowing, pumping, gas lift, etc.) Flowing

RATE OF PRODUCTION PER 24 HOURS	Oil <u>Trace</u> bbls.	Gas <u>OF Pot. 12,000</u> MCF	Water <u>None</u> bbls.	Gas-oil ratio <u>453,000</u> CFPB
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Disposition of gas (vented, used on lease or sold) Sold to Northern Natural Gas Co. Producing interval (s) LKc 4240-4254'

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

BURNETT CORPORATION

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

Well No. 1 Lease Name Kane-Baughman

S 24 T 32 R 33 E W

WELL LOG

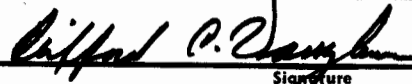
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Electric Log Tops				
Anhydrite		1585		
Heebner	4112			
Toronto	4130			
Lansing-Kansas City (Gas)	4238			
Marmaton	4895			
Cherokee	5076			
Morrow Fm.	5426			
Lower Morrow Sand (Gas)	5524	5532		
Chester	5548			
Ste. Genevieve	5766			
St. Louis Porosity	5882			
<p>DST No. 1 (LkC) 4238-67', GTS in 1 min. Ga 5,185 MCFD after 30" initial open. SI 60" Re-op 60". Gas stabilized @ 5424 MCFD, SI 60". Rec. 45' GC oil & 60' GC Muddy Oil & 80' Filtrate Wtr. IHP 2090#, IFP 501-897#, ISIP 1264#, FFP 897-882#, FSIP 1220#, FHP 2090#.</p> <p>DST No. 2 (Lo Morrow Sd.) 5390-5548'. Op 60" GTS 40" Est. 150 MCF. SI 90", Re-op 90". Gas stabilized @ 83 MCFD, SI 90". Rec 360' HGCM, IHP 2775#, IFP 147-177#, ISIP 1516#, FFP 147-132#, FSIP 1516#, FHP 2775#.</p> <p>DST No. 3 (Chester) 5684-5738', Op 60" SI 90", Op 60", SI 90". Rec 95' Mud IHP 2892#, IFP 177-103#, ISIP 941#, FFP 59-59#, FSIP 941#, FHP 2892#.</p>				

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

Date Received



Vice President

Signature

February 27, 1978

Title

Date

24-32-33W

STATE OF KANSAS
STATE CORPORATION COMMISSION - CONSERVATION DIVISION
245 North Water
Wichita, Kansas 67202

FORM C-2

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 Burnett Corporation

OFFICE ADDRESS 450 First National Bank Bldg., Amarillo, Texas 79101

LEASE NAME Kane-Baughman WELL NO. 1 COUNTY Seward (W)

EXACT SPOT LOCATION C NE SW SEC. 24 TWP. 32S RGE. 33W (E)

CONTRACTOR Sage Drilling Co., Inc.

OFFICE ADDRESS 500 Bitting Bldg., Wichita, Kansas 67202

Drilled with ~~(Cable)~~ (Rotary) tools: Date pipe set November 15, 1977

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/4" Csg. (new) ~~XXXXXXX~~ Size 8-5/8" Wt. 23#

Depth 1580' Where set 1580'

METHOD OF CEMENTING

Cement: Amount and kind 700 sax Light Weight, 2% CC & 200 sax Class H, 3% CC

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

Est. Height Cement behind pipe Cement Circulated

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum 400'

Name of lowest fresh water producing stratum _____

Surface elevation of well Est. 2765'

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, John R. Bartholomew, of the Sage 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.

DRILLERS LOG

KANE-BAUGHMAN NO. 1

CASING RECORD: OPERATOR: Burnett Corporation DESCRIPTION:
8-5/8" set @ 1580' CONTRACTOR: Sage Drilling Co., Inc. C NE SW
w/900 sax cement COMMENCED: November 14, 1977 Sec. 24-32S-33W
Seward County,
Kansas.
TOTAL DEPTH: COMPLETED: December 2, 1977
6050'

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sand	0	409	
Sand & Red Bed	409	1185	
Red Bed & Shells	1185	1880	
Lime & Shale	1880	2456	
Anhydrite	2456	2636	
Lime & Shale	2636	2883	
Dolomite	2883	3858	
Shale & Lime	3858	4085	
Lime & Shale	4085	4267	Ran DST#1 @ 4267'
Shale & Lime	4267	4429	
Lime & Shale	4429	4946	
Lime	4946	5046	
Lime & Shale	5046	5144	
Lime	5144	5217	
Lime & Shale	5217	5548	Ran DST#2 @ 5548'
Lime & Shale	5548	5738	Ran DST#3 @ 5738'
Lime & Shale	5738	6050	Logged Hole; 4½" set @ 5690' w/450 sax Pozmix.

I certify that this is a true and correct copy of the log on the above captioned well to the best of my knowledge.

SAGE DRILLING CO., INC.

By John R. Bartholomew