

WinAssay '95

Version 1.00

Final Reports

Client Name:	<u>Enterprise</u>
Sample ID:	<u>Poseidon / Houma Station</u>
Laboratory ID:	<u>2010-NOLA-008492</u>
Date:	<u>11-3-2010</u>
Operator:	<u>Desmond Matthew</u>

ASTM D2892/D5236 CHARGE INFORMATION

Lab ID:
Client Name:
Sample ID:
Date:

2010-NOLA-008492
Enterprise
Poseidon / Houma Station
11-3-2010

Operator: Desmond Matthew

Charge Mass D2892(G):
Charge S.G. D2892 (60/60F):
Charge Mass D5236(G):
Charge S.G. D5236 (60/60F):

9138.0
0.8762
4275.0
0.9772

Water Weight Removed (G):
Initial Vapor Temp:
Whole Crude Sulfur Wt%:

5.2
37

WinAssay '95
Final TBP Distillation Yield Report

Prepared For: Enterprise
 Sample ID: Poseidon / Houma Station
 Date: 11-3-2010

Cut Temp TO	Degrees F	DUMP WT(g)	Specific Gravity	MLS	LIQ VOL%	CUM. LIQ VOL%	WT%	CUM WT%	API GRAVITY	MID LIQ VOL%
<i>ASTM D2892 Distillation Yields</i>										
IBP	68	161.00	0.5750	280.00	2.69	2.69	1.76	1.76	114.59	1.34
68	150	290.80	0.6452	450.71	4.32	7.01	3.18	4.95	87.81	4.85
150	365	1421.80	0.7467	1904.11	18.27	25.28	15.57	20.52	58.00	16.14
365	450	624.70	0.8049	776.12	7.45	32.72	6.84	27.36	44.30	29.00
450	600	1167.40	0.8448	1381.87	13.26	45.98	12.78	40.14	36.00	39.35
600	670	589.10	0.8751	673.18	6.46	52.44	6.45	46.59	30.20	49.21
670+		4878.00	0.9772	4991.81	47.89	100.33	53.41	100.00	13.30	
<i>ASTM D5236 Distillation Yields</i>										
670	850	1238.90	0.9117	1358.89	14.88	67.32	15.48	62.07	23.70	59.88
850	1050	1198.00	0.9477	1264.11	13.84	81.16	14.97	77.03	17.81	74.24
1050+		1838.10	1.0478	1754.25	19.20	100.36	22.97	100.00	3.54	

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ASTM TBP And Potstill Distillation

Quality Control Report

Sample ID: Poseidon / Houma Station
Lab ID: 2010-NOLA-008492
Client: Enterprise Date: 11-3-2010

Material Balance Parameters:

ASTM D2892 Distillation

D2892 Material Balance: Passes Material Balance Per D2892

ASTM D5236 Distillation

D5236 Material Balance: Passes Material Balance Per D5236

API Balance Parameters:

D2892 Measured API: °

D2892 Calc API: °

API Delta (Meas-Calc): ° Passes API Test

D5236 Measured API: °

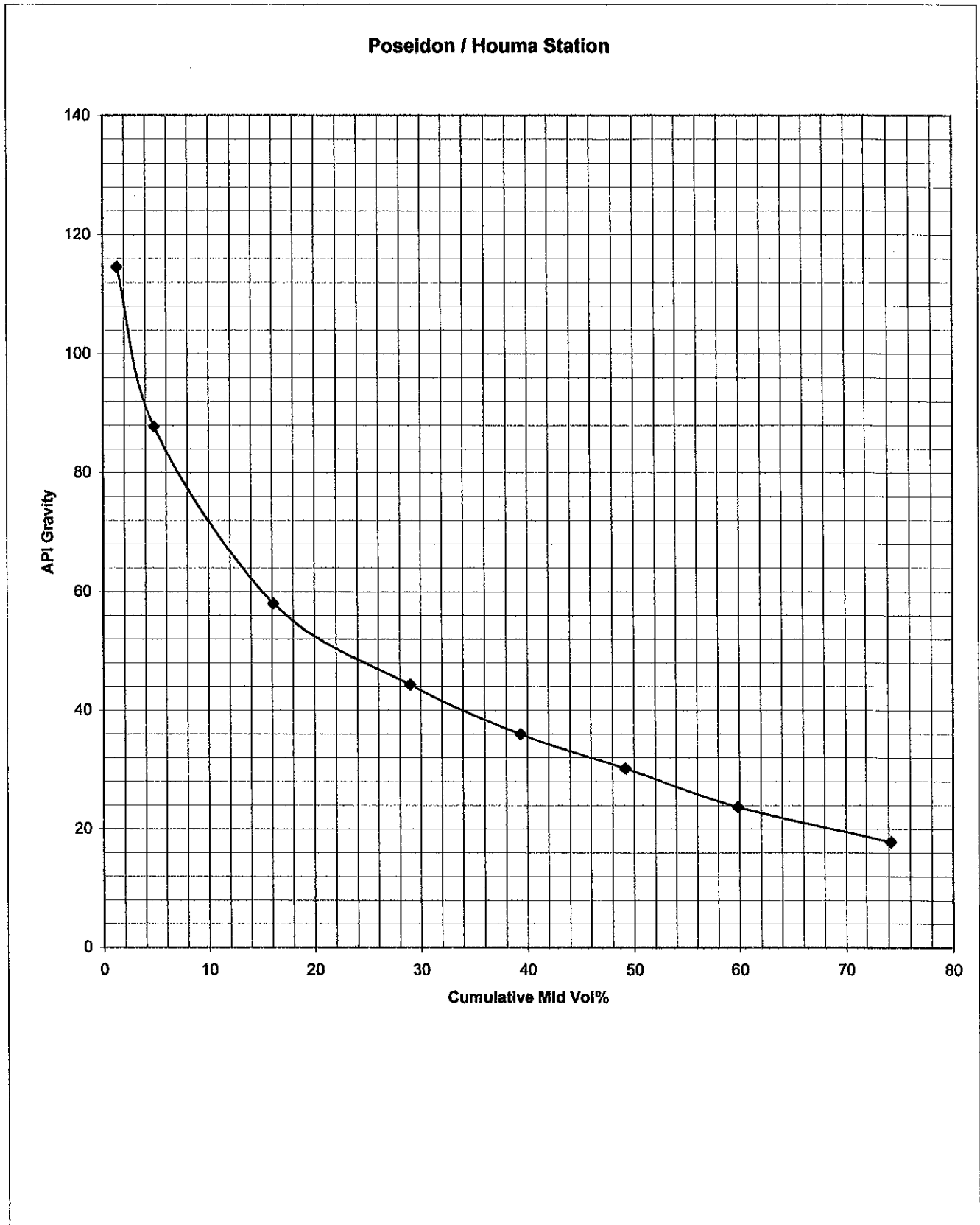
D5236 Calc API: °

API Delta (Meas-Calc): Passes API Test

Note: Review the API vs Mid-Vol% Plot For Outliers along the curve. Points lying off the curvature should be reviewed for accuracy in density determination.

WinAssay '95 Quality Control Applications

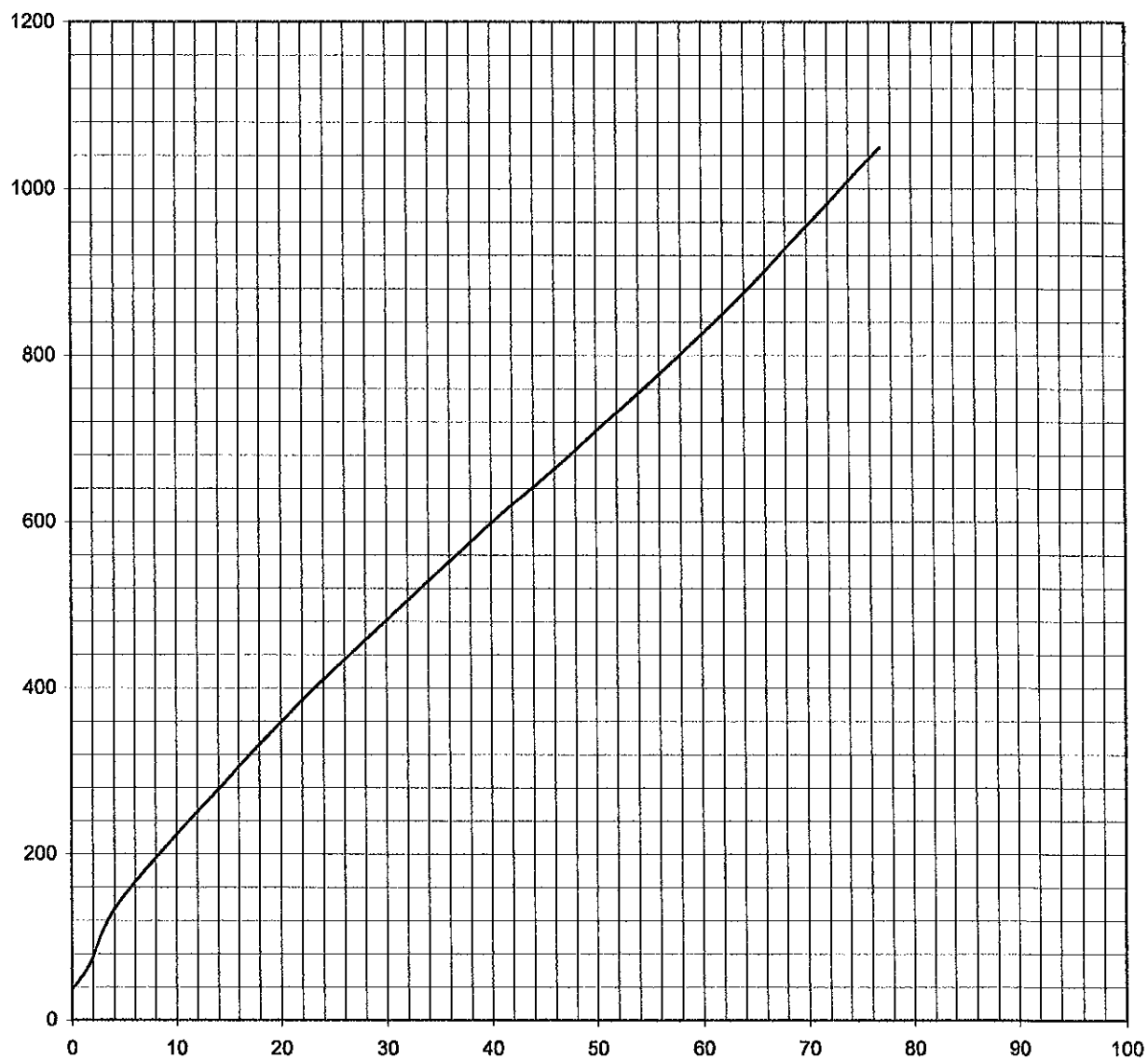
Cum. Mid Vol% v. API Gravity



WinAssay '95
True Boiling Point Curve
Vaporline Temperature v. Cumulative Wt% Yield

Sample ID

Poseidon / Houma Station



WinAssay '95
True Boiling Point Curve vs Cumulative Vol% Yield

Sample ID

Poseidon / Houma Station

