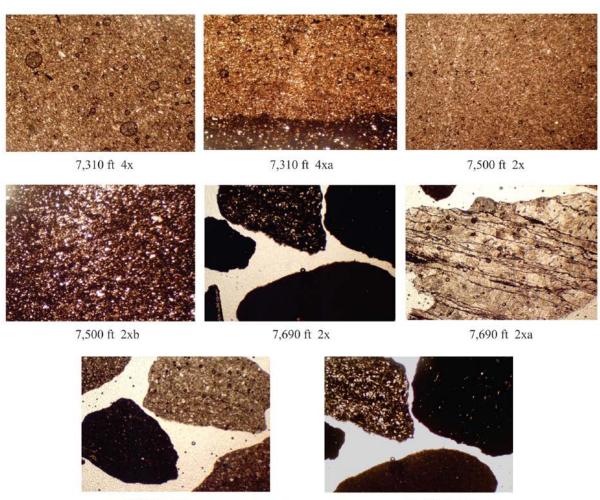


		Petrographi	c Analysis of	well API #370	0920034			
Sample Depth (ft below surface)	Composition	~80% carbonate 15% clay 5% TOC	Calcite (with minor dolomite)	Calcite (with minor dolomite)	Calcite	Quartz	Clay	
	Sample	Laminated black (Organic-rich?) calcareous mudrock with common fossils	Grainstone/ packstone	Wackestone/ mudstone	Calcite	Quartz	Non-organic clay-rich shale	Total
7,310		25	ND	5	ND	2	68	100
7,500		23	ND	ND	ND	2	75	100
7,690		15	11	40	5	4	25	100

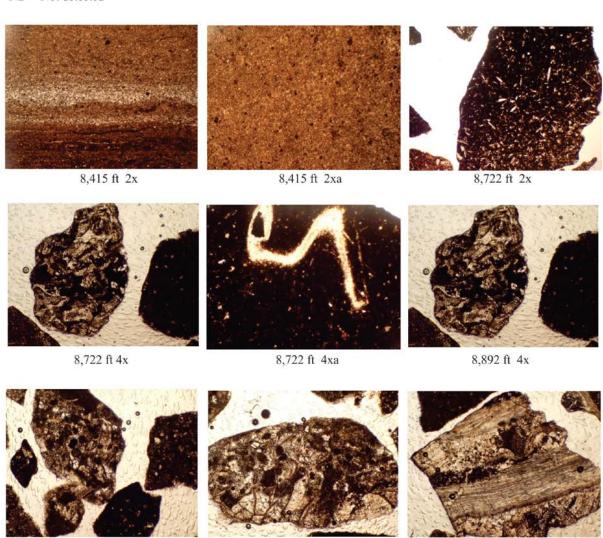
ND = Not detected



7,690 ft 2xc 7,690 ft 2xd

		Petrographi	c Analysis of	well API #370	1990063			
Sample Depth (ft below surface)	Composition	~80% carbonate 15% clay 5% TOC	Calcite (with minor dolomite)	Calcite (with minor dolomite)	Calcite	Quartz	Clay	
	Sample	Laminated black (Organic-rich?) calcareous mudrock with common fossils	Grainstone/ packstone	Wackestone/ mudstone	Calcite	Quartz	Non-organic clay-rich shale	Total
8,415		ND	ND	ND	ND	ND	100	100
8,722		80	5	15	ND	ND	ND	100
8,892		15	63	20	ND	2	ND	100

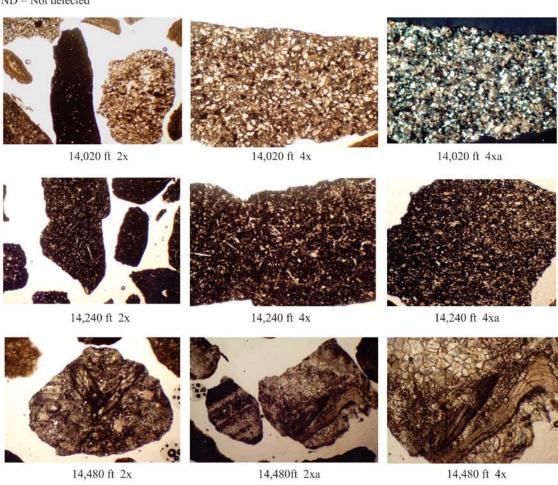
ND = Not detected



8,892 ft 4xa 8,892 ft 4xb 8,892 ft 4xc

		Petrographi	c Analysis of	well API #370	3520276			
Sample Depth (ft below surface)	Composition	~80% carbonate 15% clay 5% TOC	Calcite (with minor dolomite)	Calcite (with minor dolomite)	Calcite	Quartz	Clay	
	Sample	Laminated black (Organic-rich?) calcareous mudrock with common fossils	Grainstone/ packstone	Wackestone/ mudstone	Calcite	Quartz	Non-organic clay-rich shale	Total
14,020		5	10	75	ND	5	5	100
14,240	·	40	8	52	ND	ND	ND	100
14,480		15	50	25	5	0	5	100

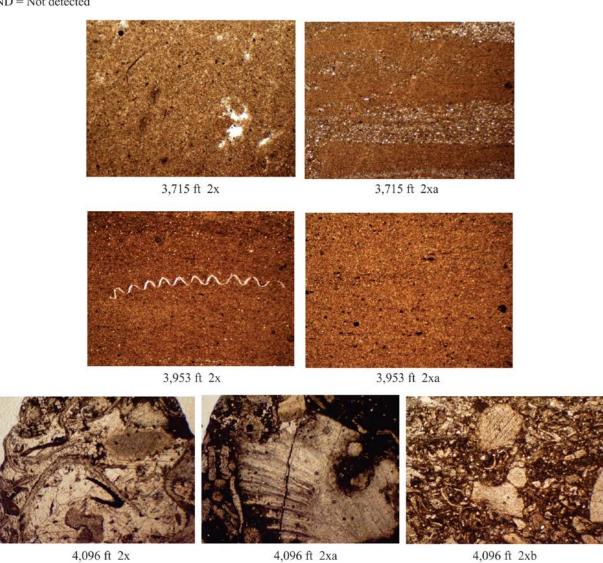
ND = Not detected



14,480 ft 4xa

		Petrographi	c Analysis of	well API #370	4920049			
Sample Depth (ft below surface)	Composition	~80% carbonate 15% clay 5% TOC	Calcite (with minor dolomite)	Calcite (with minor dolomite)	Calcite	Quartz	Clay	
	Sample	Laminated black (Organic-rich?) calcareous mudrock with common fossils	Grainstone/ packstone	Wackestone/ mudstone	Calcite	Quartz	Non-organic clay-rich shale	Total
3,715		ND	ND	ND	ND	1	99	100
3,953		ND	ND	ND	ND	3	97	100
4,096		ND	50	45	3	2	0	100

ND = Not detected

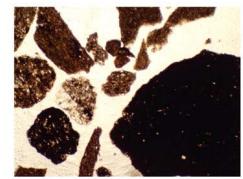


		Petrographi	c Analysis of	well API #370	6720001			
Sample Depth (ft below surface)	Composition	~80% carbonate 15% clay 5% TOC	Calcite (with minor dolomite)	Calcite (with minor dolomite)	Calcite	Quartz	Clay	
	Sample	Laminated black (Organic-rich?) calcareous mudrock with common fossils	Grainstone/ packstone	Wackestone/ mudstone	Calcite	Quartz	Non-organic clay-rich shale	Total
3,660		10	ND	85	2	3	ND	100
3,750		88	10	ND	ND	2	ND	100

ND = Not detected



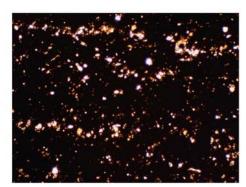
3,660 ft 4x



3,660 ft 4xa



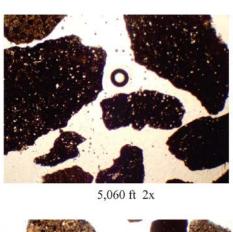
3,750 ft 2x

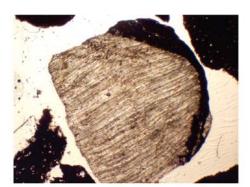


3,750 ft 4x

		Petrographi	c Analysis of	well API #370	8720002			
Sample Depth (ft below surface)	Composition	~80% carbonate 15% clay 5% TOC	Calcite (with minor dolomite)	Calcite (with minor dolomite)	Calcite	Quartz	Clay	
	Sample	Laminated black (Organic-rich?) calcareous mudrock with common fossils	Grainstone/ packstone	Wackestone/ mudstone	Calcite	Quartz	Non-organic clay-rich shale	Total
5,060		49	5	25	2	4	15	100
5,230		ND	12	86	ND	2	ND	100

ND = Not detected

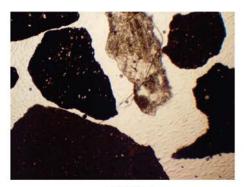




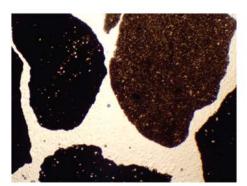
5,060 ft 2xa



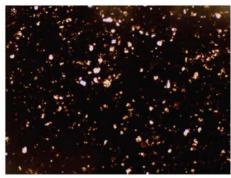
5,230 ft 2x



5,230 ft 2xa



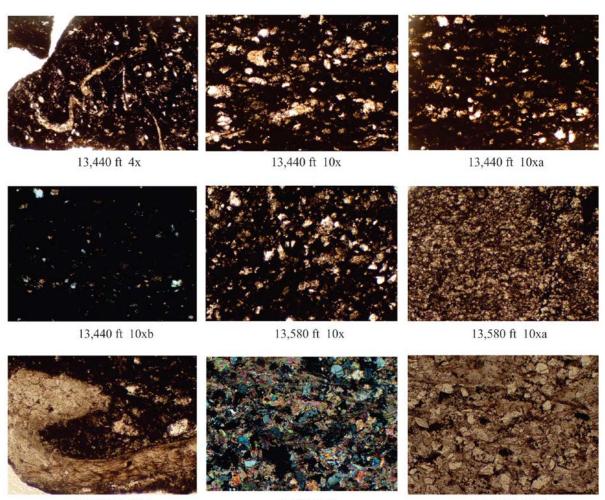
5,230 ft 2xb



5,230 ft 4x

		Petrographi	c Analysis of	well API #371	0320003			
Sample Depth (ft below surface)	Composition	~80% carbonate 15% clay 5% TOC	Calcite (with minor dolomite)	Calcite (with minor dolomite)	Calcite	Quartz	Clay	
	Sample	Laminated black (Organic-rich?) calcareous mudrock with common fossils	Grainstone/ packstone	Wackestone/ mudstone	Calcite	Quartz	Non-organic clay-rich shale	Total
13,440		82	ND	10	ND	8	ND	100
13,580		55	ND	29	ND	6	10	100

ND = Not detected



13,580 ft 10xb 13,580 ft 10xc 33,580 ft 10xd