



OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS - PHONE HE1-2650

November 6, 1967

T 23 S., R. 24 E., sec. 30.

Mr. Floyd Dotson
Security State Bank
Ft. Scott, Kansas 66701

Dear Mr. Dotson:

Attached hereto is a table giving the results of the examinations we made of the cuttings taken from your Kenneth Snyder Lease, Well No. 1, Bourbon County, Kansas.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Carl L. Pate

CLP:bjo

3 c. - Ft. Scott, Kansas

LOG OF CUTTINGS

Depth Interval, Description		
<u>Feet</u>		
64	- 69	- Hard dark limestone.
69	- 74	- Hard gray limestone.
74	- 76.5	- Hard gray shaly limestone.
76.5	- 79	- Dark shale containing some limestone.
79	- 84	- Dark shale.
84	- 89	- Gray shaly limestone.
89	- 94	- Gray calcareous shale.
94	- 96.5	- Gray micaceous sandstone.
96.5	- 98.5	- Gray micaceous sandstone.
98.5	- 100.5	- Gray shaly sandstone.
100.5	- 102.5	- Gray shaly sandstone.
102.5	- 104.5	- Gray shaly sandstone.
104.5	- 106.5	- Gray calcareous sandstone.
106.5	- 108.5	- Gray sandstone.
108.5	- 110.5	- Gray sandstone.
110.5	- 112.5	- Gray sandstone.
112.5	- 114.0	- Gray slightly shaly sandstone.
114.0	- 116.5	- Gray slightly shaly sandstone.
116.5	- 119.0	- Gray sandstone.
119.0	- 121.5	- Gray calcareous shaly sandstone.
121.5	- 124.0	- Gray shaly sandstone.
124.0	- 126.5	- Gray sandstone and shale.
126.5	- 129.0	- Gray sandy shale.
129.0	- 131.5	- Gray sandy shale.

LOG OF CUTTINGS

Depth Interval, Feet	Description
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131.5 - 134.0	Gray sandy shale.
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177.0 - 182.0	Gray shale and coal.
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182.0 - 192.0	Gray shale.
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192.0 - 202.0	Gray calcareous shale.
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202.0 - 212.0	Gray calcareous shale.
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212.0 - 224.0	Gray calcareous shale.
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224.0 - 234.0	Gray calcareous shale.
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234.0 - 244.0	Gray calcareous shale.
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244.0 - 254.0	Gray calcareous shale.
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254.0 - 264.0	Gray shale.
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264.0 - 274.0	Gray shale.
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274.0 - 284.0	Gray shale containing some coal.
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284.0 - 294.0	Gray shale.
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294.0 - 304.0	Gray shale.
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304.0 - 309.0	Gray shale containing some coal.
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309.0 - 314.0	Gray shale.
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314.0 - 324.0	Gray shale containing some coal.
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324.0 - 334.0	Gray shale.
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334.0 - 339.0	Gray shale.
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339.0 - 344.0	Gray shale.
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344.0 - 349.0	Gray shale.
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349.0 - 354.0	Gray shale.
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354.0 - 359.0	Gray sandy shale.
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LOG OF CUTTINGS

Depth	Interval,	Description
Feet		

359.0 - 361.5	-	Gray calcareous sandy shale.
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383.0 - 388.0	-	Gray shale and brown sandstone - show of oil.
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388.0 - 393.0	-	Gray calcareous carbonaceous shale.
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393.0 - 398.0	-	Gray carbonaceous shale.
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398.0 - 403.0	-	Gray calcareous shale.
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403.0 - 412.0	-	Dark calcareous shale.
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413.0 - 423.0	-	Dark gray shale.
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423.0 - 433.0	-	Dark gray calcareous shale.
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433.0 - 440.0	-	Gray shale.
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