

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

WP-3-3397
File WP-1-8517 Page No. 2
Well ROBIN FEDERAL NO. 1

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY'S MAX.	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
28	7652.0-53.5	5.7	5.7	2.1	1.5	32.4 Dolomite
29	53.5-55.0	5.8	4.3	3.7	3.8	43.3 Dolomite
30	55.0-56.7	1420	29	7.4	2.8	35.3 Dolomite
31	56.7-58.0	3.9	2.3	5.9	2.0	28.6 Dolomite
32	58.0-59.5	7.8	7.0	7.3	2.9	27.4 Dolomite
33	59.5-61.0	19	16	6.8	2.4	26.6 Dolomite
34	61.0-62.2	12	8.9	6.1	3.4	20.8 Dolomite
35	62.2-63.0	1.9	1.2	4.2	3.9	16.8 Dolomite
36	7663.0-64.5	0.2	0.2	3.9	4.1	19.8 Dolomite
	7664.5-68.5					Core left at Well.
37	7668.5-70.1	1.2	0.8	4.9	3.3	18.2 Dolomite
38	70.1-72.0	3.1	2.3	3.5	4.3	10.0 Dolomite
39	72.0-73.3	7.4	5.4	1.8	1.7	32.2 Dolomite
40	73.3-75.0	5.8	4.7	2.9	1.0	55.2 Dolomite
41	75.0-76.2	26	16	1.8	1.1	27.9 Dolomite
42	76.2-78.0	3.9	2.3	3.3	2.8	19.4 Dolomite
43	78.0-79.7	2.3	1.6	1.8	1.1	32.8 Dolomite
44	79.7-81.0	3.9	1.9	3.5	1.0	28.6 Dolomite
45	81.0-82.0	3.1	2.3	7.1	1.8	56.0 Dolomite.
46	82.0-83.0	232	0.3	4.7	2.1	20.9 Dolomite
47	83.0-84.5	1.0	1.0	5.3	2.1	19.2 Dolomite
48	84.5-85.7	0.6	0.5	4.9	6.4	13.0 Dolomite
49	85.7-87.3	6.8	5.2	4.4	3.2	11.5 Dolomite
50	7687.3-88.5	0.3	0.2	3.8	0.5	27.5 Dolomite
51	88.5-90.0	<0.1	<0.1	2.0	1.5	19.2 Dolomite, sl/vgy
52	7690.0-91.0	<0.1	<0.1	2.7	1.1	15.5 Dolomite, sl/vgy
	7691.0-02.0					Dolomite
34	7702.0-04.0	0.5	0.3	3.5	4.3	19.3 Dolomite
	7704.0-07.0					Dolomite, shy
	7707.0-09.0					Shale
35	7709.0-10.5	1.3	0.9	5.6	5.6	30.4 Dolomite, vgy
36	7710.5-12.0	16	13	8.7	2.3	25.6 Dolomite, vgy, frac
37	7712.0-13.6	5.2	4.1	7.0	3.8	23.8 Dolomite, vgy, frac
38	7713.6-15.0	6.3	5.6	7.5	4.7	25.1 Dolomite, vgy, frac