



# OILFIELD RESEARCH LABORATORIES

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

October 13, 1967

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

Dear Sir:

Attached hereto are the results of the examinations we made on the cuttings taken from your Lula Myrick Lease, Well No. 1, located in the NW/4, Section 34, Township 23S, Range 23E, Bourbon County, Kansas, and submitted to our laboratory on October 9, 1967.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Carl L. Pate

CLP:bjo

3 c. - Ft. Scott, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

## LOG OF CUTTINGS

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
200.0 - 215.0	- Gray calcareous shale.
215.0 - 225.0	- Gray calcareous shale.
225.0 - 235.0	- Gray shaly limestone.
235.0 - 245.0	- Gray calcareous shale.
245.0 - 255.0	- Gray calcareous shale.
255.0 - 265.0	- Gray calcareous shale.
265.0 - 275.0	- Gray calcareous shale.
275.0 - 285.0	- Gray slightly calcareous shale.
285.0 - 295.0	- Gray slightly calcareous shale.
295.0 - 305.0	- Gray shale.
305.0 - 315.0	- Gray slightly calcareous shale.
315.0 - 325.0	- Gray slightly calcareous shale.
325.0 - 335.0	- Gray shale.
335.0 - 345.0	- Dark calcareous shale.
345.0 - 355.0	- Gray calcareous shale.
355.0 - 365.0	- Gray shaly limestone.
365.0 - 375.0	- Dark gray carbonaceous shale and gray limestone.
375.0 - 385.0	- Gray carbonaceous shale.
385.0 - 395.0	- Dark gray shale.
395.0 - 405.0	- Gray calcareous sandy shale.
405.0 - 415.0	- Gray calcareous sandy shale.
415.0 - 425.0	- Gray shale.
425.0 - 435.0	- Gray carbonaceous calcareous shale.
435.0 - 445.0	- Gray shale.
445.0 - 455.0	- Gray calcareous shale.
455.0 - 465.0	- Gray slightly calcareous shale.
465.0 - 475.0	- Gray shale.

## LOG OF CUTTINGS

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
475.0 - 485.0	- Gray shale and limestone.
485.0 - 495.0	- Gray shale and limestone.
495.0 - 505.0	- Gray shale and limestone.
505.0 - 515.0	- Gray limestone and shale.
515.0 - 521.0	- Gray limestone and shale.
521.0 - 523.5	- Gray shaly sandy limestone.
523.5 - 526.0	- Gray shaly limestone.
526.0 - 536.0	- Gray shaly limestone.
536.0 - 546.0	- Gray sandy limestone.
546.0 - 556.0	- Gray calcareous shale.
556.0 - 566.0	- Gray carbonaceous calcareous shale.
566.5 - 569.0	- Dark gray shale and some limestone.
569.0 - 571.5	- Gray shale.
571.5 - 574.0	- Gray shale.
574.0 - 576.5	- Gray calcareous shale.
576.5 - 579.0	- Gray calcareous shale.
579.0 - 581.5	- Gray shale.
581.5 - 584.0	- Gray calcareous shale.
584.0 - 586.5	- Gray limestone and shale.
586.5 - 589.0	- Gray shale and limestone.
589.0 - 591.5	- Gray limestone, shale and some coal.
591.5 - 594.0	- Gray limestone and shale.
594.0 - 596.5	- Gray shale.
596.5 - 599.0	- Gray shale and limestone.
599.0 - 601.5	- Gray shale and white limestone.

## LOG OF CUTTINGS

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
601.5 - 604.0	- Dolomite and limestone.
604.0 - 606.5	- Dolomite and limestone.
606.5 - 609.0	- Dolomite and limestone.
609.0 - 611.5	- Dolomite and limestone.
615.0 - 617.0	- Dolomite and limestone.
617.5 - 620.0	- Dolomite and limestone.
620.0 - 622.5	- Dolomite and limestone.
622.5 - 625.0	- Dolomite and limestone.
626.0 - 627.0	- Limestone, shale and dolomite.
627.0 - 628.0	- Limestone, shale and dolomite.
628.0 - 629.0	- Limestone and shale.
629.0 - 630.0	- Dolomite, limestone and shale.
630.0 - 631.0	- Shale, limestone and dolomite.
631.0 - 632.0	- Shale, limestone and dolomite.
632.0 - 633.0	- Limestone, dolomite and shale.
633.0 - 634.0	- Limestone, dolomite, shale and sandstone.
634.0 - 635.0	- Dolomite.
635.0 - 636.0	- Sandy limestone - slight show of oil.
636.0 - 637.0	- Sandy limestone.
637.0 - 638.0	- Light gray limestone.
638.0 - 639.0	- Light slightly sandy limestone.
639.0 - 640.0	- Light <del>gray</del> limestone.
641.0 - 642.0	- Light gray limestone.
642.0 - 643.0	- Shaly limestone and dolomite.
643.0 - 644.0	- Shaly limestone and dolomite.
644.0 - 645.0	- Shaly limestone and dolomite.
645.0 - 647.0	- Shaly limestone and dolomite.

## LOG OF CUTTINGS

<u>Depth Interval,</u>	<u>Description</u>
<u>Feet</u>	

647.0 - 648.0	- Shaly limestone.
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648.0 - 649.0	- Shaly limestone.
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649.0 - 650.0	- Shaly limestone and dolomite.
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