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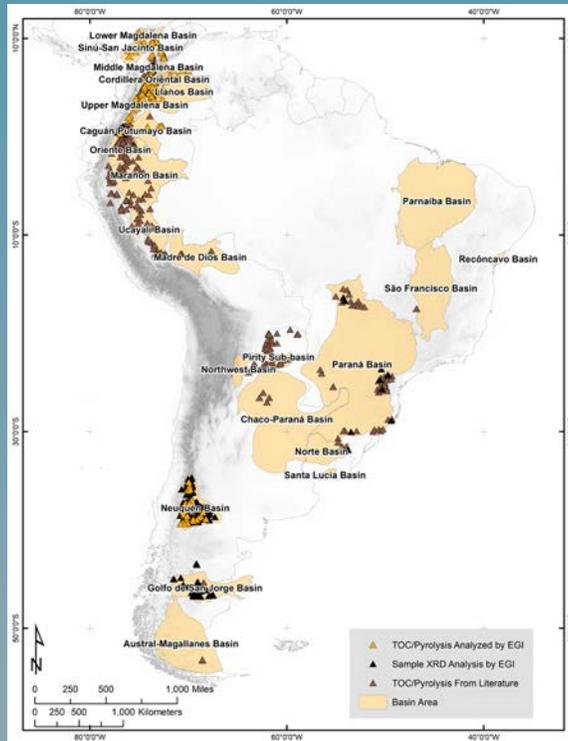
AVAILABLE FOR MEMBERS

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South America Shale Gas and Shale Oil Plays Data Analysis & ArcGIS Folio



Integrated Phase 1 & Phase 2

I 01005 & I 01005_2

EGI Energy & Geoscience Institute

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OVERVIEW

The Phase 2 study of shale systems spans six countries, evaluates 15 additional basins, and 47 shale systems beyond the Phase 1 project EGI. This report and ArcGIS product represents the most comprehensive data analysis for shales in South America and provides a digital platform for all new data and analyses. The availability of core and well data for the formations of interest generated significant in-roads for creating a statistically significant dataset to analyze South American shales in relation to their North American counterparts.

The data and analyses for the combined South America Shale Gas and Shale Oil Plays are derived from

27,821 TOC Measurements

16,011 Tmax Maturity Measurements

2,435 XRD Measurements

84 1-D models

100,000+	Well Locations
363	3D Seismic Survey Locations
2,947	XRD Rock Sample Analyses
8	Seep Samples with Analyses
372	Depth vs Pyrolysis Well Profiles
89	Ternary Diagrams
40	Geochemistry Charts from Literature
108	Stratigraphic Charts (25 created by EGI)
51	Geohistory Models (32 Updated by EGI)
310	Georeferenced Maps
59,000+	2D Seismic Line Locations
3,491	Rock Samples with TOC/Pyrolysis
64	Oil Samples with Analyses
6,855	Geochemistry Data Points from Literature
89	XRD vs Geochemistry Crossplots
81	QEMSCAN Rock Sample Images
68	Geochemistry Summary Parameters GIS layers
211	Transects (19 created by EGI)
29	Petroleum System Event Charts (9 updated by EGI)

SPONSORS



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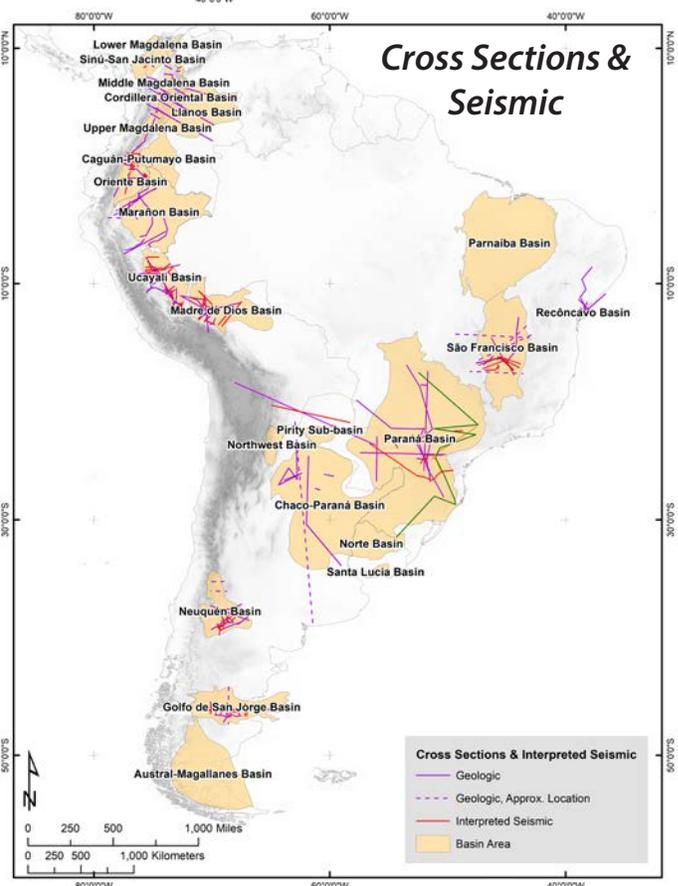
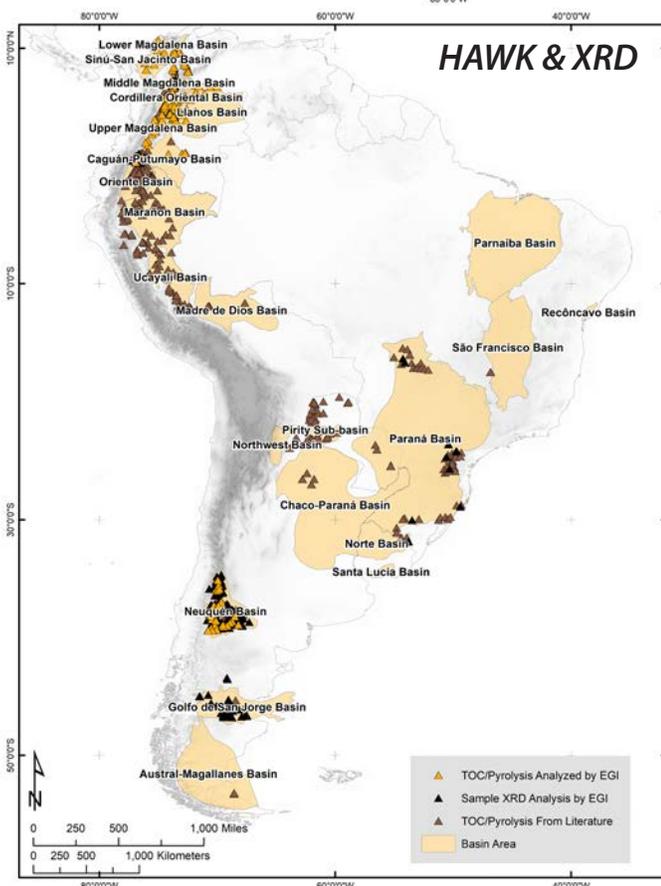
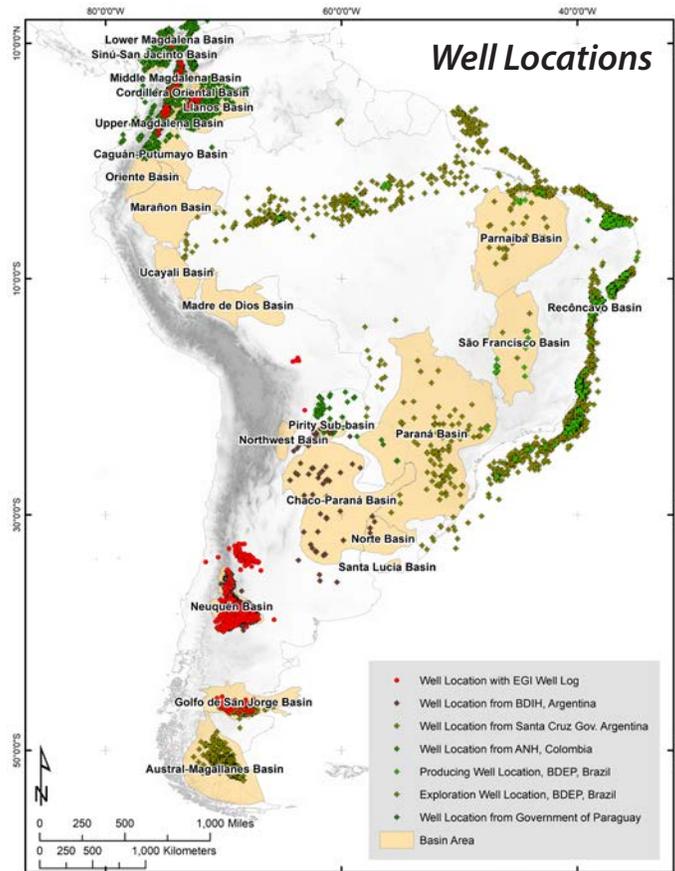


DATA SOURCES

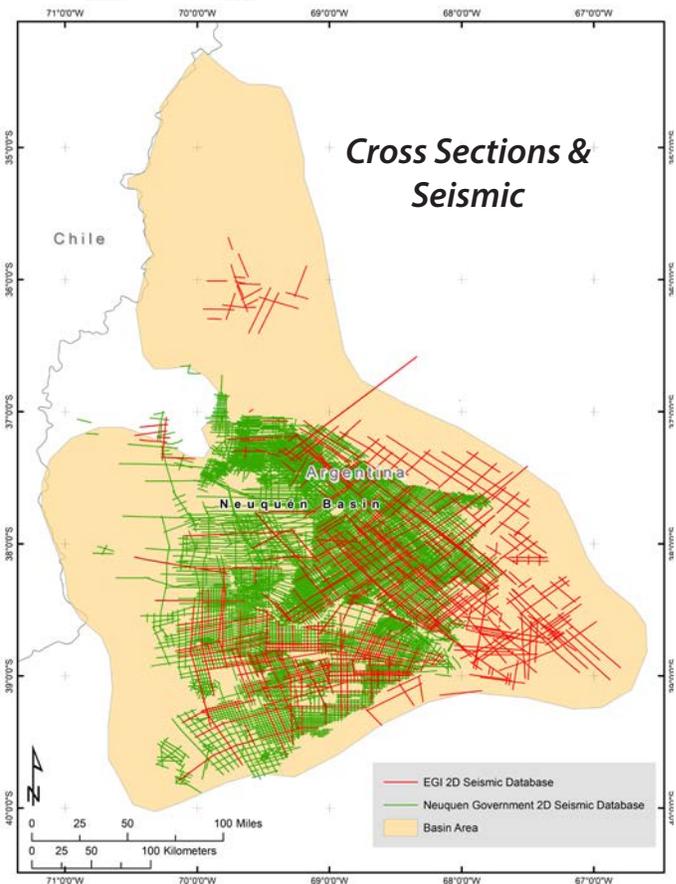
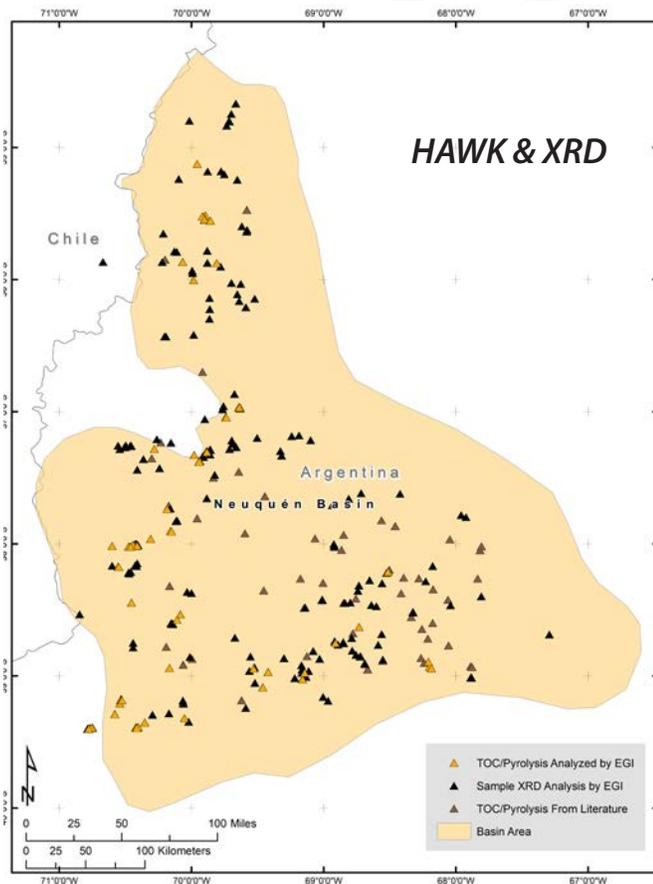
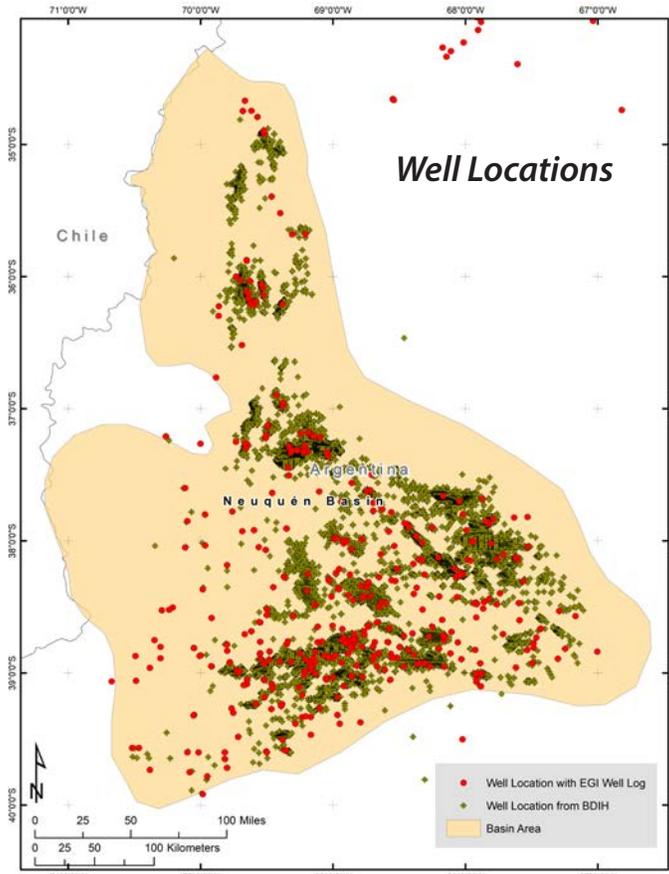
Data was derived from the EGI database, public domain, sponsor contributions and in-country universities and government agencies. Agreements to provide data were made with the following organizations:

Country	Organization	Description
Colombia	Agencia Nacional de Hidrocarburos	Sharing of data, experience and interpretations
Colombia	Universidad Industrial de Santander	Informal agreement to run XRD analyses
Peru	Perupetro	Sharing of data, experience and interpretations
Peru	Universidad de Ingenieria del Peru	Agreement to perform local data gathering and analysis
Argentina	Dirección Prov. de Hidrocarburos y Energía	Sharing of data, experience and interpretations
Argentina	Inst. de Energía Santa Cruz	Sharing of data, experience and interpretations
Brazil	Universidade do Estado Rio de Janeiro	Agreement to perform local data gathering and analysis

All Basins Studied



Neuquén Basin Argentina



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Table of Contents

Chapter 1 – Introduction and ArcGIS Overview & Instructions	1
1.1 Introduction.....	2
1.2 GIS Overview	7
1.3 Installing the South America Shales GIS Data	7
1.4 Map Projection of Data Frame.....	7
1.5 Data Organization in the File Structure.....	8
1.6 Data Organization in the Map Document.....	12
1.7 Layers with Hyperlinks in the Map Document	14
1.8 Bookmarks	14
1.9 Metadata	14
1.10 GIS Upload Instructions.....	16
1.10.1 Upload #1	16
1.10.2 Upload #2	18
1.10.3 Upload #3	21
1.10.4 Upload #4	22

1.10.4.1	Extracting the contents of a layer package	23
1.10.4.2	Layer package content summaries	23
1.10.5	Upload #5	25
1.10.5.1	Extracting the contents of a layer package	26
1.10.5.2	Layer package content summaries	26
Chapter 2	– Methodology	27
2.1	Data Compilation	28
2.2	Sample Collection	28
2.3	Sample Preparation	29
2.4	Pyrolysis Analysis	29
2.5	Basin Modeling	29
2.6	XRD Analysis	30
Chapter 3	– New Basins – Argentina Austral–Magallanes Basin	33
3.1	Background	34
3.2	Source Rocks	42
3.3	Kerogen Quality	47
3.4	Maturity	51
3.5	Mineralogy	56
Chapter 4	– Norte-Oeste (Northwest) Basin	59
4.1	Background	60
4.2	Source Rocks	65
4.3	Kerogen Quality	69
4.4	Maturity	73
4.5	Mineralogy	75
Chapter 5	– New Basins – Brazil Parnaíba Basin	77
5.1	Background	78
5.2	Source Rocks	81
5.3	Kerogen Quality	88
5.4	Maturity	92
5.5	Mineralogy	94
Chapter 6	– New Basins – Brazil Recôncavo Basin	95
6.1	Background	96
6.2	Source Rocks	103
6.3	6.3 Kerogen Quality	104
6.4	Maturity	107

Chapter 7– New Basins – Colombia Catatumbo Basin	111
7.1 Background	112
7.2 Source Rocks	117
7.3 Kerogen Quality	131
7.4 Maturity	131
Chapter 8– New Basins – Colombia César-Ranchería Basin	143
8.1 Background.....	144
8.2 Source Rocks.....	156
8.3 Kerogen Quality	164
8.4 Maturity	166
8.5 Mineralogy	186
Chapter 9– New Basins – Colombia Eastern Cordillera	211
9.1 Background.....	212
9.2 Source Rocks.....	222
9.2.1 Lower Cretaceous.....	227
9.2.2 Upper Cretaceous	227
9.3 Kerogen Quality	228
9.3.1 Lower Cretaceous.....	228
9.3.2 Upper Cretaceous	228
9.3.3 Cenozoic.....	229
9.4 Maturity	230
9.5 Mineralogy	242
Chapter 10 – New Basins – Colombia Llanos Basin.....	273
10.1 Background.....	274
10.2 Source Rock	283
10.3 Kerogen Quality	293
10.3.1 Cenozoic.....	293
10.3.2 Upper Cretaceous.....	294
10.4 Maturity	295
10.5 Mineralogy	314
Chapter 11 – New Basins – Colombia Lower Magdalena Basin	325
11.1 Background.....	326
11.2 Source Rock	332
11.3 Kerogen Quality	336
11.4 Maturity	337

Chapter 12 – New Basins – Colombia Sinú-San Jacinto Basin.....	341
12.1 Background.....	342
12.2 Source Rock	349
12.2.1 Sinú Fold Belt.....	353
12.2.2 San Jacinto Fault Belt.....	353
12.3 Kerogen Quality	353
12.3.1 Sinú Fold Belt.....	354
12.3.2 San Jacinto Fault Belt.....	354
12.4 Maturity	356
Chapter 13 – New Basins – Colombia Upper Magdalena Basin.....	359
13.1 Background.....	360
13.2 Source Rock	371
13.3 Kerogen Quality	375
13.4 Maturity	376
13.5 Mineralogy	390
Chapter 14 – New Basins – Paraguay Purity Sub-basin	395
14.1 Background	396
14.2 Source Rocks.....	404
14.3 Kerogen Quality	406
Chapter 15 – New Basins – Paraguay Paraná Sub-basin	409
15.1 Background.....	410
Chapter 16 – New Basins – Uruguay Norte Basin	413
16.1 Background	414
16.2 Source Rocks	420
16.3 Kerogen Quality	421
Chapter 17 – New Basins – Uruguay Santa Lucía Basin.....	423
17.1 Background	424
17.2 Source Rocks	429
Chapter 18 – In-depth Basins – Argentina Neuquén	431
18.1 Background.....	432
18.2 Maturity	434
18.3 Mineralogy	438
Chapter 19 – In-depth Basins – Argentina San Jorge	445
19.1 Background.....	446
19.2 Maturity	448

19.3 Mineralogy.....	449
Chapter 20 – New Basins – Colombia Middle Magdalena	451
20.1 Background.....	452
20.2 Maturity.....	454
20.3 Mineralogy.....	471
References.....	485
Appendix A – Enclosures – 7 Stratigraphic Charts	589
Cesar Rancheria	
Eastern Cordillera	
Llanos	
Lower Magdalena	
Sinu_ an Jacinto	
Upper Magdalena	
Middle Magdalena	
References.....	599
Appendix B – 255 Geochemical Profiles.....	613

List of Figures

Figure 1-1 Basins from SAS Phase 1 are shown in yellow, basins from Phase 2 are shown in red and basins included in both Phases are shown in blue.....	3
Figure 1-2 Whisker plot showing the maturity ranges for analyzed samples in all basins (throughout this report all Tmax values are °C). Please refer to the GIS for geochemistry data. Large format charts are included in the Appendix C.	4
Figure 1-3 Whisker plot showing the ranges of TOCs for analyzed samples in all basins. Please refer to the GIS for geochemistry data. Large format charts are included in the Appendix C.....	5
Figure 1-4 View of the South America Shale project study area using the WGS 1984 geographic coordinate system.	7
Figure 1-5 Directory structure of the South America Shale GIS project.....	8
Figure 1-6 Organization of supporting documents in the South America Shale GIS project.	9
Figure 1-7 Geodatabase organization in the South America Shale GIS project.....	10
Figure 1-8 Organization of the georeferenced maps in the South America Shale GIS project.....	11
Figure 1-9 Geochemical Parameter Summary layers in the South America Shale GIS project.....	12
Figure 1-10 South America Shale GIS map document table of contents organization.....	13
Figure 1-11 Accessing metadata in the ArcMap environment.	15
Figure 1-12 Accessing metadata in the ArcCatalog environment.....	16
Figure 1-13 EGI South America Shale GIS Phase 2 project upload #1 WinZip Extraction.....	17

Figure 1-14	EGL South America Shale GIS Phase 2 project upload #2 WinZip Extraction.....	19
Figure 1-15	List of feature classes added to EGL South America Shale GIS Phase 2 project upload #2.....	20
Figure 1-16	EGL South America Shale GIS Phase 2 project upload #3 WinZip Extraction.....	21
Figure 1-17	Layer packages provided in upload #4.....	23
Figure 1-18	Layer packages provided in upload #5.....	25
Figure 3-1	Stratigraphic chart for the Austral Basin.....	35
Figure 3-2	Stratigraphic relationship chart showing the variability in naming conventions used throughout the Austral-Magallanes Basin.....	36
Figure 3-3	In-depth stratigraphic chart of Cretaceous age rocks of the Austral-Magallanes Basin.....	36
Figure 3-4	West to east regional seismic line across the Austral-Magallanes Basin.....	37
Figure 3-5	Austral-Magallanes Basin sedimentary thickness diagram.....	38
Figure 3-6	Series of maps displaying detailed information related to sedimentary thickness and maturity.....	39
Figure 3-7	South to North cross section of the Austral-Magallanes Basin showing the variable thickness of the Palermo Aike Formation and its members.....	40
Figure 3-8	West to east log section created from wells across the full extent of the Austral-Magallanes Basin. .	41
Figure 3-9	Austral Basin sequence stratigraphy and source rock diagram.....	42
Figure 3-10	Summarized geochemical parameter data for the six source intervals within the Austral-Magallanes Basin.....	43
Figure 3-11	Log depth profile of the Palermo Aike Formation demonstrating complex relationships between well log signature, TOC and free petroleum.....	44
Figure 3-12	Log section of the Lower Inoceramus Shale (Lower Palermo Aike Formation) and the Margas Verdes (Middle Palermo Aike Formation).....	45
Figure 3-13	Isopach map of the Hot Shale from Figures 3.11 and 3.12.....	46
Figure 3-14	Cretaceous Palermo Aike Formation summary diagram.....	48
Figure 3-15	TOC log depth plot displaying the variation of TOC and S1 content compared to depth.....	49
Figure 3-16	TOC histogram for source rocks samples from the Argentina portion of the Austral-Magallanes Basin. (EGI).....	50
Figure 3-17	Geochemical depth plot displaying Depth vs. TOC & S1 and Oil Saturation.....	51
Figure 3-18	Early Cretaceous Palermo Aike (Lower Inoceramus) Formation summary diagram.....	52
Figure 3-19	Maturity map of mid-Cretaceous age source rocks in the Austral-Magallanes Basin based on rock and fluid sample data.....	53
Figure 3-20	: Histogram of maturity values for source rocks samples from the Argentina portion of the Austral-Magallanes Basin. (EGI).....	54
Figure 3-21	Figure showing vitrinite reflectance (VR) and kinetic data for three source rock intervals in the Austral Basin.....	55
Figure 3-22	Ternary diagram displaying well XRD data for the Palermo Aike Formation in the Austral-Magallanes Basin.....	56

Figure 3-23 Detailed depth section containing mineralogy and core data of the Hot Shale interval of the Palermo Aike Formation.....	57
Figure 4-1 Detailed stratigraphic chart of the Northwest Basin.....	61
Figure 4-2 Stratigraphic chart of the Silurian through Jurassic strata of the Northwest Basin.....	62
Figure 4-3 Isopach map showing total thickness of Devonian strata based on a series of seismic lines.....	63
Figure 4-4 Isopach map of the Yacoraite Formation.....	64
Figure 4-5 Late Devonian Los Monos Formation summary diagram.....	65
Figure 4-6 TOC histogram for Silurian and Devonian source rocks of the Northwest Basin.....	66
Figure 4-7 The Triassic Cacheuta Formation summary diagram.....	67
Figure 4-8 Late Cretaceous Yacoraite Formation summary diagram.....	68
Figure 4-9 Pseudo van Krevelen diagram for the same source rocks shown in Figure 4-6.....	70
Figure 4-10 Series of geochemical depth profiles from various wells showing data from Devonian shales in the Northwest Basin.....	71
Figure 4-11 Geochemical depth profile for Devonian shales of a well in the Northwest Basin.....	72
Figure 4-12 Maturity data for the Late Cretaceous Yacoraite Formation.....	73
Figure 4-13 Log section of various strata including the Yacoraite Formation displaying the interbedded nature of the formation.....	74
Figure 4-14 Total rock mineralogy description of the Devonian Los Monos Formation.....	75
Figure 5-1 Detailed stratigraphic chart for the Parnaíba Basin.....	79
Figure 5-2 Generalized northwest to southeast (A–A') cross section of the Parnaíba Basin.....	80
Figure 5-3 Total Bouguer Anomaly map of the Parnaíba Basin.....	80
Figure 5-4 Parnaíba Basin petroleum occurrence map. (Petersohn, 2007b).....	81
Figure 5-5 Parnaíba Basin source rock interval summary diagram.....	82
Figure 5-6 Isopach map of the Tianguá Formation.....	83
Figure 5-7 Isopach map of the Pimenteiras Formation.....	84
Figure 5-8 Well log depth profile of the Pimenteiras Formation demonstrating organic-rich mudstone subdivisions (A, B & C).	85
Figure 5-9 Set of maps for the C interval of the Pimenteiras Formation.....	86
Figure 5-10 Isopach map of the Longá Formation.....	87
Figure 5-11 Isopach map of the Codó Formation.....	88
Figure 5-12 Pseudo van Krevelen diagram (A) and maturity map (B) for the Tianguá Formation. (Rodrigues, 1995).....	89
Figure 5-13 Series of Pseudo van Krevelen diagrams for the three subdivisions (A, B & C) of the Pimenteiras Formation.....	90
Figure 5-14 Pseudo van Krevelen diagram for the Longá Formation. (Mendes, 2007).....	91

Figure 5-15	Codó Formation well log and lithology depth profile (A), pseudo van Krevelen diagram (B), and organic matter vs. carbonate plot (C) (Rodrigues, 1995).....	92
Figure 5-16	Parnaíba Basin Petroleum Systems Event chart.	93
Figure 5-17	Pimenteiras C member maturity map.....	93
Figure 5-18	QEMSCAN® compositional ternary diagram for the Pimenteiras Formation.....	94
Figure 6-1	Location map of the Recôncavo Basin.	97
Figure 6-2	Detailed stratigraphic chart for the Recôncavo Basin.	98
Figure 6-3	Structural architecture of the Recôncavo Basin. Major structural features are labeled (da Silva et al. 2000).....	99
Figure 6-4	Total Bouguer Anomaly map of the Recôncavo Basin (Destro et al. 2003).	100
Figure 6-5	Generalized northwest to southeast cross section displaying the main sedimentary successions and simplified structural features of the Recôncavo Basin.....	101
Figure 6-6	Structural framework and oil and gas fields of the Recôncavo Basin.	102
Figure 6-7	Isopach map of the Gomo Member of the Candeias Formation.	103
Figure 6-8	TOC vs. depth plot for samples from the Gomo Member of the Candeias Formation.	104
Figure 6-9	Pseudo van Krevelen diagram for samples from the Gomo Member of the Candeias Formation (Balbinot & Kalkreuth, 2010).	105
Figure 6-10	Geochemical well depth profile displaying data from the Gomo Member of the Candeias Formation (Souza, 1999).	106
Figure 6-11	Tmax vs. depth plot for samples from the Gomo Member of the Candeias Formation.....	107
Figure 6-12	Vitrinite reflectance (Ro%) vs. depth plot for samples from the Gomo Member of the Candeias Formation (Balbinot & Kalkreuth, 2010).	108
Figure 6-13	Vitrinite reflectance (Ro%) vs. depth plot for samples from the Gomo Member of the Candeias Formation (Souza, 1999).	109
Figure 7-1	Detailed stratigraphic chart for the Catatumbo Basin.....	113
Figure 7-2	Generalized tectonic evolution schematic for the Catatumbo Basin.	114
Figure 7-3	Generalized west to east structural cross section of the Catatumbo Basin displaying examples of basement involved folds and faulting. (Pedraza & Ramirez, 2011)	114
Figure 7-4	Structure map of the Catatumbo Basin showing important folds and faults within the basin.	115
Figure 7-5	Total Bouguer Anomaly map of Columbia with Catatumbo Basin area highlighted.	116
Figure 7-6	Geochemical data summary diagram for source rock intervals within the Catatumbo Basin.	118
Figure 7-7	EGI TOC histogram for source rock samples in the Catatumbo Basin.....	119
Figure 7-8	Series of isopach maps for Formations of interest within the Catatumbo Basin.	120
Figure 7-9	InGrain™ well log plot of the La Luna Formation in the Cerro Gordo-3 well located in the south-central portion of the Catatumbo Basin.....	121
Figure 7-10	Isopach map of the Cretaceous La Luna Formation in the Catatumbo Basin.	122

Figure 7-11	Log depth profile of the Tibú-2K well located in the north-central portion of the Catatumbo Basin.....	123
Figure 7-12	Log depth profile of the Cerro Gordo-3 well located in the south-central portion of the Catatumbo Basin.	124
Figure 7-13	Log depth profile of the Sardinata Norte-2 (Sardinata 3K) well located in the west-central portion of the Catatumbo Basin.....	125
Figure 7-14	Log depth profile of the Tasajero-1 well located in the southwestern portion of the Catatumbo Basin.....	126
Figure 7-15	Northwest to southeast log section 3–3' created from cored Catatumbo Basin wells.....	127
Figure 7-16	Northwest to southeast log section 2–2' created from cored Catatumbo Basin wells.....	128
Figure 7-17	Northwest to southeast log section 1–1' created from cored Catatumbo Basin wells.....	129
Figure 7-18	Northwest to southeast log section 4–4' created from cored Catatumbo Basin wells.....	130
Figure 7-19	Catatumbo Basin petroleum systems event chart. (Pedraza & Ramirez, 2011).....	132
Figure 7-20	Histogram of Tmax values for source rock samples from the Catatumbo Basin. (EGI)	133
Figure 7-21	Maturation pathway crossplot of samples from the Catatumbo Basin. (EGI)	134
Figure 7-22	Maximum S1 (free petroleum) data from La Luna Formation samples in the Catatumbo Basin. (EGI).....	135
Figure 7-23	Average Hydrogen Index (HI) values from La Luna Formation samples in the Catatumbo Basin. (EGI).....	136
Figure 7-24	Maximum Hydrogen Index (HI) values from La Luna Formation samples in the Catatumbo Basin. (EGI).....	137
Figure 7-25	Average Tmax values from La Luna Formation samples in the Catatumbo Basin. (EGI).....	138
Figure 7-26	Maximum S1 (free petroleum) data from undifferentiated Cretaceous samples in the Catatumbo Basin. (EGI)	139
Figure 7-27	Average Hydrogen Index (HI) values from undifferentiated Cretaceous samples in the Catatumbo Basin. (EGI)	140
Figure 7-28	Maximum Hydrogen Index (HI) values from undifferentiated Cretaceous samples in the Catatumbo Basin. (EGI)	141
Figure 7-29	Average Tmax values from undifferentiated Cretaceous samples in the Catatumbo Basin. (EGI)	142
Figure 8-1	Detailed stratigraphic chart for the César Sub-basin. (Mesa & Rangifo, 2011)	145
Figure 8-2	Detailed stratigraphic chart for the Ranchería Sub-basin. (Mesa & Rangifo, 2011)	146
Figure 8-3	Map of the César-Ranchería Basin displaying basic structural elements.	147
Figure 8-4	Structure map of the César-Ranchería Basin. (Mesa & Rangifo, 2011)	148
Figure 8-5	First derivative of the Bouguer Anomaly map for the César-Ranchería Basin.....	149
Figure 8-6	Total Magnetic Intensity map of the César-Ranchería Basin. (Mesa & Rangifo, 2011).....	150
Figure 8-7	Tectonic Evolution Model for the César-Ranchería Basin. (Mesa & Rangifo, 2011)	151
Figure 8-8	Explanation of Tectonic Evolution Model (Figure 8-7). (Mesa & Rangifo, 2011)	151

Figure 8-9	Location of César-Ranchería Basin exploration wells.	152
Figure 8-10	Seismic sections displaying the El Paso-1 and El Paso-2 wells, and the El Paso-3 and Los Venados-1 projected well locations. (Mesa & Rangifo, 2011).....	153
Figure 8-11	Seismic sections displaying the Cesar H-1X, Compae-1, and El Paso-3 projected well locations. (Mesa & Rangifo, 2011)	154
Figure 8-12	Seismic sections displaying the Río Maracas-1, Cesar F-1X, El Molino-1, El Molino-1X, and Mochila-1 projected well locations. (Mesa & Rangifo, 2011)	155
Figure 8-13	Unfiltered TOC histogram for source rock samples in the César-Ranchería Basin.	157
Figure 8-14	Detailed zoom-in of TOC histogram from Figure 8-13. (EGI).....	158
Figure 8-15	TOC histogram for source rock samples in the César-Ranchería Basin.	159
Figure 8-16	Detailed zoom-in of TOC histogram from Figure 8-15. (EGI).....	160
Figure 8-17	Formation summary diagram for the César Sub-basin. (Mesa & Rangifo, 2011)	161
Figure 8-18	Formation summary diagram for the Ranchería Sub-basin. (Mesa & Rangifo, 2011)	162
Figure 8-19	Geochemical data summary diagram for the Aguas Blancas, La Luna, Molino and Los Cuervos Formations in the César-Ranchería Basin. (Mesa & Rangifo, 2011).....	163
Figure 8-20	Pseudo van Krevelen diagram for samples from the César-Ranchería Basin. (EGI)	164
Figure 8-21	Published Pseudo van Krevelen diagram for samples from the César Sub-basin.	165
Figure 8-22	César Basin Petroleum Systems Event chart. (Mesa & Rangifo, 2011)	166
Figure 8-23	Ranchería Basin Petroleum Systems Event chart. (Mesa & Rangifo, 2011)	167
Figure 8-24	Maturation histogram for source rocks samples from the César-Ranchería Basin. (EGI).....	168
Figure 8-25	Maturation pathway crossplot from samples in the César-Ranchería Basin. (EGI)	168
Figure 8-26	Average TOC map for the Aguas Blancas Formation in the César-Ranchería Basin. (EGI).....	169
Figure 8-27	Maximum S1 (free petroleum) data from Aguas Blancas Formation samples in the César-Ranchería Basin. (EGI).....	170
Figure 8-28	Average Hydrogen Index (HI) values from Aguas Blancas Formation samples in the César-Ranchería Basin. (EGI).....	171
Figure 8-29	Maximum Hydrogen Index (HI) values from Aguas Blancas Formation samples in the César-Ranchería Basin. (EGI)	172
Figure 8-30	Average Tmax values from Aguas Blancas Formation samples in the César-Ranchería Basin. (EGI)	173
Figure 8-31	Average TOC map for the La Luna Formation in the César-Ranchería Basin. (EGI).....	174
Figure 8-32	Maximum S1 (free petroleum) data from La Luna Formation samples in the César-Ranchería Basin. (EGI).....	175
Figure 8-33	Average Hydrogen Index (HI) values from La Luna Formation samples in the César-Ranchería Basin. (EGI)	176
Figure 8-34	Maximum Hydrogen Index (HI) values from La Luna Formation samples in the César-Ranchería Basin. (EGI)	177
Figure 8-35	Average Tmax values from La Luna Formation samples in the César-Ranchería Basin. (EGI).....	178

Figure 8-36	Average TOC map for the Molino Formation in the César-Ranchería Basin. (EGI)	179
Figure 8-37	Maximum S1 (free petroleum) data from Molino Formation samples in the César-Ranchería Basin. (EGI).....	180
Figure 8-38	Average Hydrogen Index (HI) values from Molino Formation samples in the César-Ranchería Basin. (EGI)	181
Figure 8-39	Maximum Hydrogen Index (HI) values from Molino Formation samples in the César-Ranchería Basin. (EGI)	182
Figure 8-40	Average Tmax values from Molino Formation samples in the César-Ranchería Basin. (EGI).....	183
Figure 8-41	TOC, Carbonate, Hydrogen Index, and Oxygen Index geochemical data profiles for Cretaceous source intervals. Well: Compae-1, Interval: 0–6000 ft. (EGI)	184
Figure 8-42	Tmax, S2, S1, Oil Saturation Index, and Production Index geochemical data profiles for Cretaceous source intervals. Well: Compae-1, Interval: 0–6000 ft. (EGI)	185
Figure 8-43	Ternary diagram for samples from the Cogollo Group (Lagunitas and Aguas Blancas Formations) in the César-Ranchería Basin. (EGI).....	187
Figure 8-44	TOC vs. Mineralogy cross plot for samples from the Cogollo Group (Lagunitas and Aguas Blancas Formations) in the César-Ranchería Basin. (EGI)	188
Figure 8-45	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Cogollo Group (Lagunitas and Aguas Blancas Formations) in the César-Ranchería Basin. (EGI)	189
Figure 8-46	Production Index (PI) vs. Mineralogy cross plot for samples from the Cogollo Group (Lagunitas and Aguas Blancas Formations) in the César-Ranchería Basin. (EGI)	190
Figure 8-47	Ternary diagram for samples from the La Luna Formation in the César-Ranchería Basin. (EGI) ..	191
Figure 8-48	TOC vs. Mineralogy cross plot for samples from the La Luna Formation in the César-Ranchería Basin. (EGI).....	192
Figure 8-49	S1 (free petroleum) vs. Mineralogy cross plot for samples from the La Luna Formation in the César-Ranchería Basin. (EGI).....	193
Figure 8-50	Production Index (PI) vs. Mineralogy cross plot for samples from the La Luna Formation in the César-Ranchería Basin. (EGI).....	194
Figure 8-51	Ternary diagram for samples from the Molino Formation in the César-Ranchería Basin. (EGI) ...	195
Figure 8-52	TOC vs. Mineralogy cross plot for samples from the Molino Formation in the César-Ranchería Basin. (EGI)	196
Figure 8-53	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Molino Formation in the César-Ranchería Basin. (EGI)	197
Figure 8-54	Production Index (PI) vs. Mineralogy cross plot for samples from the Molino Formation in the César-Ranchería Basin. (EGI)	198
Figure 8-55	Ternary diagram for samples from the Barco Formation in the César-Ranchería Basin. (EGI).....	199
Figure 8-56	TOC vs. Mineralogy cross plot for samples from the Barco Formation in the César-Ranchería Basin. (EGI).....	200
Figure 8-57	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Barco Formation in the César-Ranchería Basin. (EGI).....	201

Figure 8-58	Production Index (PI) vs. Mineralogy cross plot for samples from the Barco Formation in the César-Ranchería Basin. (EGI)	202
Figure 8-59	Ternary diagram for samples from the Los Cuervos Formation in the César-Ranchería Basin. (EGI)	203
Figure 8-60	TOC vs. Mineralogy cross plot for samples from the Los Cuervos Formation in the César-Ranchería Basin. (EGI)	204
Figure 8-61	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Los Cuervos Formation in the César-Ranchería Basin. (EGI)	205
Figure 8-62	Production Index (PI) vs. Mineralogy cross plot for samples from the Los Cuervos Formation in the César-Ranchería Basin. (EGI)	206
Figure 8-63	Ternary diagram for samples from the Tertiary Coals Formation in the César-Ranchería Basin. (EGI)	207
Figure 8-64	TOC vs. Mineralogy cross plot for samples from the Tertiary Coals Formation in the César-Ranchería Basin. (EGI)	208
Figure 8-65	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Tertiary Coals Formation in the César-Ranchería Basin. (EGI)	209
Figure 8-66	Production Index (PI) vs. Mineralogy cross plot for samples from the Tertiary Coals Formation in the César-Ranchería Basin. (EGI)	210
Figure 9-1	A and B: Location Map and Geologic Map of Eastern Cordillera	213
Figure 9-2	Structural domains of the Eastern Cordillera Basin. (Sarmiento, 2011)	214
Figure 9-3	Geologic map of the Eastern Cordillera Basin displaying its complex structure and stratigraphy. (Sarmiento, 2011)	215
Figure 9-4	Legend for geologic map in figure 9-3. (Sarmiento, 2011)	216
Figure 9-5	Bouguer Anomaly map of the Eastern Cordillera Basin. (Sarmiento, 2011)	217
Figure 9-6	Tectonic evolution diagram of the Eastern Cordillera Basin. (Sarmiento, 2011)	218
Figure 9-7	Schematic cross-section of the Eastern Cordillera Basin displaying basin tectonic evolution since the Mesozoic (Jurassic). (Sarmiento, 2011)	219
Figure 9-8	Stratigraphic chart for the Eastern Cordillera, and Llanos Basins. (Horton et al. 2010a)	220
Figure 9-9	Regional stratigraphic Wheeler diagram of the Middle Magdalena, Eastern Cordillera, and Llanos Basins	221
Figure 9-10	Bar chart displaying exploration history of the Eastern Cordillera Basin	222
Figure 9-11	Detailed northwest–southeast regional stratigraphic relationship chart	223
Figure 9-12	Figure 9-12 Detailed stratigraphic correlation chart for all major basins of Colombia. (Ceron, 2011)	224
Figure 9-13	Geochemical data summary diagram for the Jurassic–Cretaceous Tibasosa, and the Cretaceous Chipaque and Guaduas Formations in the Eastern Cordillera Basin. (Sarmiento, 2011a)	224
Figure 9-14	Unfiltered TOC histogram for source rock samples in the Eastern Cordillera Basin. (EGI)	225
Figure 9-15	Expanded view of TOC histogram from Figure 9-13. (EGI)	225
Figure 9-16	TOC histogram for source rock samples in the Eastern Cordillera Basin. (EGI)	226

Figure 9-17 Published Pseudo van Krevelen diagram for samples from the Eastern Cordillera Basin..... 229

Figure 9-18 Eastern Cordillera Petroleum Systems Event chart. (Sarmiento, 2011) 231

Figure 9-19 Tmax vs. Hydrogen Index (HI) diagram for the Cretaceous of the Eastern Cordillera Basin (Sarmiento, 2011a) 232

Figure 9-20 East to west simplified regional cross section of the Middle Magdalena and Eastern Cordillera Basins. 233

Figure 9-21 Maturation histogram for source rock samples from the Eastern Cordillera Basin. (EGI) 234

Figure 9-22 Regional stratigraphic Wheeler diagram from Figure 9-9 of the Middle Magdalena, Eastern Cordillera, and Llanos Basins. 235

Figure 9-23 Present day thermal maturity maps for the Paja-Tablazo (Tibasosa) and La Luna (Chipaque) Formations in the Eastern Cordillera Basin. (Sarmiento, 2011a) 236

Figure 9-24 Average TOC map for the Villeta (Chipaque) Formation in the Eastern Cordillera Basin. (EGI) 237

Figure 9-25 Maximum S1 (free petroleum) data from Villeta (Chipaque) Formation samples in the César-Ranchería Basin. (EGI) 238

Figure 9-26 Average Hydrogen Index (HI) values from Villeta (Chipaque) Formation samples in the Eastern Cordillera Basin. (EGI)..... 239

Figure 9-27 Maximum Hydrogen Index (HI) values from Villeta (Chipaque) Formation samples in the Eastern Cordillera Basin. (EGI)..... 240

Figure 9-28 Average Tmax values from Villeta (Chipaque) Formation samples in the Eastern Cordillera Basin. (EGI)..... 241

Figure 9-29 Ternary diagram for samples from the Macanal Formation in the Eastern Cordillera Basin. (EGI)243

Figure 9-30 TOC vs. Mineralogy cross plot for samples from the Macanal Formation in the Eastern Cordillera Basin. (EGI) 244

Figure 9-31 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Macanal Formation in the Eastern Cordillera Basin. (EGI)..... 245

Figure 9-32 Production Index (PI) vs. Mineralogy cross plot for samples from the Macanal Formation in the Eastern Cordillera Basin. (EGI) 246

Figure 9-33 Ternary diagram for samples from the Paja (Tibasosa) Formation in the Eastern Cordillera Basin. (EGI)..... 247

Figure 9-34 TOC vs. Mineralogy cross plot for samples from the Paja (Tibasosa) Formation in the Eastern Cordillera Basin. (EGI)..... 248

Figure 9-35 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Paja (Tibasosa) Formation in the Eastern Cordillera Basin. (EGI) 249

Figure 9-36 Production Index (PI) vs. Mineralogy cross plot for samples from the Paja (Tibasosa) Formation in the Eastern Cordillera Basin. (EGI) 250

Figure 9-37 Ternary diagram for samples from the Simiti (Hilo) Formation in the Eastern Cordillera Basin. (EGI) 251

Figure 9-38 TOC vs. Mineralogy cross plot for samples from the Simiti (Hilo) Formation in the Eastern Cordillera Basin. (EGI)..... 252

Figure 9-39 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Simiti (Hilo) Formation in the Eastern Cordillera Basin. (EGI)..... 253

Figure 9-40	Production Index (PI) vs. Mineralogy cross plot for samples from the Simiti (Hilo) Formation in the Eastern Cordillera Basin. (EGI)	254
Figure 9-41	Ternary diagram for samples from the Hilo (Simiti) Formation in the Eastern Cordillera Basin. (EGI) 255	
Figure 9-42	TOC vs. Mineralogy cross plot for samples from the Hilo (Simiti) Formation in the Eastern Cordillera Basin. (EGI).....	256
Figure 9-43	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Hilo (Simiti) Formation in the Eastern Cordillera Basin. (EGI).....	257
Figure 9-44	Production Index (PI) vs. Mineralogy cross plot for samples from the Hilo (Simiti) Formation in the Eastern Cordillera Basin. (EGI).....	258
Figure 9-45	TOC vs. Mineralogy cross plot for samples from the Une Formation in the Eastern Cordillera Basin. (EGI).....	259
Figure 9-46	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Hilo (Simiti) Formation in the Eastern Cordillera Basin. (EGI).....	260
Figure 9-47	Production Index (PI) vs. Mineralogy cross plot for samples from the Hilo (Simiti) Formation in the Eastern Cordillera Basin. (EGI)	261
Figure 9-48	TOC vs. Mineralogy cross plot for samples from the Chipaque Formation in the Eastern Cordillera Basin. (EGI)	262
Figure 9-49	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Chipaque Formation in the Eastern Cordillera Basin. (EGI)	263
Figure 9-50	Production Index (PI) vs. Mineralogy cross plot for samples from the Chipaque Formation in the Eastern Cordillera Basin. (EGI).....	264
Figure 9-51	Ternary diagram for samples from the La Luna Formation in the Eastern Cordillera Basin. (EGI) 265	
Figure 9-52	TOC vs. Mineralogy cross plot for samples from the La Luna Formation in the Eastern Cordillera Basin. (EGI)	266
Figure 9-53	S1 (free petroleum) vs. Mineralogy cross plot for samples from the La Luna Formation in the Eastern Cordillera Basin. (EGI).....	267
Figure 9-54	Production Index (PI) vs. Mineralogy cross plot for samples from the La Luna Formation in the Eastern Cordillera Basin. (EGI).....	268
Figure 9-55	TOC vs. Mineralogy cross plot for samples from the Mirador Formation in the Eastern Cordillera Basin. (EGI).....	269
Figure 9-56	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Mirador Formation in the Eastern Cordillera Basin. (EGI).....	270
Figure 9-57	Production Index (PI) vs. Mineralogy cross plot for samples from the Mirador Formation in the Eastern Cordillera Basin. (EGI)	271
Figure 10-1	Location map of northwestern South America showing the Llanos Basin relative to the Eastern Cordillera, Guyana Shield, and Barinas Basin. (Cooper et al. 1995b)	275
Figure 10-2	Tectonic evolution diagram of the Llanos Basin. (Sarmiento, 2011b)	276
Figure 10-3	Schematic cross-sections through the Llanos Basin displaying basin tectonic evolution since the Mesozoic (Jurassic). (Sarmiento, 2011b).....	277
Figure 10-4	Sequential cross-sectional restoration of the structurally complex eastern (foothills) portion of the Llanos Basin. (Sarmiento, 2011b)	278

Figure 10-5	Structural northwest–southeast schematic cross-section through the Llanos Basin illustrating tectonic inheritance and reactivation. (Sarmiento, 2011b)	279
Figure 10-6	West–east schematic cross-section through the Llanos Basin. (Sarmiento, 2011b).....	280
Figure 10-7	Structural domains of the Llanos Basin. (Sarmiento, 2011b)	280
Figure 10-8	Stratigraphic chart for the Eastern Cordillera, and Llanos Basins. (Horton et al. 2010a).....	281
Figure 10-9	Northwest–southeast regional stratigraphic Wheeler diagram of the Middle Magdalena, Eastern Cordillera, and Llanos Basins. (Sarmiento, 2011b)	282
Figure 10-10	Bar chart displaying exploration history of the Llanos Basin. (Sarmiento, 2011b).....	282
Figure 10-11	Geochemical data summary diagram for the Cretaceous Gachetá, the Paleocene, and the Neogene Carbonera Formations in the Llanos Basin. (Sarmiento, 2011b).....	285
Figure 10-12	Unfiltered TOC histogram for source rock samples in the Llanos Basin. Data categorized as Unknown are samples from wells with no known formation tops. (EGI)	286
Figure 10-13	TOC histogram for source rock samples in the Llanos Basin.	287
Figure 10-14	Isochore map of the Une Formation in the Llanos Basin. (Sarmiento, 2011b).....	287
Figure 10-15	Isochore map of the Gachetá Formation in the Llanos Basin. (Sarmiento, 2011b)	288
Figure 10-16	Isochore map of the Guadalupe Formation in the Llanos Basin. (Sarmiento, 2011b).....	289
Figure 10-17	Isochore map of the Barco and Los Cuervos Formations in the Llanos Basin. (Sarmiento, 2011b).....	290
Figure 10-18	Isochore map of the Mirador Formation in the Llanos Basin. (Sarmiento, 2011b).....	291
Figure 10-19	Isochore map of the Carbonera Formation in the Llanos Basin. (Sarmiento, 2011b).....	292
Figure 10-20	Isochore map of the Leon Formation in the Llanos Basin. (Sarmiento, 2011b).....	293
Figure 10-21	Published Pseudo van Krevelen diagram for samples from the Llanos Basin.....	294
Figure 10-22	Eastern Llanos Basin Petroleum Systems Event chart. (Sarmiento, 2011b)	295
Figure 10-23	Hydrogen Index (HI) vs. Tmax diagram for potential source rock intervals in the Eastern Llanos Basin. (Sarmiento, 2011b)	296
Figure 10-24	Maturation histogram for source rock samples from the Llanos Basin. (EGI).....	297
Figure 10-25	Geochemical and pyrolysis analysis data for source rock units in the Llanos Basin. (Sarmiento, 2011b)	297
Figure 10-26	Regional stratigraphic Wheeler diagram from Figure 10-9 of the Middle Magdalena, Eastern Cordillera, and Llanos Basins	298
Figure 10-27	Average TOC map for the Gachetá Formation in the Llanos Basin. (EGI).....	299
Figure 10-28	Maximum S1 (free petroleum) data from Gachetá Formation samples in the Llanos Basin. (EGI) ...	300
Figure 10-29	Average Hydrogen Index (HI) values from Gachetá Formation samples in the Llanos Basin. (EGI) .	301
Figure 10-30	Maximum Hydrogen Index (HI) values from Gachetá Formation samples in the Llanos Basin. (EGI)	302
Figure 10-31	Average Tmax values from Gachetá Formation samples in the Llanos Basin. (EGI)	303

Figure 10-32 Average TOC map for the Mirador Formation in the Llanos Basin. (EGI)..... 304

Figure 10-33 Maximum S1 (free petroleum) data from Mirador Formation samples in the Llanos Basin. (EGI)... 305

Figure 10-34 Average Hydrogen Index (HI) values from Mirador Formation samples in the Llanos Basin. (EGI).. 306

Figure 10-35 Maximum Hydrogen Index (HI) values from Mirador Formation samples in the Llanos Basin. (EGI) 307

Figure 10-36 Average Tmax values from Mirador Formation samples in the Llanos Basin. (EGI)..... 308

Figure 10-37 Average TOC map for the Carbonera Formation in the Llanos Basin. (EGI) 309

Figure 10-38 Maximum S1 (free petroleum) data from Carbonera Formation samples in the Llanos Basin. (EGI) 310

Figure 10-39 Average Hydrogen Index (HI) values from Carbonera Formation samples in the Llanos Basin. (EGI)..... 311

Figure 10-40 Maximum Hydrogen Index (HI) values from Carbonera Formation samples in the Llanos Basin. (EGI)..... 312

Figure 10-41 Average Tmax values from Carbonera Formation samples in the Llanos Basin. (EGI)..... 313

Figure 10-42 Ternary diagram for samples from the Gachetá Formation in the Llanos Basin. (EGI) 314

Figure 10-43 TOC vs. Mineralogy cross plot for samples from the Gachetá Formation in the Llanos Basin. (EGI) 315

Figure 10-44 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Gachetá Formation in the Llanos Basin. (EGI) 316

Figure 10-45 Production Index (PI) vs. Mineralogy cross plot for samples from the Gachetá Formation in the Llanos Basin. (EGI) 317

Figure 10-46 Ternary diagram for samples from the Mirador Formation in the Llanos Basin. (EGI)..... 318

Figure 10-47 TOC vs. Mineralogy cross plot for samples from the Mirador Formation in the Llanos Basin. (EGI). 318

Figure 10-48 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Mirador Formation in the Llanos Basin. (EGI) 319

Figure 10-49 Production Index (PI) vs. Mineralogy cross plot for samples from the Mirador Formation in the Llanos Basin. (EGI) 320

Figure 10-50 Ternary diagram for samples from the Guayabo Formation in the Llanos Basin. (EGI)..... 321

Figure 10-51 TOC vs. Mineralogy cross plot for samples from the Guayabo Formation in the Llanos Basin. (EGI) 321

Figure 10-52 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Guayabo Formation in the Llanos Basin. (EGI) 322

Figure 10-53 Production Index (PI) vs. Mineralogy cross plot for samples from the Guayabo Formation in the Llanos Basin. (EGI) 323

Figure 11-1 Location map of northwestern South America showing the Lower Magdalena Basin (LMV) relative to the surrounding geologic features. 327

Figure 11-2	Color coded Pre-Tertiary basement structure map drawn on a two-way seismic time slice. (Arminio et al. 2011).....	328
Figure 11-3	Bouguer Anomaly map for the Lower Magdalena Basin displaying the San Jorge and Plato sub-basins. (Arminio et al. 2011).....	329
Figure 11-4	Stratigraphic chart for the Lower Magdalena Basin with lithology, source rock, reservoir, and hydrocarbon information. (Arminio et al. 2011).....	330
Figure 11-5	Regional west–east stratigraphic Wheeler diagram of the Lower Magdalena Basin. (Arminio et al. 2011).....	331
Figure 11-6	Geochemical data summary diagram for the Ciénaga de Oro, Porquero, and other undetermined Cenozoic Formations in the Lower Magdalena Basin. (Arminio et al. 2011).....	333
Figure 11-7	Unfiltered TOC histogram for source rock samples from the Lower Magdalena Basin. (EGI).....	334
Figure 11-8	TOC histogram for source rock samples from the Lower Magdalena Basin. (EGI).....	335
Figure 11-9	Modified Pseudo van Krevelen diagram for samples from the Lower Magdalena Basin. (Arminio et al. 2011).....	336
Figure 11-10	Maturation histogram for source rock samples from the Lower Magdalena Basin. (EGI).....	337
Figure 11-11	Lower Magdalena Basin Petroleum Systems Event chart. (Arminio et al. 2011).....	338
Figure 11-12	Hydrogen Index (HI) vs. Tmax diagram for potential source rock intervals in the Lower Magdalena Basin. (Arminio et al. 2011).....	339
Figure 12-1	Location map of northwestern South America showing the Sinú-San Jacinto Basin relative to the surrounding geologic features. (Aguilera & Castillo, 2011).....	343
Figure 12-2	Location map displaying the location of drilled wells (blue dots) and seismic lines (red lines) in the Sinú-San Jacinto Basin. (Aguilera, 2011).....	344
Figure 12-3	Structural northwest–southeast schematic cross-section through the Sinú-San Jacinto and San Jorge Basins illustrating the major tectonic features of the Colombian Caribbean plate margin. (Mantilla-Pimiento et al. 2009).....	345
Figure 12-4	Detailed northwest–southeast schematic cross-section through the structurally complex Sinú-San Jacinto Basin accretionary prism. (Aguilera & Castillo, 2011).....	345
Figure 12-5	Map of geologic/tectonic provinces of the Sinú-San Jacinto Basin. (Aguilera, 2011).....	346
Figure 12-6	Northwest–southeast stratigraphic relationship chart for the Sinú-San Jacinto Basin. (Aguilera & Castillo, 2011).....	347
Figure 12-7	Southwest–northeast stratigraphic relationship chart for the Sinú-San Jacinto Basin and key hydrocarbon events. (Sánchez & Permanyer, 2006).....	348
Figure 12-8	Sinú Fold Belt geochemical data summary diagram for the Paleogene Maralú and Neogene Floresanto Formations in the Sinú-San Jacinto Basin. (Aguilera, 2011).....	349
Figure 12-9	San Jacinto Fault Belt geochemical data summary diagram for the upper Cretaceous Cansona, the Paleocene Ciénaga de Oro, and Neogene Porquero Formations in the Sinú-San Jacinto Basin. (Aguilera, 2011).....	350
Figure 12-10	Unfiltered TOC histogram for source rock samples in the Sinú-San Jacinto Basin. (EGI).....	351
Figure 12-11	TOC histogram for source rock samples in the Sinú-San Jacinto Basin.	352
Figure 12-12	Published Pseudo van Krevelen diagram of geochemical data collected from ditch samples in the Sinú-San Jacinto Basin. (Aguilera et al. 2012).....	355

Figure 12-13 Sinú Fold Belt Petroleum Systems Event chart. (Aguilera, 2011)	356
Figure 12-14 San Jacinto Fault Belt Petroleum Systems Event chart. (Aguilera, 2011)	357
Figure 12-15 Maturation histogram for source rock samples from the Sinú-San Jacinto Basin. (EGI).....	358
Figure 13-1 Map of northwestern South America showing the location of the Upper Magdalena Basin, the Natagaima-Patá High, and the Girardot and Neiva Sub-Basins. (Sarmiento & Rangel, 2011).....	361
Figure 13-2 Map displaying location of the detailed structural cross sections in Figures 13-3 through Figure 13-8. (Sarmiento & Rangel, 2011).....	362
Figure 13-3 Structural cross section A–A'. (Sarmiento & Rangel, 2011).....	363
Figure 13-4 Structural cross section B–B'. (Sarmiento & Rangel, 2011)	364
Figure 13-5 Structural cross section C–C'. (Sarmiento & Rangel, 2011)	365
Figure 13-6 Structural cross section D–D'. (Sarmiento & Rangel, 2011).....	366
Figure 13-7 Structural cross section E–E'. (Sarmiento & Rangel, 2011)	367
Figure 13-8 Generalized stratigraphic chart for the Girardot Sub-basin. (Roncancio & Martínez, 2011)	368
Figure 13-9 Generalized stratigraphic chart for the Neiva Sub-Basins. (Roncancio & Martínez, 2011).....	369
Figure 13-10 Regional stratigraphic Wheeler diagram of the Upper Magdalena (Neiva and Girardot Sub-Basins) and Eastern Cordillera Basins. (Roncancio & Martínez, 2011)	370
Figure 13-11 Detailed stratigraphic correlation chart for all major basins of Colombia. (Ceron, 2011).....	371
Figure 13-12 Geochemical data summary diagram for the Cretaceous Caballos Formation and Villeta Group in the Upper Magdalena Basin. (Roncancio & Martínez, 2011).....	372
Figure 13-13 Unfiltered TOC histogram for source rock samples from the Upper Magdalena Basin. (EGI).....	373
Figure 13-14 TOC histogram for source rock samples from the Upper Magdalena Basin. (EGI).....	374
Figure 13-15 Modified Pseudo van Krevelen diagram for samples from the Upper Magdalena Basin. (Roncancio & Martínez, 2011).....	375
Figure 13-16 Maturation histogram for source rock samples from the Upper Magdalena Basin. (EGI).....	377
Figure 13-17 Hydrogen Index (HI) vs. Tmax diagram for potential source rock intervals in the Upper Magdalena Basin. (Roncancio & Martínez, 2011)	378
Figure 13-18 Upper Magdalena Basin Petroleum Systems Event chart. (Roncancio & Martínez, 2011).....	379
Figure 13-19 Average TOC map for the Caballos Formation in the Upper Magdalena Basin. (EGI)	380
Figure 13-20 Maximum S1 (free petroleum) data from Caballos Formation samples in the Upper Magdalena Basin. (EGI)	381
Figure 13-21 Average Hydrogen Index (HI) values from Caballos Formation samples in the Upper Magdalena Basin. (EGI)	382
Figure 13-22 Maximum Hydrogen Index (HI) values from Caballos Formation samples in the Upper Magdalena Basin. (EGI)	383
Figure 13-23 Average Tmax values from Caballos Formation samples in the Upper Magdalena Basin. (EGI)	384
Figure 13-24 Average TOC map for the Villeta Group in the Upper Magdalena Basin. (EGI)	385
Figure 13-25 Maximum S1 (free petroleum) data from Villeta Group samples in the Upper Magdalena Basin. (EGI).....	386

Figure 13-26 Average Hydrogen Index (HI) values from Villeta Group samples in the Upper Magdalena Basin. (EGI)..... 387

Figure 13-27 Maximum Hydrogen Index (HI) values from Villeta Group samples in the Upper Magdalena Basin. (EGI)..... 388

Figure 13-28 Average Tmax values from Villeta Group samples in the Upper Magdalena Basin. (EGI) 389

Figure 13-29 Ternary diagram for samples from the Caballos Formation in the Upper Magdalena Basin. (EGI) .. 390

Figure 13-30 TOC vs. Mineralogy cross plot for samples from the Caballos Formation in the Upper Magdalena Basin. (EGI) 391

Figure 13-31 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Caballos Formation in the Upper Magdalena Basin. (EGI)..... 392

Figure 13-32 : Production Index (PI) vs. Mineralogy cross plot for samples from the Caballos Formation in the Upper Magdalena Basin. (EGI)..... 393

Figure 14-1 Location map of the greater Chaco Basin and the Pirty Sub-basin, Paraguay. (modified from Rigzone 2015) 397

Figure 14-2 Map of proven oil and gas fields in Bolivia and Argentina, and untested prospects in the Pirty Sub-basin. (President Energy PLC, 2014)..... 398

Figure 14-3 Map showing the location of wildcat wells drilled by company along with their associated hydrocarbon shows. (President Energy PLC, 2014) 399

Figure 14-4 Schematic northwest to southeast structural and stratigraphic cross section across the Pirty Graben (Basin). (GeoExPro, 2017)..... 400

Figure 14-5 Expanded schematic northwest to southeast structural and stratigraphic cross section from the Andean Cordillera through the Pirty Sub-basin. (GeoExPro, 2017) 401

Figure 14-6 Bouguer Anomaly map of Paraguay. (President, 2012) 402

Figure 14-7 Generalized stratigraphic chart for southern Bolivia, northwestern Argentina, and western Paraguay..... 403

Figure 14-8 Detailed stratigraphic charts for potential Paleozoic and Cretaceous petroleum systems in the Pirty Sub-basin..... 404

Figure 14-9 Schematic cross section illustrating the Paleozoic stratigraphic section in the Pirty Sub-basin. (RPS, 2014a)..... 405

Figure 14-10 The Devonian Los Monos Formation is interbedded marine shale and siltstone stringers. (President Energy PLC, 2014) 406

Figure 14-11 Jacaranda Well 1 (PE-PY-J x-1) reached the Devonian Los Monos Formation marine shale. (President Energy PLC, 2014) 407

Figure 15-1 Location map of the Paraná and Chaco Basin and Pirty Sub-basin, Paraguay. (Modified from Rigzone 2015) 410

Figure 15-2 Generalized stratigraphic relationship chart for eastern Paraguay and western Brazil. (Amerisur Resources, 2016)..... 411

Figure 15-3 Generalized stratigraphic chart for the Paraná Basin, Paraguay. (Ayme, 2010)..... 412

Figure 16-1 Location map of the Norte Basin, Uruguay. (ANCAP, 2010)..... 415

Figure 16-2	Tectono-sedimentary evolution and petroleum systems diagram of the Norte Basin, Uruguay. (ANCAP, 2010).....	416
Figure 16-3	Total Bouguer Anomaly map of the Norte Basin, Uruguay. (ANCAP, 2010)	417
Figure 16-4	Detailed west-northwest to east-southeast stratigraphic chart for the Norte Basin, Uruguay. (ANCAP, 2010).....	418
Figure 16-5	Generalized northwest to southeast depositional environments diagram for the Norte Basin, Uruguay. (ANCAP, 2010).....	419
Figure 16-6	Source rock data summary for the Cordobés, Cerro Pelado, Fraile Muerto, and Mangrullo Formations in the Norte Basin. (ANCAP, 2010)	420
Figure 16-7	Modified Pseudo van Krevelen diagram for samples from the Cordobés, Ponta Grossa, and Los Monos Formations in Norte Basin, Uruguay. (de Santa Ana et al., 2011).....	421
Figure 16-8	Modified Pseudo van Krevelen diagram for samples from the Mangrullo Formation in Norte Basin, Uruguay. (de Santa Ana et al., 2011)	422
Figure 17-1	Location map of the greater Santa Lucía Basin, Uruguay. (ANCAP, 2010).....	425
Figure 17-2	Tectono-sedimentary evolution and petroleum systems diagram of the Santa Lucía Basin, Uruguay. (ANCAP, 2010).....	426
Figure 17-3	North to south regional seismic line across the central Santa Lucía Basin displaying basin internal structure.	427
Figure 17-4	Generalized stratigraphic chart for the Santa Lucía Basin, Uruguay. (ANCAP, 2010)	428
Figure 17-5	Early Cretaceous Castellanos Formation summary diagram. (ANCAP, 2010).....	429
Figure 18-1	Generalized stratigraphic chart for the Neuquén Basin. (Stinco & Mosquera, 2003).....	433
Figure 18-2	Jurassic Los Molles Formation summary diagram.....	434
Figure 18-3	Late Jurassic – Early Cretaceous Vaca Muerta Formation summary diagram.....	435
Figure 18-4	Cretaceous Agrio (Inferior) Formation summary diagram.	436
Figure 18-5	Cretaceous Agrio (Superior) Formation summary diagram.....	437
Figure 18-6	Maturation histogram for source rock samples from the Neuquén Basin. (EGI).....	438
Figure 18-7	Ternary diagram for samples from the Los Molles Formation in the Neuquén Basin. (EGI)	439
Figure 18-8	TOC vs. Mineralogy cross plot for samples from the Los Molles Formation in the Neuquén Basin. (EGI).....	440
Figure 18-9	S1 (free petroleum) vs. Mineralogy cross plot for samples from the Los Molles Formation in the Neuquén Basin. (EGI)	441
Figure 18-10	: Production Index (PI) vs. Mineralogy cross plot for samples from the Los Molles Formation in the Neuquén Basin. (EGI)	442
Figure 18-11	Ternary diagram for samples from the Vaca Muerta Formation in the Neuquén Basin. (EGI).....	442
Figure 18-12	Ternary diagram for samples from the Agrio Formation in the Neuquén Basin. (EGI).....	443
Figure 19-1	Detailed stratigraphic chart for the San Jorge Basin. (Sylwan, 2001)	447
Figure 19-2	Maturation histogram for source rock samples from the San Jorge Basin. (EGI).....	448
Figure 19-3	Ternary diagram for samples from the Aguada Bandera Formation in the San Jorge Basin. (EGI).....	449

Figure 19-4 Ternary diagram for samples from the Cerro Guadal Formation in the San Jorge Basin. (EGI) 450

Figure 19-5 Ternary diagram for samples from the D-129 Formation in the San Jorge Basin. (EGI) 450

Figure 20-1 Northwest to southeast regional stratigraphic Wheeler diagram through the Middle Magdalena, Eastern Cordillera, Llanos Foothills, and Llanos Basins. (Sarmiento, 2011c)..... 453

Figure 20-2 Middle Magdalena Basin Petroleum System Events chart. (Sarmiento, 2011c)..... 454

Figure 20-3 Regional stratigraphic Wheeler diagram of the Middle Magdalena, Eastern Cordillera, Llanos Foothills, and Llanos Foreland..... 455

Figure 20-4 Average TOC map for the Paja Formation in the Middle Magdalena Basin. (EGI) 456

Figure 20-5 Maximum S1 (free petroleum) data from Paja Formation samples in the Middle Magdalena Basin. (EGI)..... 457

Figure 20-6 Average Hydrogen Index (HI) values from Paja Formation samples in the Middle Magdalena Basin. (EGI)..... 458

Figure 20-7 : Maximum Hydrogen Index (HI) values from Paja Formation samples in the Middle Magdalena Basin. (EGI) 459

Figure 20-8 Average Tmax values from Paja Formation samples in the Middle Magdalena Basin. (EGI) 460

Figure 20-9 Average TOC map for the Simiti Formation in the Middle Magdalena Basin. (EGI) 461

Figure 20-10 Maximum S1 (free petroleum) data from Simiti Formation samples in the Middle Magdalena Basin. (EGI) 462

Figure 20-11 Average Hydrogen Index (HI) values from Simiti Formation samples in the Middle Magdalena Basin. (EGI) 463

Figure 20-12 Maximum Hydrogen Index (HI) values from Simiti Formation samples in the Middle Magdalena Basin. (EGI) 464

Figure 20-13 Average Tmax values from Simiti Formation samples in the Middle Magdalena Basin. (EGI).... 465

Figure 20-14 Average TOC map for the La Luna Formation in the Middle Magdalena Basin. (EGI) 466

Figure 20-15 Maximum S1 (free petroleum) data from La Luna Formation samples in the Middle Magdalena Basin. (EGI) 467

Figure 20-16 Average Hydrogen Index (HI) values from La Luna Formation samples in the Middle Magdalena Basin. (EGI) 468

Figure 20-17 Maximum Hydrogen Index (HI) values from La Luna Formation samples in the Middle Magdalena Basin. (EGI) 469

Figure 20-18 Average Tmax values from La Luna Formation samples in the Middle Magdalena Basin. (EGI) 470

Figure 20-19 Ternary diagram for samples from the Rosablanca Formation in the Middle Magdalena Basin. (EGI)..... 472

Figure 20-20 TOC vs. Mineralogy cross plot for samples from the Rosablanca Formation in the Middle Magdalena Basin. (EGI) 473

Figure 20-21 Ternary diagram for samples from the Tablazo Formation in the Middle Magdalena Basin. (EGI)... 474

Figure 20-22 TOC vs. Mineralogy cross plot for samples from the Tablazo Formation in the Middle Magdalena Basin. (EGI) 475

Figure 20-23 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Tablazo Formation in the Middle Magdalena Basin. (EGI) 476

Figure 20-24 Production Index (PI) vs. Mineralogy cross plot for samples from the Tablazo Formation in the Middle Magdalena Basin. (EGI) 477

Figure 20-25 Ternary diagram for samples from the Simiti Formation in the Middle Magdalena Basin. (EGI)478

Figure 20-26 TOC vs. Mineralogy cross plot for samples from the Simiti Formation in the Middle Magdalena Basin. (EGI) 479

Figure 20-27 S1 (free petroleum) vs. Mineralogy cross plot for samples from the Simiti Formation in the Middle Magdalena Basin. (EGI) 480

Figure 20-28 Ternary diagram for samples from the La Luna Formation in the Middle Magdalena Basin. (EGI) .. 481

Figure 20-29 TOC vs. Mineralogy cross plot for samples from the La Luna Formation in the Middle Magdalena Basin. (EGI) 482

Figure 20-30 S1 (free petroleum) vs. Mineralogy cross plot for samples from the La Luna Formation in the Middle Magdalena Basin. (EGI) 483

Figure 20-31 Production Index (PI) vs. Mineralogy cross plot for samples from the La Luna Formation in the Middle Magdalena Basin. (EGI) 484