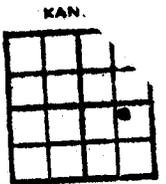


CONTRACTOR'S WELL LOG

24-5-18W
NW-NE-SE



OPERATOR: Rains & Williamson Oil Co.
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: BOGART #1A
 LOCATION: 100' SE of NW NE SE,
 Wichita, Kansas Sec. 24-5S-18W Phillips County
 GEOLOGIST: Harvey Gough
 SPUD DATE: August 23, 1974
 COMPLETION DATE: August 29, 1974

LOG TOPS:	DEPTH:		
	0		75
Anh	1370	75	830
B Anh	1394	830	1070
Tor	2873	1070	1365
Hee	3076	1365	1393
Tor	3102	1393	1595
Lans	3121	1595	2024
Bkc	3349	2024	3220
Rtr	3364	3220	3226
Lt	3369	3226	3323
		3323	3364
			3364

Clay & Rock
 Shale
 Sand
 Shale
 Anhydrite
 Shale
 Shale & Sand
 Lime & Shale
 Shale & Lime
 Lime & Shale
 Lime
 Rotary Total Depth



Drilled 212' of 12 1/4" surface hole. Set 8 jts. of 8-5/8" surface casing at 204' G.L. Cemented with 150 Sacks Sunset cement. Cement circulated. Plug was down @ 9:30 p.m. August 23, 1974.
 Ran Production Casing

SAMPLE TOPS	ELEVATION
Anhydrite 1565 (+397)	1962 K.B.
B/Anhydrite 1593 (+369)	1960 D.F.
	1954 G.L.

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

Jerry A. Langrehr, Vice President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the BOGART #1, 100' SE of NW NE SE, Section 24-5S-18W, Phillips County, Kansas.

ABERCROMBIE DRILLING, INC.

By: Jerry A. Langrehr
 Jerry A. Langrehr

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 4th day of September 4, 1974.

Nancy E. Bledsoe
 Nancy E. Bledsoe, Notary Public

My Commission Expires:

24-5s-18w

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 Rains & Williamson Oil Co., Inc.

OFFICE ADDRESS 435 Page Court, Wichita, Kansas 67202

LEASE NAME Bogart WELL NO. #1 COUNTY Phillips (W)

EXACT SPOT LOCATION 100' SE of NW NE SE SEC. 24 TWP. 5S RGE. 18 (W)

CONTRACTOR Abercrombie Drilling, Inc.

OFFICE ADDRESS 801 Union Center, Wichita, Kansas 67202

filled with ~~(Spiral)~~ or (Rotary) tools: Date pipe set August 23, 1974

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/2" Csg. (new) or (used) Size 8 5/8" Wt. _____

Depth 212' Where set 204'

METHOD OF CEMENTING

Cement: Amount and kind 150 sacks Sunset cement

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

Est. Height Cement behind pipe To Surface

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum Unknown

Name of lowest fresh water producing stratum Unknown

Surface elevation of well 1954 G.L.

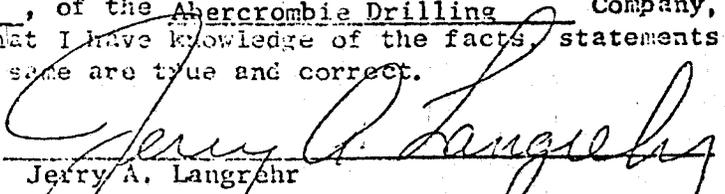
ADDITIONAL INFORMATION

(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, Jerry A. Langrehr, of the Abercrombie 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.


Jerry A. Langrehr