

Smith Production Company
 N. R. Broussard Landing, Inc. No. 1
 Abbeville Field
 Bayou Kenny Brookshire Prospect
 Vermilion Parish, Louisiana
 Section 068, T12S-R03E



FILE NO.: LL-52953
 ANALYST: L. Simon
 TECH: A. Broussard
 DATE: July 9, 2011
 CORES: Weatherford
 API No.: 17113224310000

PERCUSSION SIDEWALL CORE ANALYSIS

In. Rec.	Sample Depth Feet	Permeability mD	Porosity %	Pore Volume		Prob Prod	Bulk Volume		Comb. Gas	Crit. Water %	QA Factor	Core Lithology
				Saturation			Saturation					
				Oil %	Water %		Oil %	Gas %				
	7850.0											Lost
0.3	7851.0	750.0	28.2	2.2	72.5	Cond	0.6	7.1	16	35	2f	Sd vfg sslty sshy ft yl flu
0.3	7852.0	720.0	27.7	2.9	74.8	Cond	0.8	6.2	8	36	2f	Sd vfg sslty sshy ft yl flu
0.3	7853.0	785.0	28.3	4.0	72.1	Cond	1.1	6.8	20	35	2f	Sd vfg sslty sshy ft yl flu
0.3	7854.0	1.5	15.6	0.0	84.4	(6)	0.0	2.4	0	67	2f	Sd vfg vslty vshy no flu
0.5	7855.0	0.9	14.7	0.0	84.0	(6)	0.0	2.4	0	67	2f	Sd vfg vslty vshy no flu
0.5	7856.0	6.9	17.4	3.8	76.9	(6)	0.7	3.3	15	64	1	Sd vfg slty vshy lam vft flu
	7860.0											Lost
	7861.0											Lost
	7862.0											Lost
0.3	7863.0	605.0	27.5	0.7	73.2	Cond	0.2	7.2	10	37	2fs	Sd vfg sslty sshy ft yl flu
0.5	7865.0	590.0	26.9	3.6	74.5	Cond	1.0	5.9	30	36	2fs	Sd vfg sslty sshy vft flu
0.5	7866.0	600.0	27.2	0.5	72.6	Cond	0.1	7.3	15	36	2fs	Sd vfg sslty sshy vft flu
0.5	7867.0	535.0	27.0	3.7	67.0	Cond	1.0	7.9	27	38	2fs	Sd vfg sslty sshy vft flu
0.3	7868.0	505.0	27.0	0.6	78.2	Cond	0.2	5.7	0	38	4fm	Sd vfg sslty sshy ft yl flu
0.3	7870.0	650.0	27.9	9.0	63.8	Oil	2.5	7.6	45	36	3fm	Sd vfg sslty sshy ft yl flu 39° API
0.3	7872.0	580.0	27.4	0.6	78.9	Wtr	0.2	5.6	19	36	4fm	Sd vfg sslty sshy ft yl flu
0.3	7874.0	545.0	27.7	0.8	83.2	Wtr	0.2	4.4	0	39	3fm	Sd vfg slty sshy vft flu
0.5	7894.0	6.4	17.8	0.0	78.3	(6)	0.0	3.9	0	66	1	Sd vfg slty vshy lam no flu
0.5	7895.0	205.0	26.7	0.5	72.2	Cond	0.1	7.3	32	46	1	Sd vfg slty shy lam stks ft yl flu
0.5	7896.0	455.0	27.2	5.4	68.3	Cond	1.5	7.1	30	38	2f	Sd vfg slty sshy yl flu

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				Saturation			Saturation					
				Oil %	Water %		Oil %	Gas %				
0.5	8066.0	110.0	25.6	0.0	82.4	Wtr	0.0	4.5	0	52	1	Sd vf-fg slty shy scalc no flu
0.3	8288.0	82.0	24.4	0.0	81.4	Wtr	0.0	4.5	0	53	4fm	Sd vfg vslty shy scalc no flu
0.3	8289.0	44.0	23.0	0.6	77.8	Wtr	0.1	5.0	0	58	2m	Sd vfg vslty shy scalc vft flu
0.5	8312.0 8318.0	2.4	15.4	0.0	87.5	(6)	0.0	1.9	0	65	2m	Sd vfg vslty vshy lam scalc no flu Lost
0.8	8324.0	4.9	16.3	0.0	81.4	(6)	0.0	3.0	0	63	1	Sd vf-fg slty vshy foss no flu
0.5	8329.0	13.0	21.0	4.0	67.2	Cond	0.8	6.0	20	66	1	Sd vfg slty vshy calc mott ft yl flu
1.0	8339.0 8342.0 8343.0	0.7	14.9	0.0	84.9	(6)	0.0	2.3	0	69	1	Sd vfg slty vshy calc no flu Lost Lost
0.5	8348.0	1.1	14.5	0.0	88.9	(6)	0.0	1.6	0	67	1	Sd vfg slty vshy lam no flu