Robert D. Hendrix
Petroleum Geologist

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY	Robert D. Hendrix
LEASE	Wolfe B #1
LOCATION	2535' fnl & 2207' fwl
SECTION 31	TWSP 12s RGE 20w
COUNTY	Ellis KANSAS
CONTRACTOR	Southwind Drilling Rig #8
SPUD	4/10/2019 COMPLETED 4/19/2019
RTD 4550'	LTD 4547'
MUD UP 3200'	TYPE MUD Chemical
CASING	8 5/8" set @ 212'
PROJECT	ELECTRICAL SURVEYS
Surface	From Kelly Bushing
Elevation	2091' KB

OF 2091

REMARKS:

Due to the negative results on both DST's on the 2 shows that were tested and no other favorable zones otherwise indicated on electric log examination. The decision was made to plug an abandon this test.
Robert Hendrix

LEGEND

Sandstone, Sandy Dolomite, Limestone, Shale, Cherty Dolomite, Cherty Limestone, Chert, Colitic Dolomite

DRILLING TIME IN MINUTES PER FOOT (Rate of Penetration Scale) 5 10 15	DEPTH	LITHOLOGY	Drill Stem Tests	Formation Shows	SAMPLE DESCRIPTION	REMARKS
	2150					
						Anhydrite 2178 (+463)
	2200					
						Base Anhydrite 2217 (+424)
	2250					
						Geologist on location 3617 at 10:34 pm 4/10/2019 at 8:00 am, 35.1cm +48 Mud-Co, Red Allene
	3600				Limestone: tan to white, fdm, chalky, fossiliferous, no vis por	
					Shale: gray, red, silty	
						Topeka 3637 (-997)
					Limestone: white, tan to brown, f-mxln, sl chalky, sl oolitic in part, fossiliferous, sl vis inter por	
	50				Shale: gray, red, brown-silty	
					Limestone: tan to d brown, f-mxln, sl chalky, sl oolitic in part, fossiliferous, no vis por	
	3700				Shale: gray, red, brittle, fissile	
					Limestone: tan to brown, fdm, sl chalky, fossiliferous, brown mineralized spots, pyritic no vis por	
					Shale: gray, red	
					Limestone: tan to brown, fdm, mostly dense, sl chalky, fossiliferous, no vis por	
	50				Shale: black to gray	
					Limestone: tan, fdm, chalky, fossiliferous, pyritic, no vis por	
					Shale: gray, silty	
	3800				Shale: dark to lt gray, green, red	
					Limestone: tan to brown, f-mxln, chalky, fossiliferous, no vis por	
					Limestone: brown, fdm, granular mineralized stream, fossiliferous, no vis por	
					Shale: lt to dark gray	
	50				Limestone: tan, fdm, cherty, no vis por	
					Shale: gray, red, silty	
					Limestone: tan, f-mxln, sl chalky, fossiliferous, no vis por	
	3900				Shale: gray, dark gray	
					Limestone: tan, fdm, sl chalky, fossiliferous, mod calcite replacement, no vis por	
					Shale: gray, dark gray	
					Limestone: tan, mxln, sl cherty, oolitic, fossiliferous, no vis por	
	50				Shale: gray, silty	
					Limestone: tan, fdm, sl chalky, fossiliferous, granular pyrite, mod mineral stream, sl oolitic por	
					Shale: black carbonaceous	**Hoebner 3855 (-1215)**
					Limestone: brown, m-mxln, dense, sl fossiliferous, no vis por	
	4000				Shale: gray, green, red	8:00am, 4/13/2019 **Toronto 3875 (-1235)**
					Limestone: white to tan, fdm, sl chalky, sl cherty, oolitic in part, fossiliferous, no vis por	**Lansing 3894 (-1254)**
					Limestone: white to d brown, fdm, sl chalky, cherty, oolitic, fossiliferous, sl interxln por, no vis	
					Shale: gray, green	
					Limestone: tan, m-lxln, oolitic, fossiliferous, 10% sample if gel contamination, pyr dark sp/ blast, lt oil, slight, good odor	
	50				Shale: gray, green, red	
					Limestone: white to tan, f-mxln, chalky, fossiliferous, no vis por	
					Shale: red, gray	
					Limestone: white, f-mxln, sl chalky, fossiliferous, mod calcite replacement, no vis por	
	4100				Shale: red, gray	
					Limestone: white, f-mxln, sl chalky, fossiliferous, no vis por	
					Shale: gray, red	
					Limestone: white to tan, f-mxln, chalky, oolitic, fossiliferous, no vis por	
	50				Shale: black to gray	8:00am, 4/13/2019
					Shale: gray, dark to light	
					Limestone: tan, f-mxln, oolitic, fossiliferous, upper portion 20% sample contamination by coagulat pyr, dark sp/ blast, gelatin, good odor	
	4200				Shale: gray, red, dark green	
					Limestone: white to tan, f-mxln, sl chalky, fossiliferous, no vis por	
					Shale: black carbonaceous, gray	**Stark Shale 4116 (-1476)**
					Limestone: tan to white, fdm, sl chalky, sl cherty, sl oolitic, fossiliferous, no vis por	
	50				Shale: gray, black, red, silty	
					Limestone: gray to tan, fdm, dense, sl cherty, sl fossiliferous, no vis por, no	**BKC 4163 (-1523)**
					Shale: gray, black, red, green laminated	8:00am, 4/14/2019
	4300				Limestone: tan to white, fdm, chalky, fossiliferous, no vis por, no	**Marmaton 4191 (-1551)**
					Shale: gray, black, brown, red, silty	
					Limestone: tan, fdm, sl oolitic, fossiliferous, no vis por	
	50				Shale: gray black carbonaceous, red, silty	
					Limestone: white, fdm, v oolitic, fossiliferous, not stained except in the interstices, pr intergr por, no	
					Shale: gray, green, red, silty	
	4400				Limestone: gray to tan, fdm, dense, no vis por	
					Shale: gray, black, olive	**Pawnee 4315 (-1675)**
					Limestone: tan to gray, fdm, dense, fossiliferous, no vis por	
					Limestone: tan to gray, fdm, dense, no vis por	
	50				Limestone: tan to gray to brown, v-fdm, dense, no vis por	
					Shale: gray, red	
					Shale: black carbonaceous	**Ft Scott 4380 (-1740)**
					Limestone: brown to tan, fdm, dense, oolitic in part, sl fossiliferous, no vis por	
	4450				Shale: black carbonaceous	**Cherokee Shale 4467 (-1767)**
					Limestone: gray, fdm, oolitic, fossiliferous, no vis por	
					Shale: gray, red	
					Limestone: tan to brown, fdm, sl cherty, fossiliferous, no vis por	
	50				Shale: black, gray, green	
					Limestone: tan to brown, fdm, dense, sl cherty, sl fossiliferous, no vis por	
					Shale: gray, red, black carbonaceous	
					Limestone: brown to tan, fdm, cherty (orange), sl fossiliferous, calcite replacement, no vis por	
					Shale: gray, red, green, laminated, sl sandy in part	
					Shale: gray, red, green, laminated, chert, Limestone, Dolomite	
					Dolomite: tan, fdm, chalky, sl cherty (white), granular, lt interxln por, no stain, no-fluo, no fluorescence, flash odor	**Mississippian 4492 (-1852)**
	4500				Dolomite: tan to white, fdm, chalky, sl cherty (white), granular, lt interxln por, no	
					Dolomite: gray to tan, fdm, cherty, granular, lt interxln por, no	
						RTD 4550 (-1910)
						8:00am, 4/19/2019 at 9:30 am, 35.1cm +48 Mud-Co, Gary Schmidberger Geologist off rate 6:45pm 4/19/2019

Brito Oil Company Inc.
Wolfe #1-31
2310'fnl & 2220'fwl
Sec. 31-12s-20w Ellis County, Kansas
KB=2091, GL=2087
API: 15-063-22353