

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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File RFL 79220

Well South Calebra Bluff No. 3

SEPARATOR TESTS OF No. 1 Subsurface **SAMPLE**

SEPARATOR PRESSURE, PSI GAUGE	SEPARATOR TEMPERATURE, ° F.	GAS/OIL RATIO (1)	GAS/OIL RATIO (2)	STOCK TANK GRAVITY, ° API @ 60° F.	FORMATION VOLUME FACTOR (3)	SEPARATOR VOLUME FACTOR (4)	SPECIFIC GRAVITY OF FLASHED GAS
300 to 0	72 72	850 285	998 287	45.3	1.655	1.174 1.006	0.775* 1.312
150 to 0	72 72	1014 148	1110 149	45.9	1.646	1.095 1.006	0.823* 1.412
100 to 0	72 71	1085 97	1162 98	45.9	1.636	1.071 1.006	0.835* 1.421
50 to 0	73 71	1184 50	1228 50	45.8	1.659	1.037 1.006	0.886* 1.336

*Collected and analyzed in the laboratory

- (1) Gas/Oil Ratio in cubic feet of gas @ 60° F. and 15.025 PSI absolute per barrel of oil @ indicated pressure and temperature.
- (2) Gas/Oil Ratio in cubic feet of gas @ 60° F. and 15.025 PSI absolute per barrel of stock tank oil @ 60° F.
- (3) Formation Volume Factor is barrels of saturated oil @ 2956 PSI gauge and 136 ° F. per barrel of stock tank oil @ 60° F.
- (4) Separator Volume Factor is barrels of oil @ indicated pressure and temperature per barrel of stock tank oil @ 60° F.

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