

Proposed East Manson Unit No. 5 Tract Factors Based on 50% Remaining OIP & 50% 30 Day Cumulative Oil (February 2015)

Area				phi*Ha*m	S _w	B _o (m ³ /m ³)	OOIP		Wellbores	Production Allocation	Remaining Oil in Place Tract Factor				30 Day Cumulative Oil Tract Factor				Total Tract Factor (%)				
Quarter	Section	TWP	RGE				(m ³)	(mbl)			Cumulative Oil per Well		Remaining Oil in Place		Tract Factor		30 day Cumulative Oil per Well			30 day Cumulative Oil per Well per 1/4		Tract Factor	
										(m ³)	(mbl)	(m ³)	(mbl)	100%	50%	(m ³)	(bbl)	(m ³)	(bbl)	100%	50%		
NE	07	013	28W1	2.0	0.45	1.03	10,519.4	66.2	00/10-07-013-28W1/0	43.72%	458.9	2.9	10,318.8	64.9	0.959871333%	0.479935666%	229.6	1,445.0	100.4	631.8	1.750734517%	0.875367258%	1.355302925%
NW	08	013	28W1	21.7	0.45	1.03	115,820.4	728.8	00/10-07-013-28W1/0	56.28%	458.9	2.9	113,086.2	711.6	10.519482456%	5.259741228%	229.6	1,445.0	418.2	2,631.7	7.292600448%	3.646300224%	8.906041452%
									00/12-08-013-28W1/0	100.00%	2,476.0	15.6					289.0	1,818.5					
SE	15	013	28W1	7.2	0.45	1.03	38,446.6	241.9	00/03-15-013-28W1/0	7.05%	5,633.5	35.5	38,049.6	239.4	3.539444415%	1.769722207%	703.4	4,426.4	49.6	311.9	0.864375171%	0.432187585%	2.201909793%
									00/03-15-013-28W1/0	76.41%	5,633.5	35.5					703.4	4,426.4					
SW	15	013	28W1	22.8	0.45	1.03	121,747.6	766.1	00/01-15-013-28W1/0	54.07%	118.4	0.7	116,594.9	733.7	10.845869291%	5.422934646%	201.6	1,268.7	706.0	4,442.6	12.310554331%	6.155277165%	11.578211811%
									00/08-16-013-28W1/0	5.36%	14,633.2	92.1					1,110.3	6,987.0					
									00/03-15-013-28W1/0	16.55%	5,633.5	35.5					703.4	4,426.4					
									00/01-15-013-28W1/0	45.93%	118.4	0.7					201.6	1,268.7					
									00/03-16-013-28W1/0	63.09%	12,650.5	79.6	175,604.5	1,105.1	16.335050073%	8.167525037%	969.4	6,100.0	1,836.6	11,557.8	32.027199627%	16.013599813%	24.181124850%
									00/05-16-013-28W1/0	25.31%	291.4	1.8					37.3	235.0					
									00/07-16-013-28W1/0	100.00%	4,796.7	30.2					106.2	668.0					
									00/08-16-013-28W1/0	81.11%	14,633.2	92.1					1,110.3	6,987.0					
									00/03-16-013-28W1/0	36.91%	12,650.5	79.6					969.4	6,100.0					
									00/04-16-013-28W1/0	100.00%	43.4	0.3					19.9	125.0					
SW	16	013	28W1	24.1	0.45	1.03	128,689.3	809.8	00/05-16-013-28W1/0	74.69%	291.4	1.8	121,695.3	765.8	11.320322166%	5.660161083%	37.3	235.0	563.2	3,544.2	9.821239015%	4.910619508%	10.570780591%
									00/08-16-013-28W1/0	13.53%	14,633.2	92.1					1,110.3	6,987.0					
									00/06-17-013-28W1/0	2.76%	2,996.6	18.9					266.8	1,679.0					
									00/13-16-013-28W1/0	100.00%	2,138.0	13.5					198.5	1,249.0					
									00/14-16-013-28W1/0	100.00%	7,678.8	48.3					982.5	6,183.0					
									*00/16-16-013-28W1/0	7.09%	8,177.2	51.5	166,807.9	1,049.7	15.516781302%	7.758390651%	539.7	3,396.0	1,225.9	7,714.4	21.376983124%	10.688491562%	18.446882213%
									00/11-17-013-28W1/0	2.56%	3,016.3	19.0					258.9	1,629.0					
SE	17	013	28W1	24.2	0.45	1.03	129,436.9	814.5	00/06-17-013-28W1/0	72.20%	2,996.6	18.9	127,273.4	800.9	11.839203269%	5.919601634%	266.8	1,679.0	192.6	1,212.2	3.359181932%	1.679590966%	7.599192600%
SW	17	013	28W1	15.7	0.45	1.03	83,781.6	527.2	00/06-17-013-28W1/0	25.04%	2,996.6	18.9	83,031.3	522.5	7.723722578%	3.861861289%	266.8	1,679.0	66.8	420.4	1.164907987%	0.582453994%	4.444315283%
NW	17	013	28W1	8.5	0.45	1.03	45,495.1	286.3	00/11-17-013-28W1/0	31.51%	3,016.3	19.0	44,544.8	280.3	4.143639462%	2.071819731%	258.9	1,629.0	81.6	513.3	1.422252759%	0.711126379%	2.782946111%
NE	17	013	28W1	15.5	0.45	1.03	82,713.6	520.5	00/11-17-013-28W1/0	65.94%	3,016.3	19.0	78,009.8	490.9	7.256613655%	3.628306828%	258.9	1,629.0	493.8	3,107.1	8.609971090%	4.304985545%	7.933292373%
									00/15-17-013-28W1/0	100.00%	2,715.0	17.1					323.1	2,033.0					
Total							1,135,242.7	7,143.9					1,075,016.3	6,764.9	100.000000000%	50.000000000%			5,734.6	36,087.4	100.000000000%	50.000000000%	100.000000000%

*Remaining portion of this well will be non-unit