

No. 1 Bernard Springer

CASING RECORD:	COMPANY:	L. G. Stephenson & Co., Inc.	DESCRIPTION:
8 5/8" @ 502'	CONTRACTOR:	Red Tiger Drilling Company	C W/2 SW/4 SW/4
w/275 sx cmt.	COMMENCED:	February 15, 1977	Sec. 24-T22S-R24W
4 " @ 4,660'	COMPLETED:	March 1, 1977	Hodgeman County, Kansas
w/125 sx cmt.			
TOTAL DEPTH: 4,662'			ELEVATION: 2,404 GL

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shale	0	240	
Sand	240	290	
Shale	290	510	
Clay & Shale	510	780	
Shale & Red Bed	780	1019	
Anhydrite Blaine	1019	1034	
Shale	1034	1632	
Anhydrite	1632	1675	
Shale	1675	2260	
Shale & Lime	2260	2470	
Lime & Shale	2470	3385	
Sand & Shale	3385	3503	
Lime & Shale	3503	3707	
Sand & Shale	3707	3770	
Lime & Shale	3770	4145	
Lime	4145	4315	
Lime & Shale	4315	4396	
Lime	4396	4662	
R		4662	

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

RED TIGER DRILLING COMPANY

Gloria Fawcett
Gloria Fawcett

Subscribed and sworn to before me this 8th day of March, 1977.

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 L. G. Stephenson & Co., Inc.OFFICE ADDRESS 340 Farm Credit Bank Building, Wichita, Kansas 67202LEASE NAME Bernard Springer WELL NO. 1 COUNTY HodgemanEXACT SPOT LOCATION C W/2 SW/4 SW/4 SEC. 24 TWP. 22S RGE. 24W (W) (H)CONTRACTOR Red Tiger Drilling CompanyOFFICE ADDRESS 1720 KSB&T Building, Wichita, Kansas 67202Drilled with (Cable) or (Rotary) tools: Date pipe set February 15, 1977SURFACE HOLE DATASize of Hole 12 1/4" Csg. (new) or (used) Size 8 5/8" Wt. 28#Depth 510' Where set 502'SURFACE PIPE DATAMETHOD OF CEMENTINGCement: Amount and kind 275 sx Common, 2% Gel, 3% C.C.Method: (By Service Co., Dump, Tog., etc.) Sun CementingEst. Height Cement behind pipe 496'GROUND WATER INFORMATIONDepth to bottom of lowest fresh water producing stratum 100'Name of lowest fresh water producing stratum UnknownSurface elevation of well 2,404 GLADDITIONAL INFORMATIONNone

(Additional information may be submitted on separate sheet)

A F F I D A V I TSTATE OF Kansas, COUNTY OF Sedgwick SS,

I, Gloria Fawcett, of the Red Tiger 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.