

DRILL LOG

Operator License# 30176

API # 15-121-31494-00-00

Operator Hodges Oil

Lease Alan Schendel

Address 12600 Sherwood St., Leawood, KS

Well # S12

Contractor JTC Oil, Inc.

Spud Date 8/23/18 Cement 9/4/18

Contractor License 32834

Location _____ of _____

T.D. 740 T.D. of Pipe 717

_____ feet from _____

Surf. Pipe Size 7" Depth ft. 20 ft.

_____ feet from _____

A SACKS 1A CEMENT TO SURFACE
Kind of Well Injection

County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
<u>2</u>	soil	0	2	<u>7</u>	coal	206	213
<u>1</u>	clay	2	3	<u>22</u>	shale	213	235
<u>3</u>	lime	3	6	<u>8</u>	lime	235	243
<u>5</u>	clay	6	11	<u>23</u>	shale	243	266
<u>17</u>	lime	11	28	<u>14</u>	lime	266	280
<u>5</u>	shale	28	33	<u>44</u>	shale	280	324
<u>15</u>	lime	33	48	<u>9</u>	coal	324	335
<u>12</u>	shale	48	60	<u>20</u>	lime	335	355
<u>15</u>	lime	60	75	<u>4</u>	coal	355	359
<u>111</u>	shale	75	186	<u>13</u>	lime	359	372
<u>20</u>	lime	186	206	<u>158</u>	shale	372	530