

PI

KANSAS

**WELL COMPLETION REPORT AND
DRILLER'S LOG**

State Geological Survey

API No. 15 — 109 — 20158
County Number

WICHITA BRANCH
Loc. 1650 E.S. 1650' FWL

Operator
Cities Service Company

Address
209 E. William Wichita, Kansas 67202

Well No. 1 Lease Name Neuenschwander "A"

Footage Location
1650 feet from (N) (S) line 1650 feet from (E) (W) line

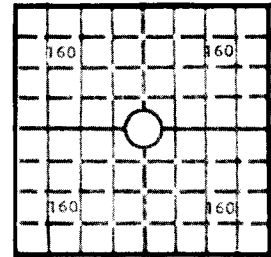
Principal Contractor Geologist
Abercrombie Drilling Marvin Abbott & Andrew Glenn

Spud Date Date Completed Total Depth P.B.T.D.
12/2/80 12/16/80 5100' KB

Directional Deviation Oil and/or Gas Purchaser
None

County Logan

640 Acres
N



Locate well correctly

Elev.: Gr. 3220'

DF 3223' KB 3225'

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#	320'	50/50 Pozmix	325	2% CaCl ₂

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			None		

TUBING RECORD

Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated


INITIAL PRODUCTION

Date of first production Producing method (flowing, pumping, gas lift, etc.)
Well plugged & abandoned

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, 245 No. Water, Wichita, Kansas 67202. 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 Cities Service Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 1	Lease Name Neuenschwander "A"		Dry Hole
S 28 T 14S R 36 W		Logan County, Kansas	
WELL LOG <small>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.</small>		<small>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</small>	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
See Attached			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: center;">  E. W. Peterman <small>Signature</small> </div> <div style="text-align: center; margin-top: 10px;"> Region Operations Manager </div> <div style="text-align: center; margin-top: 10px;"> Date </div>		

HL/LH

PL

28-14-36W

State of Kansas
WICHITA, KANSAS

CONTRACTOR'S WELL LOG

OPERATOR: Cities Service Oil Company
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: NEUNSWANDER #1 A'
LOCATION: SW NE SW, Section 28-14S-36W
Logan County, Kansas
SPUD DATE: 12/02/80
COMPLETION DATE: 12/16/80

0	1444	Shale
1444	2608	Shale & Sand
2608	3297	Shale
3297	4574	Lime & Shale
4574	4652	Lime
4652	4842	Lime & Shale
4842	4877	Lime
4877	4900	Lime & Shale
4900	4922	Lime
4922	4990	Lime, Shale & Sand
4990	5100	Lime & Shale
	5100	Rotary Total Depth

Spud hole @ 4:00 p.m., 12/02/80. Drilled 325' of a 12 $\frac{1}{4}$ " hole. Ran 7 jts. of 8 5/8" casing (tally 312.50) Set @ 321' with 275 sx. of 50-50 posmix, 2% gel, 2% c.c. Cement by Halliburton. Cement did circulate. Plug was down @ 10:45 p.m., 12/02/80.

T.M. @ 5100'. Set 1st Plug @ 1150' with 70 sx., Set 2nd Plug @ 300' with 20 sx., Set 3rd Plug @ 40' Solid Bridge with 10 sx. Rathole with 5 sx., 50-50 posmix, 6% gel. State Plugger - Marion Schmidt. Plug was down @ 8:00 a.m., 12/16/80.

SHALE TOPS:

Anhydrite 2552'
B/Anhydrite 2576'

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary/Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the NEUNSWANDER #1, SW NE SW, Section 28-14S-36W, Logan County, Kansas.