

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

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

15-101-2-01-0

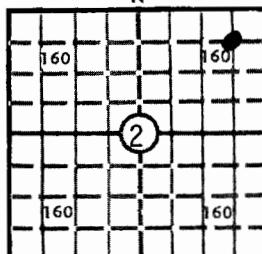
S. 2 T. 13 R. 33 E
W

Loc. C NE NE

County Logan

640 Acres

N



Locate well correctly

3049

Elev.: Gr.

DF KB 3054

API No. 15 — 109 — 20,132
County Number

Operator

Beren Corp.

Address 970 Fourth Fin Ctr Wichita, Kansas 67202

Well No. #1 Lease Name
Voth

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist Robert Lewellyn

Spud Date June 30, 1979 Total Depth 4750 P.B.T.D.

Date Completed July 11, 1979 Oil Purchaser

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 $\frac{1}{4}$ "	8-5/8"	24#	371'	60-40 pozmix	250	2% gel, 3% C.C.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

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.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbis.	Gas MCF	Water bbis.	Gas-oil ratio	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
Beren Corporation

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

Well No. 1	Lease Name VOTH	Dry Hole
S 2 T 13S R 33W E W		

WELL LOG

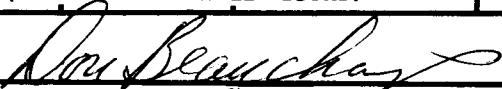
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface soil	0	42		
Clay, sand and shale	42	372		
Shale and sand	372	1380		
Shale with sand	1380	1832		
Shale and sand	1832	2292		
Lime and shale	2292	2550		
Anhydrite	2550	2572		
Shale and sand	2572	2790		
Shale	2790	3052		
Lime and shale	3052	3320		
Shale and lime	3320	3600		
Lime and shale	3600	3908		
Lime with shale	3908	3965		
Lime	3965	4750		
Rotary Total Depth	4750			

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

Date Received


Signature

Don Beauchamp - Geologist

Title

July 17, 1979

Date

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CONTRACTOR'S WELL LOG

OPERATOR: Beren Corporation
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: VOTH #1
 LOCATION: C NE NE, Section 2-13S-33W
 Logan County, Kansas
 SPUD DATE: June 30, 1979
 COMPLETION DATE: July 11, 1979

0	42	Surface soil
42	372	Clay, sand and shale
372	1380	Shale and sand
1380	1832	Shale with sand
1832	2292	Shale and sand
2292	2550	Lime and shale
2550	2572	Anhydrite
2572	2790	Shale and sand
2790	3052	Shale
3052	3320	Lime and shale
3320	3600	Shale and lime
3600	3908	Lime and shale
3908	3965	Lime with shale
3965	4750	Lime
	4750	Rotary Total Depth

Spud hole at 4:00 p.m., June 30, 1979. Drilled 372' of 12 $\frac{1}{4}$ " hole. Ran 9 joints of used 8-5/8" - 24# casing. Set at 371' R.B. with 250 sacks of 60/40 posmix, 3% Ca.Cl., 2% gel. Plug was down at 10:30 p.m., June 30, 1979.

T.D. 4750'. Set 1st plug at 1350' with 70 sacks, 2nd plug at 360' with 20 sacks, 3rd plug at 40' solid bridge with 10 sacks, rat hole with 3 sacks. Cemented with 50/50 posmix, 6% gel. Plug was down at 11:00 a.m., July 11, 1979.

SAMPLE TOPS:

Anhydrite 2550'
 B/Anhydrite 2572'

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 VOTH #1, C NE NE, Section 2-13S-33W, Logan County, Kansas.