

Proposed East Manson Unit No. 7 Tract Factors Based on 100% Remaining OOIP (June 2015)

Area				phi*Ha*m	S _w	B _o (m ³ /m ³)	OOIP		Wellbores	Production Allocation	Cumulative Oil per Well		Remaining Oil in Place		Tract Factor (%)
LSD	Section	TWP	RGE				(m ³)	(mbl)			(m ³)	(mbl)	(m ³)	(mbl)	
01	35	012	28W1	3.8	0.45	1.03	20,398.1	128.4	-	-	-	-	20,398.1	128.4	1.369542423%
02	35	012	28W1	4.0	0.45	1.03	21,359.2	134.4	-	-	-	-	21,359.2	134.4	1.434075836%
03	35	012	28W1	4.0	0.45	1.03	21,359.2	134.4	-	-	-	-	21,359.2	134.4	1.434075836%
04	35	012	28W1	4.0	0.45	1.03	21,359.2	134.4	-	-	-	-	21,359.2	134.4	1.434075836%
05	35	012	28W1	4.0	0.45	1.03	21,359.2	134.4	00/05-35-012-28W1/0	7.50%	172.5	1.1	21,346.3	134.3	1.433207651%
06	35	012	28W1	4.0	0.45	1.03	21,359.2	134.4	00/05-35-012-28W1/0	32.15%	172.5	1.1	21,303.8	134.1	1.430351948%
07	35	012	28W1	4.0	0.45	1.03	21,359.2	134.4	00/05-35-012-28W1/0	32.05%	172.5	1.1	21,303.9	134.1	1.430363930%
08	35	012	28W1	4.0	0.45	1.03	21,359.2	134.4	00/05-35-012-28W1/0	28.30%	172.5	1.1	21,310.4	134.1	1.430798022%
09	35	012	28W1	4.3	0.45	1.03	22,961.2	144.5	-	-	-	-	22,961.2	144.5	1.541631523%
10	35	012	28W1	4.6	0.45	1.03	24,509.7	154.2	-	-	-	-	24,509.7	154.2	1.645602021%
11	35	012	28W1	4.6	0.45	1.03	24,616.5	154.9	-	-	-	-	24,616.5	154.9	1.652772400%
12	35	012	28W1	4.7	0.45	1.03	25,150.5	158.3	-	-	-	-	25,150.5	158.3	1.688624296%
13	35	012	28W1	6.8	0.45	1.03	36,310.7	228.5	00/13-35-012-28W1/0	23.92%	7,646.3	48.1	34,481.3	217.0	2.315105475%
14	35	012	28W1	6.6	0.45	1.03	35,402.9	222.8	00/13-35-012-28W1/0	26.44%	7,646.3	48.1	33,381.2	210.1	2.241240677%
15	35	012	28W1	6.4	0.45	1.03	34,335.0	216.1	00/13-35-012-28W1/0	26.43%	7,646.3	48.1	32,314.0	203.3	2.169586344%
16	35	012	28W1	5.8	0.45	1.03	30,703.9	193.2	00/13-35-012-28W1/0	23.20%	7,646.3	48.1	28,929.6	182.1	1.942359185%
01	36	012	28W1	3.9	0.45	1.03	20,558.3	129.4	-	-	-	-	20,558.3	129.4	1.380297992%
02	36	012	28W1	3.4	0.45	1.03	17,995.1	113.2	-	-	-	-	17,995.1	113.2	1.208208891%
03	36	012	28W1	2.5	0.45	1.03	13,402.9	84.3	-	-	-	-	13,402.9	84.3	0.899882587%
04	36	012	28W1	4.0	0.45	1.03	21,359.2	134.4	-	-	-	-	21,359.2	134.4	1.434075836%
05	36	012	28W1	3.6	0.45	1.03	19,330.1	121.6	00/08-36-012-28W1/0	15.71%	198.2	1.2	19,299.0	121.4	1.295747790%
06	36	012	28W1	4.5	0.45	1.03	23,815.5	149.9	00/08-36-012-28W1/0	28.95%	198.2	1.2	23,758.1	149.5	1.595141552%
07	36	012	28W1	5.9	0.45	1.03	31,611.7	198.9	00/08-36-012-28W1/0	28.96%	198.2	1.2	31,554.3	198.6	2.118578755%
08	36	012	28W1	6.3	0.45	1.03	33,801.0	212.7	00/08-36-012-28W1/0	26.38%	198.2	1.2	33,748.7	212.4	2.265914992%
09	36	012	28W1	7.2	0.45	1.03	38,446.6	241.9	-	-	-	-	38,446.6	241.9	2.581336504%
10	36	012	28W1	7.1	0.45	1.03	37,699.0	237.2	-	-	-	-	37,699.0	237.2	2.531143850%
11	36	012	28W1	5.2	0.45	1.03	27,927.2	175.7	-	-	-	-	27,927.2	175.7	1.875054155%
12	36	012	28W1	4.0	0.45	1.03	21,359.2	134.4	-	-	-	-	21,359.2	134.4	1.434075836%
13	36	012	28W1	5.1	0.45	1.03	27,446.6	172.7	00/16-36-012-28W1/0	16.57%	4,375.2	27.5	26,721.6	168.2	1.794111392%
14	36	012	28W1	5.7	0.45	1.03	30,597.1	192.5	00/16-36-012-28W1/0	28.66%	4,375.2	27.5	29,343.1	184.7	1.970120309%
15	36	012	28W1	7.2	0.45	1.03	38,446.6	241.9	00/16-36-012-28W1/0	28.65%	4,375.2	27.5	37,192.9	234.1	2.497164016%
16	36	012	28W1	7.2	0.45	1.03	38,446.6	241.9	00/16-36-012-28W1/0	26.11%	4,375.2	27.5	37,304.0	234.7	2.504623789%
01	01	013	28W1	7.2	0.45	1.03	38,446.6	241.9	00/01-01-013-28W1/0	24.70%	11,435.2	72.0	35,622.5	224.2	2.391721750%
02	01	013	28W1	7.2	0.45	1.03	38,446.6	241.9	00/01-01-013-28W1/0	26.21%	11,435.2	72.0	35,449.3	223.1	2.380093236%
03	01	013	28W1	7.0	0.45	1.03	37,538.8	236.2	00/01-01-013-28W1/0	26.19%	11,435.2	72.0	34,543.7	217.4	2.319291123%
04	01	013	28W1	6.8	0.45	1.03	36,150.5	227.5	00/01-01-013-28W1/0	22.90%	11,435.2	72.0	33,531.9	211.0	2.251359758%
05	01	013	28W1	7.2	0.45	1.03	38,446.6	241.9	00/09-01-013-28W1/0	9.33%	15,404.8	96.9	37,009.9	232.9	2.484874397%
06	01	013	28W1	7.2	0.45	1.03	38,446.6	241.9	00/09-01-013-28W1/0	10.77%	15,404.8	96.9	36,787.9	231.5	2.469972427%
07	01	013	28W1	7.2	0.45	1.03	38,446.6	241.9	00/09-01-013-28W1/0	10.95%	15,404.8	96.9	36,759.5	231.3	2.468061206%
08	01	013	28W1	7.2	0.45	1.03	38,446.6	241.9	00/09-01-013-28W1/0	10.22%	15,404.8	96.9	36,871.5	232.0	2.475584813%
09	01	013	28W1	5.8	0.45	1.03	30,864.1	194.2	00/09-01-013-28W1/0	12.99%	15,404.8	96.9	28,862.3	181.6	1.937840137%
10	01	013	28W1	6.3	0.45	1.03	33,587.4	211.4	00/09-01-013-28W1/0	15.74%	15,404.8	96.9	31,163.3	196.1	2.092327294%
11	01	013	28W1	6.1	0.45	1.03	32,679.6	205.6	00/09-01-013-28W1/0	15.93%	15,404.8	96.9	30,225.4	190.2	2.029355626%
12	01	013	28W1	5.2	0.45	1.03	27,767.0	174.7	00/09-01-013-28W1/0	14.07%	15,404.8	96.9	25,599.9	161.1	1.718797545%
13	01	013	28W1	1.3	0.45	1.03	7,048.5	44.4	-	-	-	-	7,048.5	44.4	0.473245026%
14	01	013	28W1	1.5	0.45	1.03	7,849.5	49.4	-	-	-	-	7,849.5	49.4	0.527022870%
15	01	013	28W1	1.8	0.45	1.03	9,771.8	61.5	-	-	-	-	9,771.8	61.5	0.656089695%
16	01	013	28W1	1.3	0.45	1.03	6,674.8	42.0	-	-	-	-	6,674.8	42.0	0.448148699%
01	02	013	28W1	7.9	0.45	1.03	42,024.3	264.5	00/01-02-013-28W1/0	27.21%	5,637.9	35.5	40,315.5	253.7	2.706816243%
									02/01-02-013-28W1/0	26.58%	656.8	4.1			
02	02	013	28W1	8.7	0.45	1.03	46,296.1	291.3	00/02-02-013-28W1/0	26.13%	1,702.2	10.7	45,851.4	288.5	3.078498126%
07	02	013	28W1	8.1	0.45	1.03	43,305.8	272.5	00/02-02-013-28W1/0	29.24%	1,702.2	10.7	42,808.1	269.4	2.874170187%
08	02	013	28W1	7.7	0.45	1.03	41,009.7	258.1	00/01-02-013-28W1/0	28.49%	5,637.9	35.5	39,211.9	246.8	2.632717435%
									02/01-02-013-28W1/0	29.16%	656.8	4.1			
09	02	013	28W1	4.8	0.45	1.03	25,470.9	160.3	00/01-02-013-28W1/0	28.48%	5,637.9	35.5	23,673.6	149.0	1.589467578%
									02/01-02-013-28W1/0	29.17%	656.8	4.1			
10	02	013	28W1	5.2	0.45	1.03	27,767.0	174.7	00/02-02-013-28W1/0	29.24%	1,702.2	10.7	27,269.3	171.6	1.830879898%
15	02	013	28W1	0.4	0.45	1.03	2,189.3	13.8	00/02-02-013-28W1/0	15.39%	1,702.2	10.7	1,927.4	12.1	0.129404204%
16	02	013	28W1	0.3	0.45	1.03	1,815.5	11.4	00/01-02-013-28W1/0	15.82%	5,637.9	35.5	824.7	5.2	0.055369082%
									02/01-02-013-28W1/0	15.10%	656.8	4.1			
Total							1,536,635.9	9,669.9					1,489,406.8	9,372.6	100.000000000%