



**Petroleum Services Division**  
3437 Landco Dr.  
Bakersfield, California 93308  
Tel: 661-325-5657  
Fax: 661-325-5808  
www.corelab.com

December 20, 2019

Delaney Peterson  
Anchor QEA, LLC  
1201 Third Ave., Suite 2600  
Seattle, WA 98101

Subject: Gasco Sediments  
Project:000029-02.59  
CL File No: 1903841

Dear Ms. Peterson,

The attached file presents the final mobility by centrifuge results for samples submitted from your Project #000029-02.59.

Appropriate ASTM, EPA or API methodologies were used for this project and SOP's are available on request. The sample for this project is currently in storage and will be retained for thirty days past completion of testing at no charge. At the end of thirty days, the sample will be disposed. You may contact me regarding continued storage, disposal, or return of the sample.

Thank you for this opportunity to be of service to Anchor QEA, LLC Please do not hesitate to contact us at (661-325-5657) if you have any questions regarding these results or if we can be of any additional service.

Sincerely,  
Core Laboratories LP

Allison Burich  
Core Analyst III

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# Free Product Mobility Summary

## Centrifugal Method

(Methodology: ASTM D425M, API RP 40)

Petroleum Services

### Anchor QEA, LLC

Core Lab File No: 1903841

Project Name: Gasco PDI

Project No: 000029-02.59

Sample ID.	Depth ft.	Sample Orientation <sup>1</sup>	Density		Porosity	Initial Fluid Saturations <sup>4</sup>		Applied Force <sup>6</sup>		Final Fluid Saturations <sup>4</sup>	
			Bulk (Dry) g/cc	Grain g/cc	Total <sup>2</sup> %Vb <sup>3</sup>	Water %PV <sup>5</sup>	Oil %PV <sup>5</sup>	G	cm water	Water %PV <sup>5</sup>	Oil %PV <sup>5</sup>
PDI-28NAPL	9.50	V	1.39	2.65	47.41	50.31	7.82	25.00	90.97	26.71	7.82
PDI-28NAPL	11.15	V	1.36	2.66	48.74	60.16	17.00	25.00	89.46	30.52	11.88
PDI-38NAPL	6.80	V	1.30	2.65	50.81	44.71	1.12	25.00	88.45	35.97	1.12
PDI-59NAPL	10.00	V	1.35	2.68	49.72	55.61	35.67	25.00	90.21	33.13	13.20
PDI-69NAPL	5.05	V	1.37	2.63	47.96	66.13	10.88	25.00	88.32	47.78	10.88
PDI-69NAPL	5.45	V	1.26	2.61	51.64	83.69	11.06	25.00	82.58	69.29	11.06
PDI-69NAPL	7.30	V	1.36	2.68	49.11	66.22	28.07	25.00	86.81	59.41	20.04
PDI-73NAPL	2.70	V	1.40	2.68	47.94	67.80	16.56	25.00	91.74	30.65	14.85
PDI-73NAPL	5.30	V	1.37	2.65	48.39	49.20	42.18	25.00	89.83	32.66	18.19
PDI-75NAPL	0.70	V	1.40	2.74	48.90	86.00	0.06	25.00	86.06	76.53	0.06
PDI-75NAPL	2.20	V	0.76	2.48	69.50	87.74	5.64	25.00	84.19	62.03	5.64

(1) H = horizontal, V = vertical

(2) Total Porosity = no pore fluids in place; all interconnected pore channels.

(3) Vb = Bulk Volume, cc.

(4) Assumed Oil density = 1.050 g/cc. Water density = 1.000 g/cc

(5) Pv = Pore Volume, cc.

(6) Applied force on samples for 10 hours