

Proposed East Manson Unit No. 2 Tract Factors Based on 100% Remaining OOIP (September 2013)

Area				phi*Ha*m	S _w	B _o	OOIP		Wellbores	Cumulative Oil per Well		Production	Remaining Oil in Place		Tract Factor
LSD	Section	TWP	RGE			(m ³ /m ³)	(m ³)	(mbbl)		(m ³)	(mbbl)	Allocation	(m ³)	(mbbl)	(%)
1	03	013	28W1	6.75	0.45	1.03	36,008.7	226.6	00/01-03-013-28W1/0	7,070.9	44.5	32.61%	33,696.3	212.0	3.66566487%
									00/02-03-013-28W1/0	1,206.2	7.6	0.56%			
2	03	013	28W1	9.95	0.45	1.03	53,079.5	334.0	00/02-03-013-28W1/0	1,206.2	7.6	23.19%	52,799.8	332.3	5.74384691%
3	03	013	28W1	11.75	0.45	1.03	62,681.9	394.4	00/03-03-013-28W1/0	875.9	5.5	20.52%	62,502.1	393.3	6.79931594%
4	03	013	28W1	10.55	0.45	1.03	56,280.3	354.2	00/04-03-013-28W1/0	161.8	1.0	24.39%	56,240.8	353.9	6.11818275%
5	03	013	28W1	12.45	0.45	1.03	66,416.1	417.9	00/04-03-013-28W1/0	161.8	1.0	26.29%	65,064.3	409.4	7.07804492%
									00/05-03-013-28W1/0	2,618.5	16.5	50.00%			
6	03	013	28W1	13.85	0.45	1.03	73,884.6	464.9	00/03-03-013-28W1/0	875.9	5.5	27.33%	72,335.9	455.2	7.86909115%
									00/05-03-013-28W1/0	2,618.5	16.5	50.00%			
7	03	013	28W1	11.45	0.45	1.03	61,081.5	384.4	00/02-03-013-28W1/0	1,206.2	7.6	24.41%	60,787.1	382.5	6.61274854%
8	03	013	28W1	7.35	0.45	1.03	39,209.5	246.7	00/01-03-013-28W1/0	7,070.9	44.5	34.07%	36,523.0	229.8	3.97316600%
									00/02-03-013-28W1/0	1,206.2	7.6	2.17%			
									00/08-03-013-28W1/0	251.5	1.6	100.00%			
9	03	013	28W1	6.65	0.45	1.03	35,475.3	223.2	00/01-03-013-28W1/0	7,070.9	44.5	32.97%	33,109.2	208.4	3.60179503%
									00/02-03-013-28W1/0	1,206.2	7.6	2.88%			
10	03	013	28W1	11.45	0.45	1.03	61,081.5	384.4	00/02-03-013-28W1/0	1,206.2	7.6	23.69%	60,795.7	382.6	6.61368390%
11	03	013	28W1	14.35	0.45	1.03	76,551.9	481.7	00/03-03-013-28W1/0	875.9	5.5	27.33%	76,312.5	480.2	8.30169200%
12	03	013	28W1	13.35	0.45	1.03	71,217.3	448.2	00/04-03-013-28W1/0	161.8	1.0	26.30%	71,174.7	447.9	7.74276887%
13	03	013	28W1	13.55	0.45	1.03	72,284.2	454.9	00/04-03-013-28W1/0	161.8	1.0	23.02%	72,246.9	454.6	7.85941366%
14	03	013	28W1	14.15	0.45	1.03	75,485.0	475.0	00/03-03-013-28W1/0	875.9	5.5	24.82%	75,267.6	473.6	8.18801602%
15	03	013	28W1	11.15	0.45	1.03	59,481.1	374.3	00/02-03-013-28W1/0	1,206.2	7.6	21.37%	59,223.3	372.7	6.44262842%
16	03	013	28W1	5.85	0.45	1.03	31,207.6	196.4	00/01-03-013-28W1/0	7,070.9	44.5	0.35%	31,161.7	196.1	3.38994101%
									00/02-03-013-28W1/0	1,206.2	7.6	1.73%			
Total							931,425.8	5,861.3					919,240.8	5,784.7	100.00000000%