



# ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 20, 2010

Jacob Melancon  
Panther Energy  
101 E. Panther  
Jal, NM 88252

Re: Curry Fed #2

Enclosed are the results of analyses for sample number H19907, received by the laboratory on 05/17/10 at 9:25 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

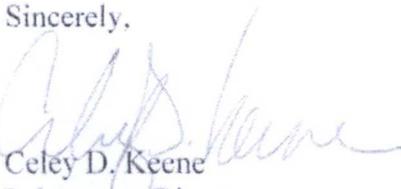
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

  
Caley D. Keene  
Laboratory Director

Approved by  
Geoffrey LeMay  
Environmental Engineer  
NMCCO - Hobbs  
06/02/10

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This report conforms with NELAP requirements.

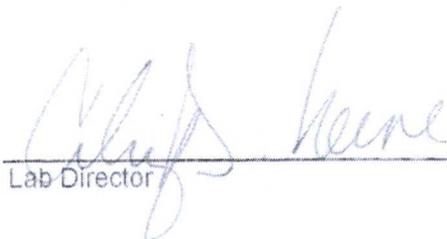
ANALYTICAL RESULTS FOR  
PANTHER ENERGY  
ATTN: JACOB MELANCON  
101 EAST PANTHER  
JAL, NM 88252  
FAX TO (575) 395-2162

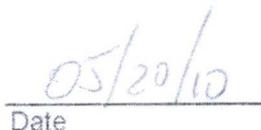
Receiving Date: 05/17/10  
Reporting Date: 05/19/10  
Project Owner: SIANA  
Project Name: CURRY FED #2  
Project Location: CURRY FED #2

Sampling Date: 05/11/10 & 05/14/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT @ 3.5°C  
Sample Received By: JH  
Analyzed By: AB/ZL/HM

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	CI* (mg/kg)
ANALYSIS DATE:		05/19/10	05/19/10	05/18/10	05/18/10	05/18/10	05/18/10	05/17/10
H19907-1	PILE #5	<10.0	38.5	<0.050	<0.050	<0.050	<0.300	272
H19907-2	PILE #6	<10.0	35.1	<0.050	<0.050	<0.050	<0.300	48
Quality Control		468	459	0.010	0.010	0.010	0.029	500
True Value QC		500	500	0.010	0.010	0.010	0.030	500
% Recovery		93.6	91.8	100	100	100	96.7	100
Relative Percent Difference		2.2	0.6	9.3	8.8	10.9	10.7	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B  
\*Analyses performed on 1:4 w/v aqueous extracts. Reported on wet weight.  
TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

  
\_\_\_\_\_  
Lab Director

  
\_\_\_\_\_  
Date

H19907 TBCL PE



# CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>Panther Energy</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
Project Manager: <b>Jacob Melancon</b>		P.O. Box # <b>10303</b>											
Address: <b>101 E. Panther</b>		Company: <b>Siana</b>											
City: <b>Jal</b> State: <b>N.M.</b> Zip: <b>88252</b>		Attn: <b>Matt Doffer</b>											
Phone #: <b>505-631-8037</b> Fax #: <b>505-395-2162</b>		Address: <b>601 W. Marianne St. Suite # 800</b>											
Project #: _____ Project Owner: <b>Siana</b>		City: <b>Midland</b>											
Project Name: <b>Curry Fed. #2</b>		State: <b>TX</b> Zip: <b>79702</b>											
Project Location: <b>Curry Fed. #2</b>		Phone #: <b>432-559-5058</b>											
Sampler Name: <b>Jacob Melancon</b>		Fax #: <b>432-682-</b>											

FOR LAB USE ONLY		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME	BTEX	TPH	CL-
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER						
H19907-1	Pile # 5	C	1			X							5-11-10	1:30	I	I	I	
2	Pile # 6	C	1			X							5-14-10	10:00	I	I	I	

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____	Date: _____	Received By: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
	Time: _____		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Relinquished By: <b>Jacob Melancon</b>	Date: <b>5/17/10</b>	Received By: <b>Jodi Henson</b>	REMARKS: <b>Email Results</b>	
	Time: <b>4:25</b>		<b>jacob@3k oil and gas.com</b>	
Delivered By: (Circle One)		Sample Condition	CHECKED BY: _____	
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	(Initials)	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476