

PANTECHS LABORATORIES

P. O. BOX 2439 TEL. 806 669-6821 PAMPA, TEXAS 79066-2439
 P. O. BOX 3246 TEL. 806 797-4325 LUBBOCK, TEXAS 79452-3246

SAMPLE DATA

CUSTOMER..... AMOCO PRODUCTION Co.
 WELL No..... 43
 OPERATOR..... AMOCO PRODUCTION Co.
 FIELD..... HOG BACK
 STATE & COUNTY NEW MEXICO - SAN JUAN
 SECTION..... 18 (T. 29N) (R. 160)
 FORMATION..... AKAH
 SAMPLE DF..... GAS
 SEP. PRES..... 394 PSIG
 TEMPERATURE... 99 F
 SAMPLE DATE... 9-25-85 12:00NOON
 SAMPLED BY.... AMOCO/BRAD REGSHAW
 ANALYSIS DATE. 10-4-85
 ANALYSIS BY... S. HOLCOMB
 CYLINDER No... RC-2558

ANALYSIS RESULTS

COMPONENT		MOL %	GPM, *
NITROGEN	N2	43.16	
CARBON D.	CO2	2.99	
METHANE	C1	39.50	
ETHANE	C2	3.93	1.061
PROPANE	C3	2.38	0.669
I-BUTANE	IC4	0.63	0.214
N-BUTANE	NC4	0.90	0.295
I-PENTANE	IC5	0.30	0.116
N-PENTANE	NC5	0.27	0.104
HEXANES	C6	0.19	0.084
HEPTANES+	C7+	0.11	0.053
HELIUM	He	5.64	

GASOLINE CONTENT (GPM), *

PENTANES & HEAVIER....	0.357
BUTANES & HEAVIER.....	0.866
PROPANE & HEAVIER.....	1.535
ETHANE & HEAVIER.....	2.596
26 # GASOLINE.....	0.527

HEATING VALUE, ** (GROSS BTU/CF)

WATER VAP. SAT.....	611
DRY GAS BASIS.....	622

SPECIFIC GRAVITY

CALC., WATER SAT.....	0.822
CALC., DRY BASIS.....	0.826
MEASURED, LAB.....	0.827

*, 14.65 PSIA & 60 F
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REMARKS:

Case 8734

Exhibit No. 8