Map Overview of the Cross-Sectional Wells D - D'

Dissolved Methane (mg/L) Direct Fill 40ml VOA, RSK175, unless otherwise noted

| | Jan-11 | May-12 | Aug-12 | Nov-12 | Dec-2012 (2) | Feb-13 | May-2013(3) | Sept-2013(4) |
|---|---|---|---|---|---|---|---|---|
| Dawson | 0.28 | --(1) | -- | -- | 28.8(2) | -- | 26.8 | 8.08 |
| LipskyA | 2.3 | -- | -- | -- | 40.2(2) | -- | 41.2 | 8.6 |
| LipskyB | -- | -- | -- | -- | -- | -- | 7.0 | 2.98 |
| Perdue | 2.8 | 1.41 | 4.24 | 20.1 | 50.1(2) | 8.8 | -- | 21.9 |
| Struths House | 0.96 | 0.59 | 0.944 | 1.26 | -- | 1.03 | 16.9 | -- |
| Struths Guest | 1.0 | 2.65 | 3.48 | 5.64 | -- | 5.43 | 12.5 | -- |

(1) "--" indicates sample not collected or data not available.

(2) Data reported to be from Duke University, reported in a summary table provided by Mr. Lipsky. Copper tubing method. Duke University tables not provided.

(3) Duke University Data (provided by homeowners). Sampled using "copper tubing" method.

(4) Data collected by RRC contractor

Key to Water Wells

Lipsky Complaint

| Map Code | Owner | Address | State Well no. | Elev | Compl | Prod Interval | TD | Red Bed | WL | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Wells | 899 Lake Country Dr. | 277053 | 759' | Jul-84 | 80-128 ~~320-360~~ 179 | 179 | | ~~282~~ 95 | |
| 2 | Purdue | 756 Lake Country Dr. | | 802' | 1992/3 | | 362 | | | |
| 3 | Carr | 818 Lake Country Dr. | | 779' | | | 200 | 190 | | |
| 4 | Abbott | 243 S. Ridge Oak Ct. | 151049 | 815' | 3/8/2007 | 180-260 | 260 | | 159 | |
| 5 | Mauldin | 243 S. Ridge Oak Ct. | | 813' | | | | | | |
| 6 | Thompson | 299 S. Ridge Oak Ct. | | 818' | | | | | | |
| 7 | Maerryman | 317 S. Ridge Oak Ct. | | 819' | | | | | | |
| 8A | Lipsky | 127 River Oak | 108518 | 716' | 4/11/2005 | 60-200 | 200 | 190 | 65 | Gas 8/2010 |
| 8B | Lipsky | 127 River Oak | 255478 | 716' | | -120 | 120 | | | |
| 9 | Stites | 161 Old Ranch | 49456 | 756' | 7/23/2003 | 120-225 | 225 | 210 | | |
| 10 | Hayley | 175 Old Ranch | 9254 | 759' | 8/4/2002 | 100-220 | 220 | 210 | 115 | Gas 10/2010 |
| 11 | Sanders | 103 N. Ridge Oak Ct. | | 805' | | | | | | |
| 12A | Mercer | 145 N. Ridge Oak Ct. | 23848 | 813' | 7/31/2003 | 135-290 | 290 | 242 | 160 | |
| 12B | Mercer | 145 N. Ridge Oak Ct. | 18657 | 813' | 2/11/2003 | 190-300 | 300 | 240 | 175 | |
| 13 | Struths | 367 S. Ridge Oak Ct. | | 763' | | | 200 | | | |
| 14A | Hurst | 2411 Cactus Rio Ln. | 226387 | 710' | 10/15/2005 | 50-180 | 180 | 160 | | Gas When Drilled |
| 14B | Hurst | 2411 Cactus Rio Ln. | 226388 | 712' | 10/17/2010 | 40-120 | 120 | 110 | | |
| 15 | Hurst | 2411 Cactus Rio Ln. | 167075 | 713' | 1/22/2009 | 45-120 | 120 | 110 | 45 | |
| 16 | Mills | 2410 Cactus Rio Ln. | 95563 | 719' | 8/19/2006 | 50-240 | 240 | 160 | 70 | |
| 17 | Davis | 2391 Cactus Rio Ln. | 40321 | 761' | 6/2/2004 | 105-210 | 210 | 183 | 105 | Gas when drilled |
| 18 | Struths | 362 S. Ridge Oak Ct. | | 774' | 2/15/2000 | 92-200 | 200 | 180 | | |
| 19 | Williams | 327 S. Ridge Oak Ct. | 196894 | 806' | 8/29/2007 | 147-247 | 247 | 235 | 126 | |
| 20 | Huffman | 127 N. Ridge Oak Ct. | 48043 | 804' | 7/15/2004 | 180-260 | 260 | 250 | 180 | |
| 21 | Vannewkirk | 322 S. Ridge Oak Ct. | | 817' | 1/11/2000 | 162-250 | 250 | 240 | | |
| 22 | Simpson | 277 S. Ridge Oak Ct | | 812' | | | | | | |
| 23 | Husby | 2381 Silverado Dr. | | 810' | | | | | | |
| 24 | Smith | 100 N. Ridge Oak Ct. | | 811' | 2/9/2004 | 170-300 | 300 | 260 | 173 | |
| 25 | Matthews | 114 N Ridge Oak Ct | | 816 | | | | | | |
| 26 | Dawson | 170 N. Ridge Oak Ct. | | 817 | | | 325 | | | |
| 28 | Ojesky | | | 762 | 11/11/2007 | 100-220 | 220 | 210 | 110 | Gas When Drilled |

Report of Investigations No. 125

# Atoka Group (Lower to Middle Pennsylvanian), Northern Fort Worth Basin, Texas: Terrigenous Depositional Systems, Diagenesis, and Reservoir Distribution and Quality

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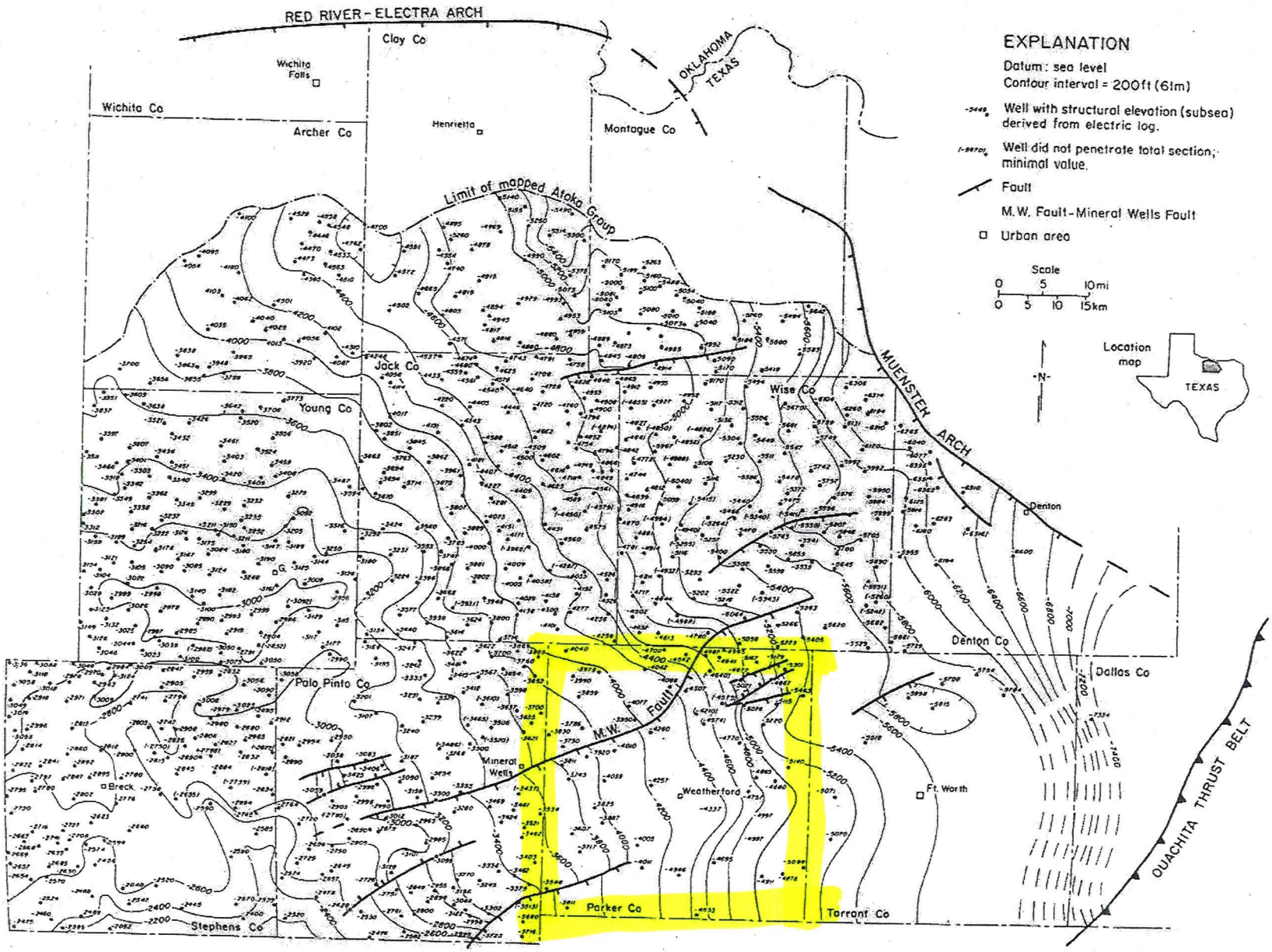


Plate XI. Structure map, top of pre-Atoka strata.

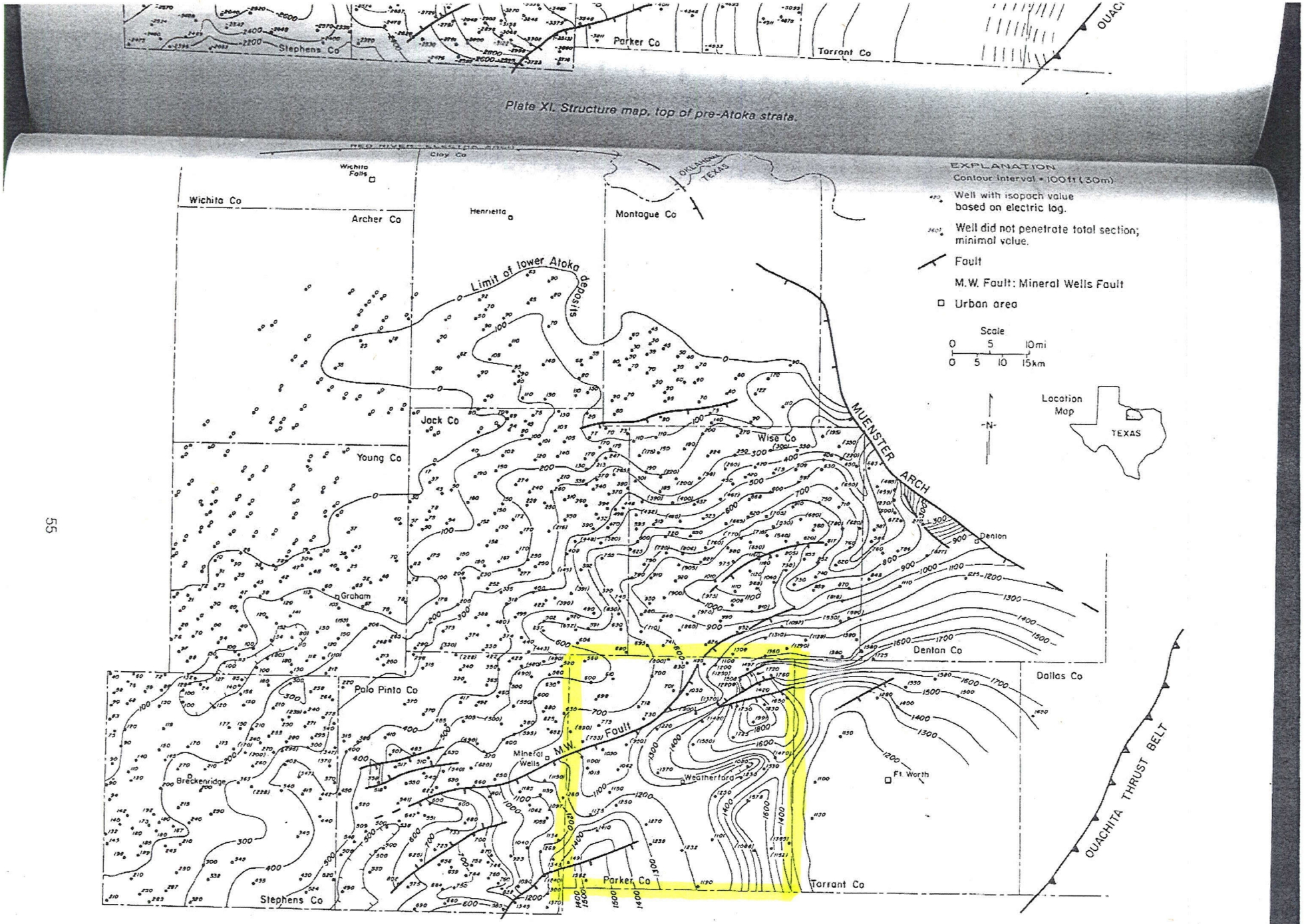


Plate XII. Isopach map, lower Atoka lithogenetic unit.