

Appendix 11

East Manson Unit No. 5 - Rock & Fluid Properties		
Initial Reservoir Pressure	6,064 kPa	100/10-07-013-28W1/0
Formation Temperature	33.3 °C	100/10-07-013-28W1/0
Saturation Pressure	3,640 kPa	100/03-16-013-28W1/0
Formation Volume Factor	1.031 m ³ /m ³	100/03-16-013-28W1/0
API Oil Gravity	40	100/03-16-013-28W1/0
Oil Viscosity	1.894 mPa.s	100/03-16-013-28W1/0
Solution GOR	6.6 m ³ /m ³	100/03-16-013-28W1/0
Swi	0.23	100/07-16-013-28W1/0
Sor	0.32	100/07-16-013-28W1/0
Wettability	water wet	100/07-16-013-28W1/0
Produced Water Sp. Gr.	1.04	100/03-15-013-28W1/0
Produced Water pH	7.7	100/03-15-013-28W1/0
Produced Water TDS	55,000 mg/L	100/03-15-013-28W1/0
Average Air Permeability	5.99 md	100/07-16-013-28W1/0
Average Porosity	0.13	100/07-16-013-28W1/0

East Manson Unit No. 5 - Pressure Data		
UWI	Date	Pressure (kPa)
100/10-07-013-28W1/0	18-Oct-15	6,064
100/01-15-013-28W1/0	14-Jan-15	1,989
100/06-16-013-28W1/0	17-Feb-15	4,363
100/11-16-013-28W1/0	24-Feb-15	3,900
102/11-16-013-28W1/0	18-Feb-15	3,072
102/14-16-013-28W1/0	7-Mar-15	2,309
100/05-17-013-28W1/0	23-Feb-15	5,137
100/12-17-013-28W1/0	10-Mar-15	4,239
100/13-17-013-28W1/0	7-Mar-15	2,899