15-007-22612 TRILOBITE TESTING L.L.C. 20-34s-13w

OPERATOR : Woolsey Petroleum Corp. DATE 01-06-200
WELL NAME: Meyer D#2 KB 1724.00 ft TICKET NO: 12104 DST #1
LOCATION : 20-34s-13w Barber co KS GR 1715.00 ft FORMATION: Toronto
INTERVAL : 4046.00 To 4106.00 ft TD 4106.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10248	10248	2342		
SI	60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	60	Clock(hrs)	12 hr	12 hr	elec.		
FS	240	Depth(ft)	4103.0	4103.0	4056.0	0.0	0.0

TIME DATA----------
PF Fr. 0852 to 0922 hr
IS Fr. 0922 to 1022 hr
SF Fr. 1022 to 1122 hr
FS Fr. 1122 to 1522 hr

	Field	1	2	3	4
A. Init Hydro	2007.0	2018.0	2038.0	0.0	0.0
B. First Flow	139.0	162.0	127.0	0.0	0.0
B1. Final Flow	139.0	128.0	139.0	0.0	0.0
C. In Shut-in	1519.0	1510.0	1524.0	0.0	0.0
D. Init Flow	46.0	44.0	35.0	0.0	0.0
E. Final Flow	46.0	36.0	31.0	0.0	0.0
F. Fl Shut-in	1519.0	1508.0	1517.0	0.0	0.0
G. Final Hydro	1984.0	1979.0	1919.0	0.0	0.0
Inside/Outside	O	O	I	T	

T STARTED 0624 hr
T ON BOTM 0845 hr
T OPEN 0852 hr
T PULLED 1522 hr
T OUT 1720 hr

RECOVERY
Tot Fluid 57.00 ft of 0.00 ft in DC and 57.00 ft in DP
0.00 ft of Gas in all fluid free pipe.
57.00 ft of Drilling mud
0.00 ft of 100% mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of Rw n.c. ohms @ degrees F.
0.00 ft of EST.FT. of PAY----------8
SALINITY 7000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	60000.00 lbs
Initial Str Wt	53000.00 lbs
Unseated Str Wt	53000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	0.00 ft
D.P. Length	4022.00 ft

BLOW DESCRIPTION
Initial Flow:
Strong blow. Bottom of bucket in 4 minutes.

Initial Shut-In:
No blow.

Final Flow:
Strong blow. Gas to surface in 4 minutes. (see gas volume report)

Final Shut-In:
No blow.

SAMPLES: Gas sample
SENT TO:Caraway/Liberal

MUD DATA----------

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	50.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	2.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out	N
Tool Chased	N
Tester	Gary Pevoteaux
Co. Rep.	Mike Maune
Contr.	Duke Drlg.
Rig #	4
Unit #	
Pump T.	LCM 0 #/bl

Test Successful: Y

GAS RECOVERY

COMPANY: Woolsey Petroleum Corp. DATE: 01-06-200
WELL NAME: Meyer D#2 KB Elev: 1724.00 ft TICKET #12104 DST #1
WELL LOCATION: 20-34s-13w Barber co KS GR Elev: 1715.00 ft FORMATION: Toronto
INTERVAL Fr.: 4046.00 To 4106.00 T.D.: 4106.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.25	2	0	24400.0
15	0.25	1	0	22900.0
20	0.25	1	0	22900.0
25	0.25	1	0	22900.0
30	0.25	1	0	22900.0
35	0.25	1	0	22900.0
40	0.25	1	0	22900.0
45	0.25	1	0	22900.0
50	0.25	1	0	22900.0
55	0.25	1	0	22900.0
60	0.25	1	0	22900.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Meyer D#2

LOCATION : 20-34s-13w Barber co KS

TICKET No. 12104 D.S.T. No. 1 DATE 01-06-200

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 28

TOTAL TOOL 55

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 32

TOTAL ASSEMBLY 87

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands64 Single 1 Total 4022

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4109

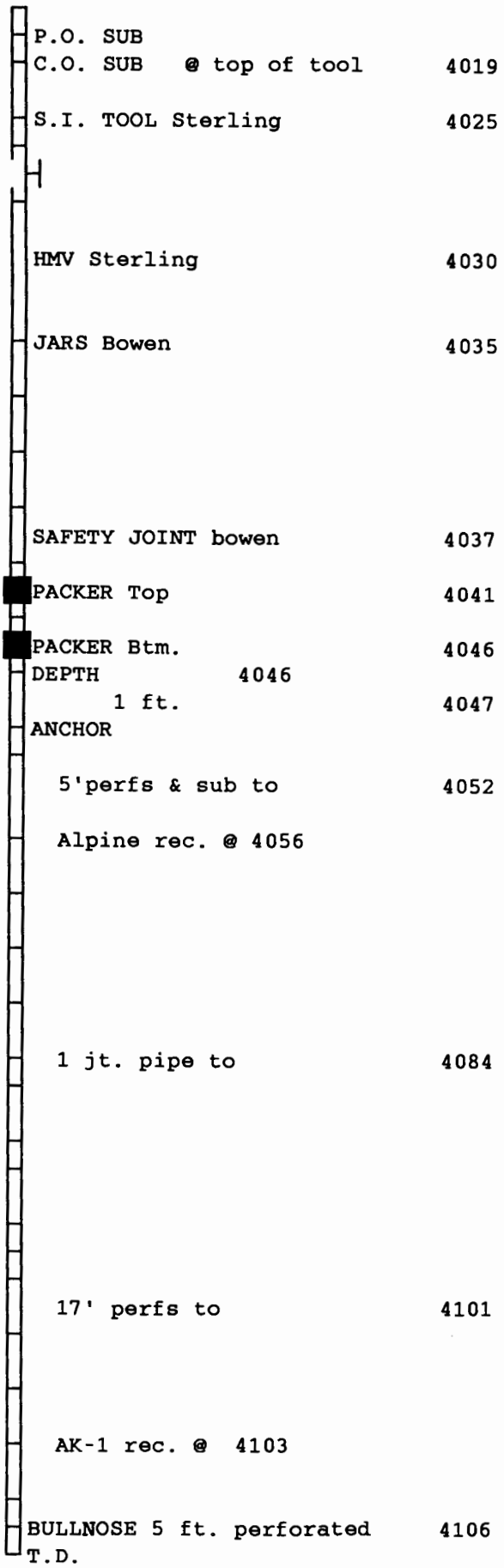
TOTAL DEPTH 4106

TOTAL DRILL PIPE ABOVE K.B. 3

REMARKS:
Comments:Fax reports to Woolsey Petl.Corp.
Charts show some plugging during first open.

FLUID SAMPLER DATA (not run)

GAS---------- cubic ft
OIL---------- ML.
MUD---------- ML.
WATER---------- ML.
OTHER----------
PRESSURE---------- PSI
Rw ---------- ohms @ deg. F.
CHLORIDES---------- ppm.
GRAVITY---------- deg.API



TEST HISTORY

12104 DST#1 MEYER D#2 WOOLSEY PETROLEUM CORP.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2038.43
B:	0.00	126.72
C:	29.50	139.48
D:	59.50	1523.79
E:	0.00	35.33
F:	59.00	31.46
G:	245.00	1517.50
Q:	0.00	1919.08

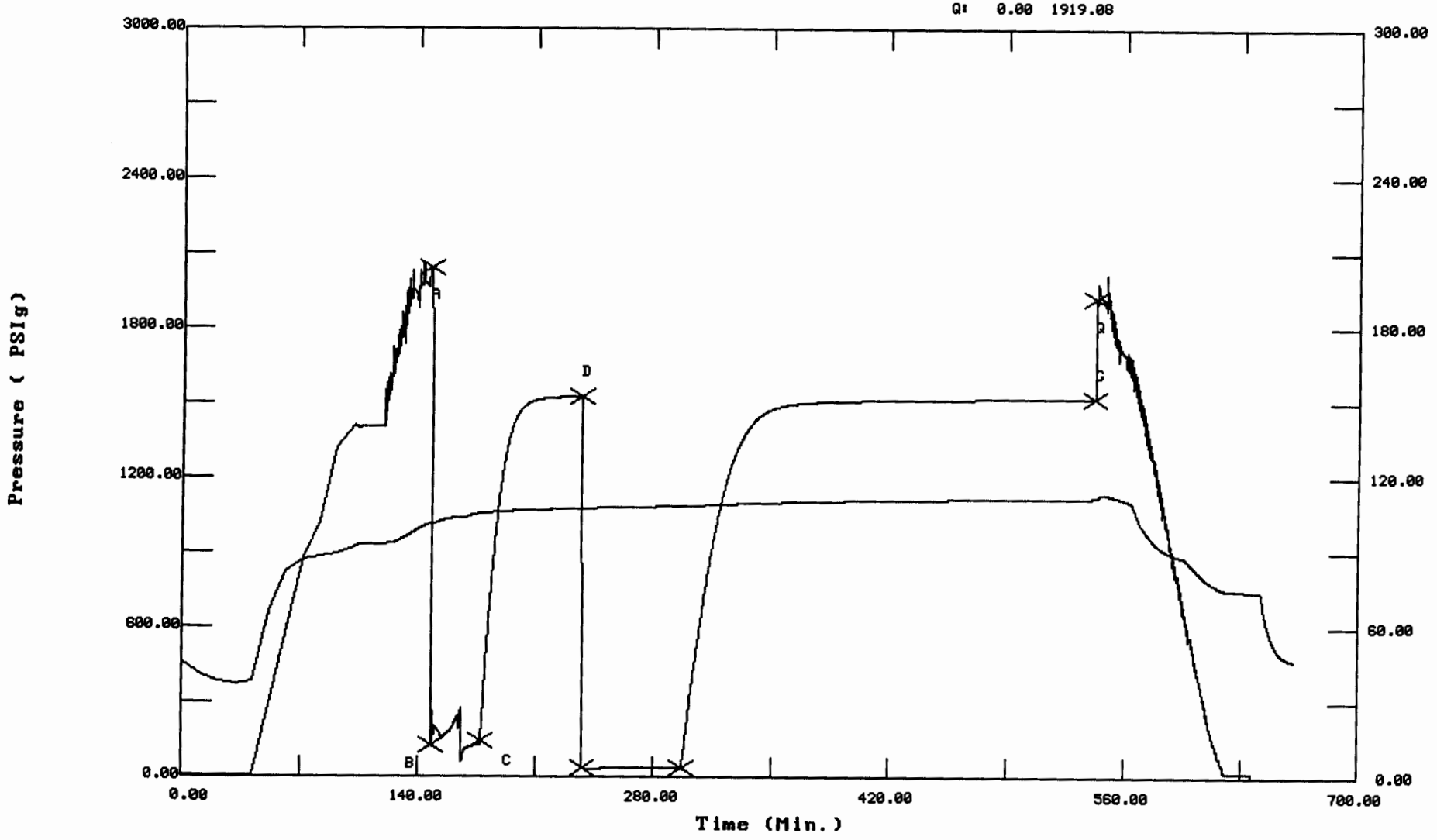
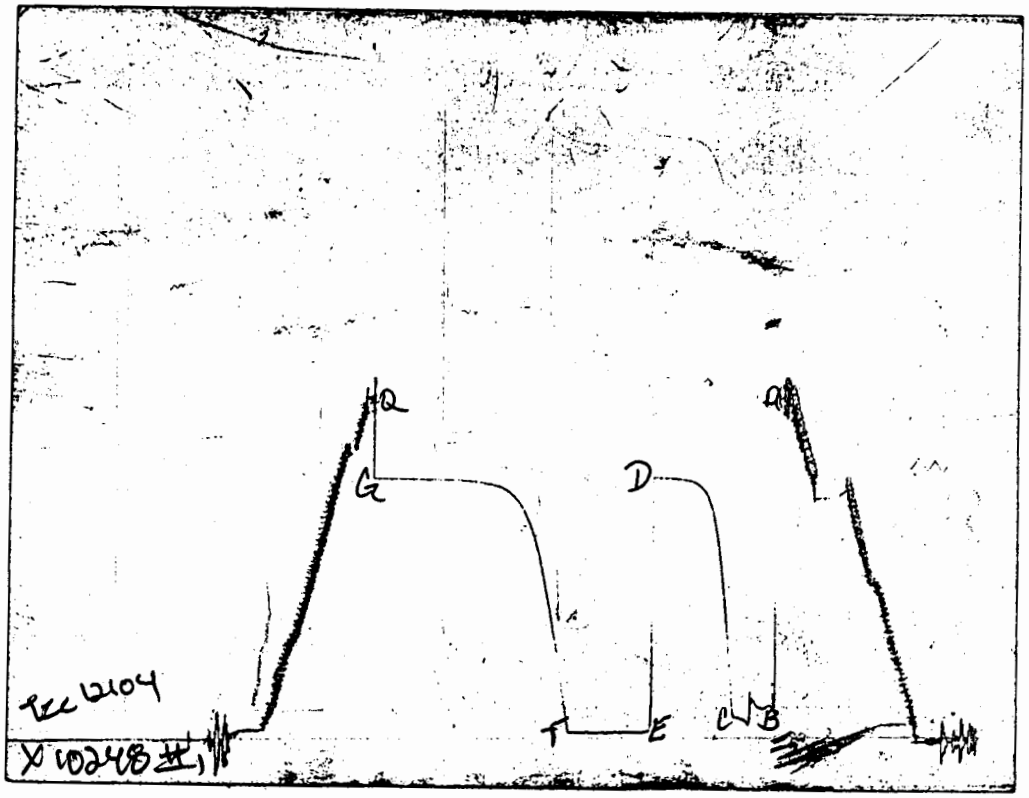


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.
P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Woolsey Petr. Corp (OPERATOR) — Meyer D#2 (WELL NAME AND NO.) — 1 (DST NO.)

INITIAL OPEN				FINAL OPEN			
Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
			No GTS	4	—	1/2"	GTS
				10	2 PSI	1/4"	24.4
				15	1 PSI	1/4"	22.9
				20	1 PSI	1/4"	22.9
				25	1 PSI	1/4"	22.9
				30	1 PSI	1/4"	22.9
				35	1 PSI	1/4"	22.9
				40	1 PSI	1/4"	22.9
				45	1 PSI	1/4"	22.9
				50	1 PSI	1/4"	22.9
				55	1 PSI	1/4"	22.9
				60	1 PSI	1/4"	22.9

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 Nº 12104

Test Ticket

Well Name & No. Muijer D #2 Test No. 1 Date 1-6-2000

Company Woolsey Petr. Corp. Zone Tested Toronto

Address 125 N. Market, Ste. 1000, Wichita Ks. 67202 Elevation 1724 KB 1715 GL

Co. Rep / Geo. Mike Maune Cont. Duke Drlg. #4 Est. Ft. of Pay 8' Por. ___ %

Location: Sec. 20 Twp. 34S Rge. 13W Co. Barber State Ks.

No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) ___ Evaluation (Y, N) ___

Interval Tested 4046 - 4106' Initial Str Wt./Lbs. 53,000 Unseated Str Wt./Lbs. 53,000

Anchor Length 60' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000

Top Packer Depth 4041' Tool Weight 2,100 II

Bottom Packer Depth 4046' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 4106' Wt. Pipe Run None Drill Collar Run None

Mud Wt. 9.2 LCM ~ Vis. 50 WL 8.8cc Drill Pipe Size 4½" X.H. Ft. Run 4022'

Blow Description IF: Strong blow. BOB. in 4 mins. ISI: No blow.

FF: Strong blow. GTS in 4 mins. (see gas volume report)

FSI: No blow. Comment: Charts show some plugging during ISI & FF

Recovery — Total Feet 57 GIP yes Ft. in DC ~ Ft. in DP 57

Rec. 57	Feet Of	Drlg. Mud.	%gas	%oil	%water	100 %mud
Rec. ___	Feet Of	___	%gas	%oil	%water	%mud
Rec. ___	Feet Of	___	%gas	%oil	%water	%mud
Rec. ___	Feet Of	___	%gas	%oil	%water	%mud
Rec. ___	Feet Of	___	%gas	%oil	%water	%mud

BHT 112 °F Gravity N/A °API D@ ~ °F Corrected Gravity N/A °API

RW N.C. @ ~ °F Chlorides 7,000 ppm Recovery Chlorides 7,000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	2007	2038	PSI	Recorder No. (alp.)	2342	T-On Location 0535
(B) First Initial Flow Pressure	139	127	PSI	(depth)	4056'	T-Started 0624
(C) First Final Flow Pressure	139	139	PSI	Recorder No.	10248	T-Open 0852
(D) Initial Shut-In Pressure	1519	1524	PSI	(depth)	4103'	T-Pulled 1522
(E) Second Initial Flow Pressure	46	35	PSI	Recorder No.	~	T-Out 1720
(F) Second Final Flow Pressure	46	31	PSI	(depth)	~	T-Off Location 1758
(G) Final Shut-in Pressure	1519	1517	PSI	Initial Opening	30	Test ✓ 700.00
(Q) Final Hydrostatic Mud	1984	1919	PSI	Initial Shut-in	60	Jars ✓ 200.00
				Final Flow	60	Safety Joint ✓ 50
				Final Shut-in	240	Straddle ___
					4	Circ. Sub ___
						Sampler ___
						Extra Packer ___
						Elec. Rec. ✓ 150.00
						Mileage ___
						Other Time ✓ 90
						TOTAL PRICE $ ✓ 1190.00

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Mikal K. Maune

Our Representative Tony Pivoteau

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	20000158	Analyzed:	01/11/00
Sample From:	Meyer D-2 DST 1	Pressure:	
Producer:	Woolsey Petroleum	Temperature:	
Date:		Location:	20-34-13
Time:		County:	Barber
Sampler:		State:	Kansas
Source:		Formation:	Toronto

		Mole %	GPM
Helium	He:	0.228	0.000
Hydrogen	H2:	0.003	0.000
Oxygen	O2:	0.069	0.000
Nitrogen	N2:	8.411	0.000
Carbon Dioxide	CO2:	0.049	0.000
Methane	C1:	82.735	0.000
Ethane	C2:	3.826	1.023
Propane	C3:	2.244	0.618
Iso Butane	iC4:	0.303	0.099
Normal Butane	nC4:	0.851	0.268
Iso Pentane	iC5:	0.225	0.082
Normal Pentane	nC5:	0.326	0.118
Hexanes Plus	C6+:	0.730	0.318
	TOTAL:	100.000	2.528
	Z Fact:	0.9976	
	SP.GR.:	0.6777	
	BTU (SAT):	1043.5 @ 14.73 psia	
	BTU (DRY):	1061.9 @ 14.73 psia	
	OCTANE RATING:	115.2	

COMMENTS: 0.069