

# Core Summary and Calculated Recoverable Oil

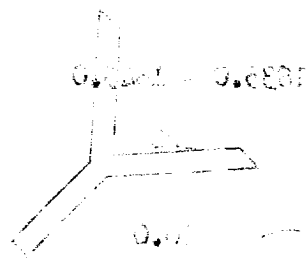
Kersey & Co., Thompson State #5 located in the SE/4, SW/4 of Sec. 20, T17S, R28E, Eddy County, N. Mex. - Red Lake field.

## CORE SUMMARY

Depth Feet	1835.0 - 1845.0	
% Core Recovery	100	
Feet of Permeable, productive formation recovered	10.0	
Average Permeability Millidarcys	44	
Average porosity, percent	13.8	
Average residual oil saturation, % pore space	17.8	
Gravity of oil	35	
Average total water saturation, % pore space	47.0	
Average calculated connate water saturation, % pore space	46	
Solution gas-oil ratio, C. F./bbl	120	
Formation Volume Factor-volume that one barrel of stock tank occupies in Reservoir	1.12	
Calculated Recoverable Oil		
By natural or gas expansion, bbls/ acre foot		108
Increase due to water drive, bbls/acre foot		218
Total after complete water drive, bbls/acre foot		326

Core analysis by Core Laboratories, Inc., Dallas, Texas

1. The first of these is the fact that the  
 2. data are not normally distributed, but are  
 3. skewed to the right. This is evident from the  
 4. fact that the mean is greater than the median.



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 5. The second of these is the fact that the  
 6. data are not normally distributed, but are  
 7. skewed to the right. This is evident from the  
 8. fact that the mean is greater than the median.  
 9. The third of these is the fact that the  
 10. data are not normally distributed, but are  
 11. skewed to the right. This is evident from the  
 12. fact that the mean is greater than the median.  
 13. The fourth of these is the fact that the  
 14. data are not normally distributed, but are  
 15. skewed to the right. This is evident from the  
 16. fact that the mean is greater than the median.  
 17. The fifth of these is the fact that the  
 18. data are not normally distributed, but are  
 19. skewed to the right. This is evident from the  
 20. fact that the mean is greater than the median.

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The results of the analysis are as follows: