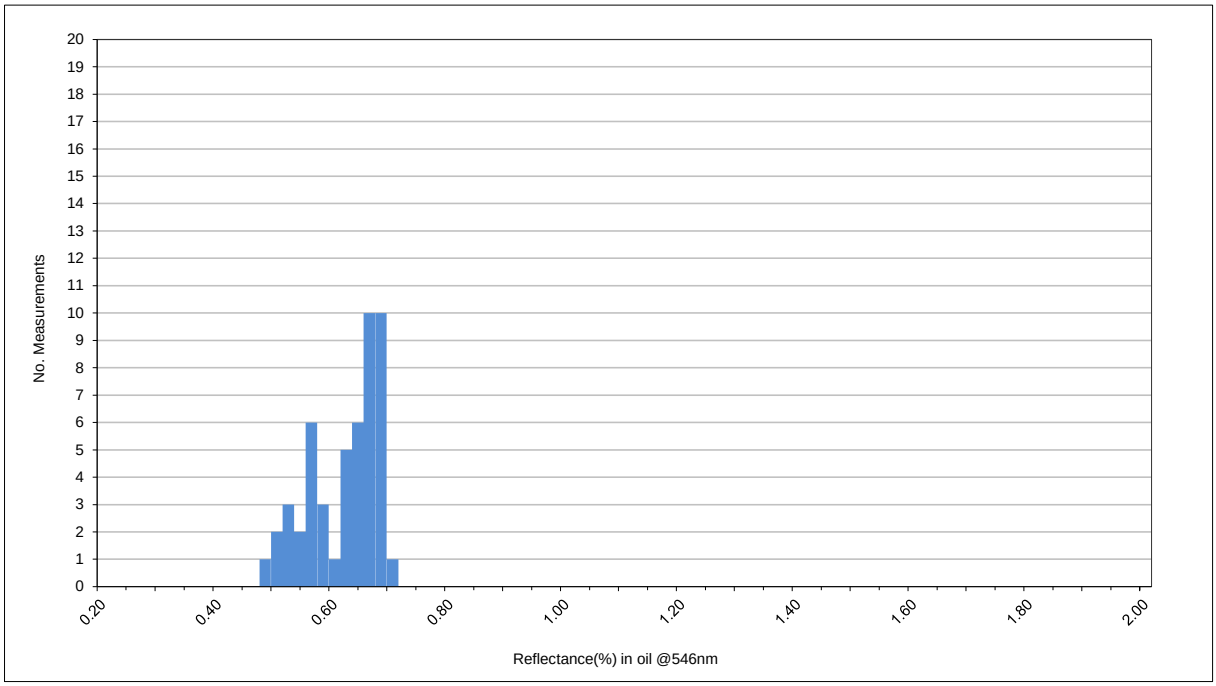
The Discovery Group, Inc.

Vitrinite study

WELL: *Lela E Youtz 2* **DEPTH:** *8065'*
SAMPLE: *A826*

SAMPLE DATA

API #		Country		Formation	
Operator	Amoco	State		Age	
Analyst	DGH	County		Prep	
Date	5-21-12			Sample Type	Core



VR READINGS

0.48	*0.49*	*0.49*	*0.50*	*0.51*	*0.52*	*0.53*	*0.54*	*0.55*	*0.55*	*0.55*	*0.55*	*0.55*	*0.56*	*0.57*	*0.57*	*0.58*	*0.60*
0.61	*0.61*	*0.61*	*0.61*	*0.62*	*0.62*	*0.63*	*0.63*	*0.63*	*0.63*	*0.64*	*0.64*	*0.64*	*0.65*	*0.65*	*0.65*	*0.65*	*0.65*
0.66	*0.66*	*0.66*	*0.66*	*0.66*	*0.66*	*0.66*	*0.67*	*0.67*	*0.67*	*0.67*	*0.67*	*0.68*	*0.68*				

STATISTICS

	Vitrinite	Collodetrinite	Reworked Vitrinite
Mean:	*0.61*		
STDEV:	*0.06*		
Variance:	*0.0035*		
Minimum:	*0.48*		
Maximum:	*0.68*		
Number:	*50*		

PHASE	MATURITY
Immature	
Oil	
Wet Gas	
Dry Gas	
Postmature	

UV COLORS

	Landplant	Algal
Min. Color		
Max Color		
Min Maturity		
Max Maturity		

Comments

Bimodal distribution could represent true vitrinite and subtle semi-fusinite, or low gray and un-oxidized vitrinite. Measurements were only taken on macerals without oxidized fabrics (ie fusain)