

OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

October 29, 1982

Triad Energies, Incorporated
c/o Richard Charlesworth
P. O. Box 71
Cherryvale, Kansas 67335

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Molidor Lease, Well No. 2, located in Section 27, T-31S, R-17E, Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on October 27, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/rmc

5 c to Cherryvale, Kansas

LOGCompany Triad Energies, Incorporated Lease Molidor Well No. 2

| <u>Depth Interval, Feet</u> | <u>Description</u> |
|---------------------------------|---|
| | <u>PERU SANDSTONE</u> |
| 491.0 - 491.6 | Gray shale. |
| 491.6 - 492.0 | Grayish light brown slightly shaly sandstone. |
| 492.0 - 493.1 | Light brown sandstone. |
| 493.1 - 493.6 | Grayish light brown shaly sandstone. |
| 493.6 - 494.5 | Gray shale. |
| 494.5 - 495.1 | Gray and brown laminated shale and sandstone. |
| 495.1 - 495.9 | Light brown shaly sandstone. |
| 495.9 - 498.5 | Gray shale. |
| 498.5 - 499.0 | Grayish light brown shaly sandstone. |
| 499.0 - 500.3 | Gray shale. |
| 500.3 - 500.5 | Light brown sandstone. |
| 500.5 - 501.2 | Light brown shaly sandstone. |
| 501.2 - 501.7 | Gray shale. |
| 501.7 - 502.0 | Light brown slightly shaly sandstone. |
| 502.0 - 504.3 | Grayish light brown calcareous shaly sandstone. |
| 504.3 - 757.0 | No core. |
| | <u>BARTLESVILLE SANDSTONE</u> |
| 757.0 - 758.0 | Grayish brown calcareous very shaly sandstone. |
| 758.0 - 758.5 | Grayish brown shaly sandstone. |

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Triad Energies, Incorporated Lease Molidor Well No. 2

| Sample No. | Depth, Feet | Porosity Percent | Percent Saturation | | | Oil Content Bbls. / A. Ft. | Permeability, Millidarcys |
|-------------------------------|-------------|------------------|--------------------|-------|-------|----------------------------|---------------------------|
| | | | Oil | Water | Total | | |
| <u>PERU SANDSTONE</u> | | | | | | | |
| 1 | 491.7 | 16.4 | 13 | 64 | 77 | 165 | 8.2 |
| 2 | 492.5 | 18.0 | 19 | 52 | 71 | 265 | 11. |
| 3 | 493.5 | 15.4 | 19 | 54 | 73 | 227 | 2.4 |
| 4 | 494.6 | 15.2 | 21 | 68 | 89 | 248 | 4.5 |
| 5 | 495.5 | 16.6 | 16 | 70 | 86 | 206 | 2.6 |
| 6 | 498.6 | 12.7 | 21 | 60 | 81 | 207 | 2.0 |
| 7 | 500.6 | 15.7 | 18 | 61 | 79 | 219 | 5.2 |
| 8 | 501.8 | 14.9 | 13 | 59 | 72 | 150 | 7.7 |
| 9 | 502.8 | 10.4 | 19 | 50 | 69 | 153 | 2.1 |
| <u>BARTLESVILLE SANDSTONE</u> | | | | | | | |
| 10 | 757.5 | 8.0 | 42 | 43 | 85 | 261 | Imp. |
| 11 | 758.3 | 10.4 | 22 | 73 | 95 | 177 | 1.2 |