



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
LATIGO
ATTN: RODNEY LONG/PHILLIP SMITH
2121 FRENCH DRIVE
HOBBS, NM 88240
FAX TO: (432) 684-0829

Receiving Date: 05/11/05
Modified Reporting Date: 05/16/05
Project Number: NOT GIVEN
Project Location: CROSSROADS, NM
Project Name: FED A 13 #2 & #5
Lab Number: H9787-1
Sample ID: #2

Sampling Date: 05/11/05
Sample Type: GAS (CYLINDER)
Sample Condition: INTACT
Sample Received By: AH

MODIFIED REPORT

BTU ANALYSIS	MOLE %	GPM
Hydrogen Sulfide*	1.264	
Nitrogen	8.827	
Carbon Dioxide	12.111	
Methane	65.155	
Ethane	6.992	1.889
Propane	3.415	0.951
Isobutane	0.398	0.132
n-Butane	0.915	0.292
Isopentane	0.229	0.085
n-Pentane	0.209	0.077
Hexanes+	0.485	0.213
TOTAL	100.000	3.639

*From separate Tutweiler determination.

BTU/CU.FT. - DRY: 963 AVE. MOLECULAR WT.: 23.6891
 AT 14.650 DRY: 960
 AT 14.850 WET: 944
 AT 14.73 DRY: 966
 AT 14.73 WET: 949

SPECIFIC GRAVITY-
CALCULATED:
MEASURED: 0.817

Phillip Smith
Chemist

5/16/05
Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's liability shall be limited to the amount paid by client for analyses. All claims, damages, losses, and expenses shall be the responsibility of the client. Cardinal shall not be liable for incidental or consequential damages or losses arising out of or related to the performance of its services. In no event shall Cardinal be liable for incidental or consequential damages or losses arising out of or related to the performance of its services.

NMOCD CASE NO. 13408
MAY 19, 2005
LATIGO PETROLEUM, INC.
EXHIBIT NO. 9

Cardinal's liability and client's liability shall be limited to the amount paid by client for analyses. Cardinal shall not be liable for incidental or consequential damages or losses arising out of or related to the performance of its services. In no event shall Cardinal be liable for incidental or consequential damages or losses arising out of or related to the performance of its services.



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LATIGO
ATTN: RODNEY LONG/PHILLIP SMITH
2121 FRENCH DRIVE
HOBBS, NM 88240
FAX TO: (432) 684-0829

Receiving Date: 05/11/05
Modified Reporting Date: 05/16/05
Project Number: NOT GIVEN
Project Location: CROSSROADS, NM
Project Name: FED A 13 #2 & #5
Lab Number: H9787-2
Sample ID: #5

Sampling Date: 05/11/05
Sample Type: GAS (CYLINDER)
Sample Condition: INTACT
Sample Received By: AH

MODIFIED REPORT

BTU ANALYSIS	MOLE %	GPM
Hydrogen Sulfide*	0.219	
Nitrogen	9.272	
Carbon Dioxide	12.424	
Methane	65.514	
Ethane	6.903	1.846
Propane	3.416	0.941
Isobutane	0.406	0.133
n-Butane	0.903	0.285
Isopentane	0.243	0.089
n-Pentane	0.233	0.085
Hexanes+	0.467	0.203
TOTAL	100.000	3.582

*From separate Tutweiler determination.

BTU/CU.FT. - DRY: 958 AVE. MOLECULAR WT.: 23.7440
AT 14.650 DRY: 853
AT 14.650 WET: 936
AT 14.73 DRY: 958
AT 14.73 WET: 942

SPECIFIC GRAVITY-
CALCULATED:
MEASURED: 0.819

Burgess J. Cook
Chemist

5/16/05
Date