

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Page 10 of 17

File RFL 79220

Well South Calebra Bluff No. 3

Pressure-Volume Relations at 136 °F.

<u>Pressure</u> <u>PSIG</u>	<u>Relative</u> <u>Volume (1)</u>	<u>Y</u> <u>Function (2)</u>
5000	0.9683	
4500	0.9749	
4000	0.9822	
3500	0.9901	
3300	0.9936	
3200	0.9954	
3100	0.9972	
3000	0.9992	
2956	1.0000	
2945	1.0011	
2936	1.0020	
2927	1.0029	
2918	1.0038	
2854	1.0106	
2684	1.0315	3.201
2488	1.0622	3.007
2285	1.1034	2.822
2057	1.1653	2.625
1838	1.2482	2.431
1603	1.3728	2.243
1357	1.5601	2.081
1127	1.8331	1.922
912	2.2304	1.792
708	2.8570	1.674
523	3.8870	1.566

(1) Relative Volume: V/V_{sat} is barrels at indicated pressure per barrel at saturation pressure.

(2) Y Function = $\frac{(P_{sat}-P)}{(P_{abs})(V/V_{sat}-1)}$

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.