Scenario 1 -- Area of Deep River Basin = 1,184 square miles. Area Of Van Buren County = 712 square miles. Ratio of area 1,184/712 = 1.66; Number of wells in Van Buren County = 1488; 1,488 * 1.66 = 2,470 wells

Year	number of wells completed	total number of wells	Production MCF (thousands of cubic feet gas)	average production per well (MCF)	Cumulative Production (MCF)	Severance Tax (1.5%) in MCF	$3.50/MCF	$4.50/MCF	Severance Tax (3.0%) in MCF	$3.50/MCF	$4.50/MCF	Natural Gas Liquids Severance Tax (5%) in bngl	$90/barrel	$110/barrel
0	15	15	1,950,000	130,000	1,950,000	29,250	$102,375	$131,625	58500	$204,750	$263,250	4,875	$438,750	$536,250
1	49	65	6,370,000	130,000	8,320,000	95,550	$334,425	$429,975	191100	$668,850	$859,950	15,925	$1,433,250	$1,751,750
2	162	226	21,060,000	130,000	29,380,000	315,900	$1,105,650	$1,421,550	631800	$2,211,300	$2,843,100	52,650	$4,738,500	$5,791,500
3	339	565	44,070,000	130,000	73,450,000	661,050	$2,313,675	$2,974,725	1322100	$4,627,350	$5,949,450	110,175	$9,915,750	$12,119,250
4	566	1131	73,580,000	130,000	147,030,000	1,103,700	$3,862,950	$4,966,650	2207400	$7,725,900	$9,933,300	183,950	$16,555,500	$20,234,500
5	452	1583	58,760,000	130,000	205,790,000	881,400	$3,084,900	$3,966,300	1762800	$6,169,800	$7,932,600	146,900	$13,221,000	$16,159,000
6	475	2058	61,750,000	130,000	267,540,000	926,250	$3,241,875	$4,168,125	1852500	$6,483,750	$8,336,250	154,375	$13,893,750	$16,981,250
7	412	2470	53,560,000	130,000	321,100,000	803,400	$2,811,900	$3,615,300	1606800	$5,623,800	$7,230,600	133,900	$12,051,000	$14,729,000
	2470						$16,857,750	$21,674,250		$33,715,500	$43,348,500	802,750	$72,247,500	$88,302,500

321,100,000 Cumulative Production (MCF)

Natural Gas Liquids -- 2.1 gal/mcfg

Cumulative Production (MCF)	2.1 gal/MCF	number of gallons	number of barrels (42 gal/barrel)	value per barrel $90/barrel	
321,100,000	2.1	674,310,000	16,055,000	90	$1,444,950,000

802,750 Check Sum of 5% of total number of barrels

Scenario 2 -- Area of Deep River Basin = 1,184 square miles. Area of Cleburne County and Conway County and White County = 2,143 square miles. Ratio of area 1,184/2,143 = 0.55; Number of wells in Cleburne, Conway and White = 2,931; 2931 * 0.55 = 1,612 wells

Year	number of wells completed	total number of wells	Production MCF (thousands of cubic feet gas)	average production per well (MCF)	Cumulative Production (MCF)	Severance Tax (1.5%) in MCF	$3.50/MCF	$4.50/MCF	Severance Tax (3.0%) in MCF	$3.50/MCF	$4.50/MCF	Natural Gas Liquids Severance Tax (5%) in bngl	$90/barrel	$110/barrel
0	10	10	1,300,000	130,000	1,300,000	19,500	$68,250	$87,750	39000	$136,500	$175,500	3,250	$292,500	$357,500
1	32	42	4,160,000	130,000	5,460,000	62,400	$218,400	$280,800	124800	$436,800	$561,600	10,400	$936,000	$1,144,000
2	106	148	13,780,000	130,000	19,240,000	206,700	$723,450	$930,150	413400	$1,446,900	$1,860,300	34,450	$3,100,500	$3,789,500
3	221	369	28,730,000	130,000	47,970,000	430,950	$1,508,325	$1,939,275	861900	$3,016,650	$3,878,550	71,825	$6,464,250	$7,900,750
4	369	738	47,970,000	130,000	95,940,000	719,550	$2,518,425	$3,237,975	1439100	$5,036,850	$6,475,950	119,925	$10,793,250	$13,191,750
5	295	1033	38,350,000	130,000	134,290,000	575,250	$2,013,375	$2,588,625	1150500	$4,026,750	$5,177,250	95,875	$8,628,750	$10,546,250
6	310	1343	40,300,000	130,000	174,590,000	604,500	$2,115,750	$2,720,250	1209000	$4,231,500	$5,440,500	100,750	$9,067,500	$11,082,500
7	269	1612	34,970,000	130,000	209,560,000	524,550	$1,835,925	$2,360,475	1049100	$3,671,850	$4,720,950	87,425	$7,868,250	$9,616,750
	1612						$11,001,900	$14,145,300		$22,003,800	$28,290,600	523,900	$47,151,000	$57,629,000

209,560,000 Cumulative Production (MCF)

Natural Gas Liquids -- 2.1 gal/mcfg

Cumulative Production (MCF)	2.1 gal/MCF	number of gallons	number of barrels (42 gal/barrel)	value per barrel $90/barrel	
209,560,000	2.1	440,076,000	10,478,000	90	$943,020,000

523,900 Check sum of 5% of total number of barrels

Scenario 3 -- Area of Deep River Basin = 1,184 square miles. Area of Faulkner County = 647 square miles. Ratio of area 1,184/647 = 1.83; Number of wells in Faukner County = 366; 366 * 1.83 = 615 wells

Year	number of wells completed	total number of wells	Production MCF (thousands of cubic feet gas)	average production per well (MCF)	Cumulative Production (MCF)	Severance Tax (1.5%) in MCF	$3.50/MCF	$4.50/MCF	Severance Tax (3.0%) in MCF	$3.50/MCF	$4.50/MCF	Natural Gas Liquids Severance Tax (5%) in bngl	$90/barrel	$110/barrel
0	4	4	520,000	130,000	520,000	7,800	$27,300	$35,100	15600	$54,600	$70,200	1,300	$117,000	$143,000
1	12	16	1,560,000	130,000	2,080,000	23,400	$81,900	$105,300	46800	$163,800	$210,600	3,900	$351,000	$429,000
2	40	56	5,200,000	130,000	7,280,000	78,000	$273,000	$351,000	156000	$546,000	$702,000	13,000	$1,170,000	$1,430,000
3	85	141	11,050,000	130,000	18,330,000	165,750	$580,125	$745,875	331500	$1,160,250	$1,491,750	27,625	$2,486,250	$3,038,750
4	141	282	18,330,000	130,000	36,660,000	274,950	$962,325	$1,237,275	549900	$1,924,650	$2,474,550	45,825	$4,124,250	$5,040,750
5	112	394	14,560,000	130,000	51,220,000	218,400	$764,400	$982,800	436800	$1,528,800	$1,965,600	36,400	$3,276,000	$4,004,000
6	118	512	15,340,000	130,000	66,560,000	230,100	$805,350	$1,035,450	460200	$1,610,700	$2,070,900	38,350	$3,451,500	$4,218,500
7	103	615	13,390,000	130,000	79,950,000	200,850	$702,975	$903,825	401700	$1,405,950	$1,807,650	33,475	$3,012,750	$3,682,250
	615						$4,197,375	$5,396,625		$8,394,750	$10,793,250	199,875	$17,988,750	$21,986,250

79,950,000 Cumulative Production (MCF)

Natural Gas Liquids -- 2.1 gal/mcfg

Cumulative Production (MCF)	2.1 gal/MCF	number of gallons	number of barrels (42 gal/barrel)	value per barrel $90/barrel	
79,950,000	2.1	167,895,000	3,997,500	90	$359,775,000

199,875 Check sum of 5% of total number of barrels