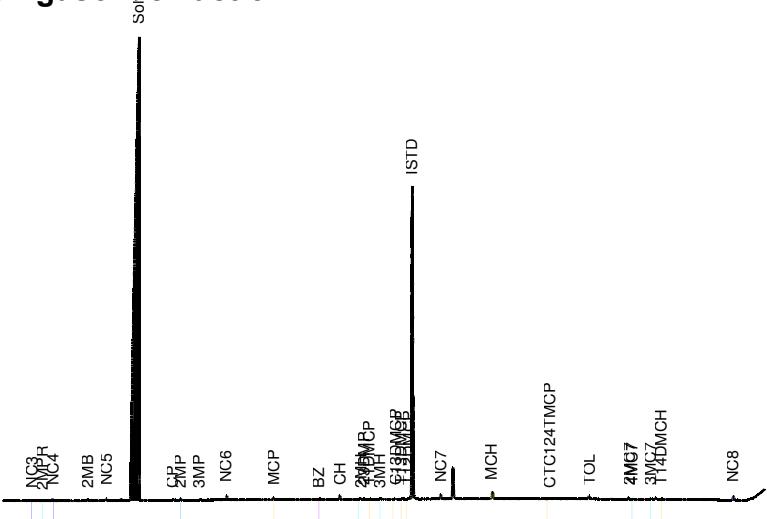




Country	United States	Sample id	FPC_1158612
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	5897.3ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup C / A
Longitude	-163.4718517	Reservoir	Kup C

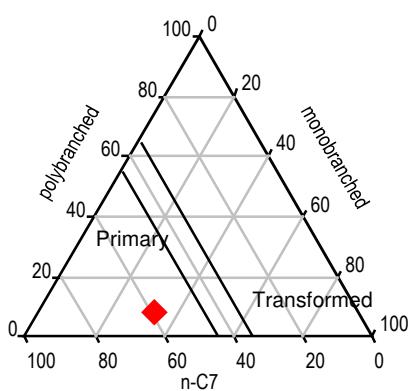
GC gasoline fraction



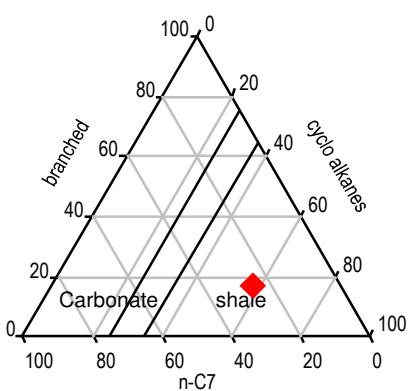
Peak areas

1: Methane	1
2: Ethane	1
3: Propane	1
4: 2-methylpropane (i-C4)	1
5: butane	3
6: 2-methylbutane (i-C5)	3
7: n-pentane	4
8: 2,2-dimethylbutane	
9: cyclopentane	2
10: 2,3-dimethylbutane	
11: 2-methylpentane	3
12: 3-methylpentane	2
13: n-hexane	6
14: methylcyclopentane	4
15: 2,2-dimethylpentane	
16: benzene	2
17: 2,4-dimethylpentane	
18: 2,2,3-trimethylbutane	
19: Cyclohexane	7
20: 3,3-dimethylpentane	
21: 1,1-dimethylcyclopentane	1
22: 2-methylhexane	2
23: 2,3-dimethylpentane	1
24: 1c3-dimethylcyclopentane	1
25: 3-methylhexane	3
26: 1t3-dimethylcyclopentane	1
27: 1t2-dimethylcyclopentane	2
28: 3-ethylpentane	
29: 2,2,4-trimethylpentane (Standard)	626
30: n-heptane	9
31: 1c2-dimethylcyclopentane	
32: methylcyclohexane	16
33: 1,1,3-trimethylcyclopentane	
34: 2,2-dimethylhexane	
35: ethylcyclopentane	
36: 2,5-dimethylhexane	
37: 2,4-dimethylhexane	
38: 2,2,3-trimethylpentane	
39: 1t2c4-trimethylcyclopentane	1
40: toluene	8

Alkane Distribution



Alkane/Cycloalkanes



C7 Alkanes (%)	
normal C7	59.14
monobranched	32.57
polybranched	8.29
Alkanes\cycloalkanes (%)	
normal C7	25.38
cycloalkanes	57.08
branched alkanes	17.54
Alkanes\cycloalkanes (%)	
normal C7	34.74
cycloalkanes	46.21
aromatics	19.05

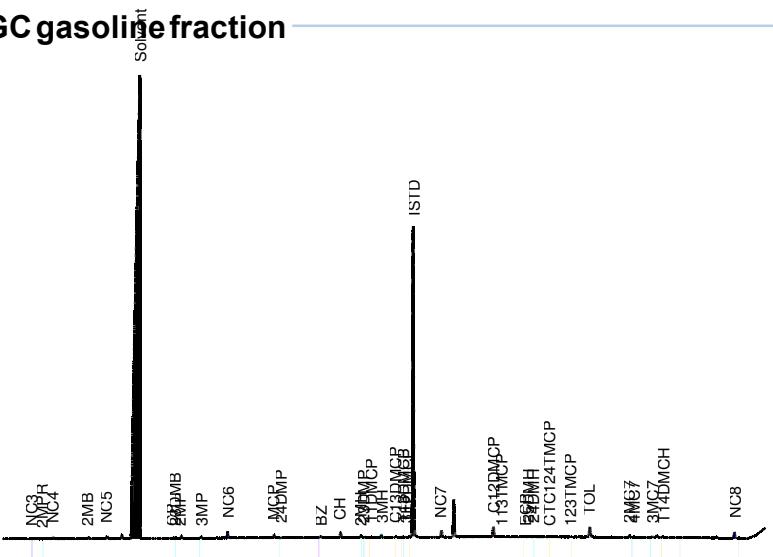
Parameters	
C7 fraction %	
C7 temperature (RWK)	137.08
C7 temperature (HOU)	
C7 VR/E	0.90
Prime sum	1.13
PCI	
Ring preference	
Three membered rings %	17.87
Five membered rings %	13.40
Six membered rings %	68.73

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158613
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	5908.9ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup C / A
Longitude	-163.4718517	Reservoir	Kup C

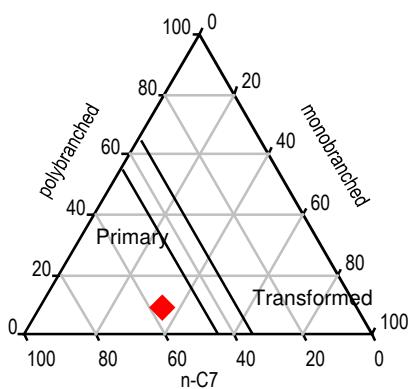
GC gasoline fraction



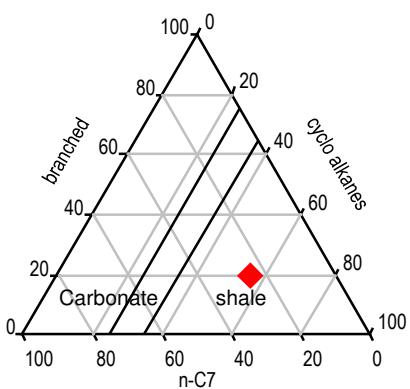
Peak areas

1: Methane	0
2: Ethane	1
3: Propane	2
4: 2-methylpropane (i-C4)	4
5: butane	6
6: 2-methylbutane (i-C5)	9
7: n-pentane	10
8: 2,2-dimethylbutane	1
9: cyclopentane	2
10: 2,3-dimethylbutane	4
11: 2-methylpentane	3
12: 3-methylpentane	5
13: n-hexane	9
14: methylcyclopentane	5
15: 2,2-dimethylpentane	3
16: benzene	1
17: 2,4-dimethylpentane	10
18: 2,2,3-trimethylbutane	1
19: Cyclohexane	1
20: 3,3-dimethylpentane	4
21: 1,1-dimethylcyclopentane	1
22: 2-methylhexane	2
23: 2,3-dimethylpentane	2
24: 1c3-dimethylcyclopentane	2
25: 3-methylhexane	4
26: 1t3-dimethylcyclopentane	1
27: 1t2-dimethylcyclopentane	3
28: 3-ethylpentane	0
29: 2,2,4-trimethylpentane (Standard)	621
30: n-heptane	14
31: 1c2-dimethylcyclopentane	23
32: methylcyclohexane	1
33: 1,1,3-trimethylcyclopentane	1
34: 2,2-dimethylhexane	1
35: ethylcyclopentane	1
36: 2,5-dimethylhexane	1
37: 2,4-dimethylhexane	1
38: 2,2,3-trimethylpentane	1
39: 1t2c4-trimethylcyclopentane	1
40: toluene	25

Alkane Distribution



Alkane/Cycloalkanes



C7 Alkanes (%)	
normal C7	56.01
monobranched	34.47
polybranched	9.52
Alkanes\cycloalkanes (%)	
normal C7	25.19
cycloalkanes	55.02
branched alkanes	19.78
Alkanes\cycloalkanes (%)	
normal C7	30.88
cycloalkanes	37.78
aromatics	31.34

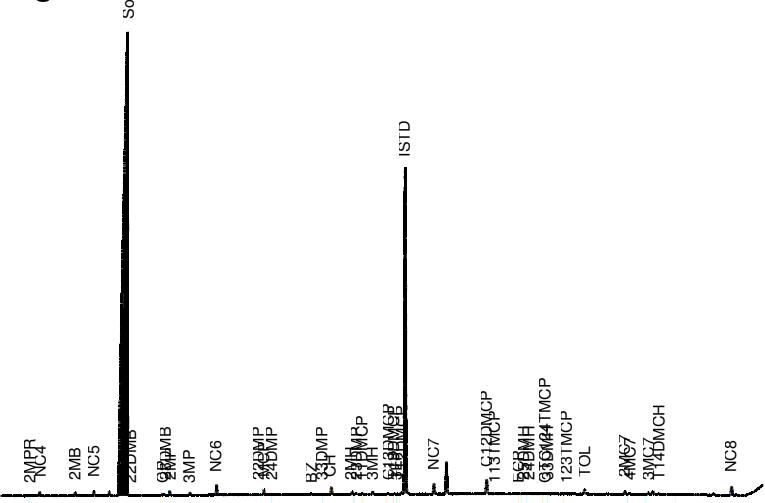
Parameters	
C7 fraction %	
C7 temperature (RWK)	132.04
C7 temperature (HOU)	120.41
C7 VR/E	0.85
Prime sum	0.75
PCI	0.01
Ring preference	
Three membered rings %	16.43
Five membered rings %	45.68
Six membered rings %	37.89

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158615
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	5934.7ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup C / A
Longitude	-163.4718517	Reservoir	Kup A

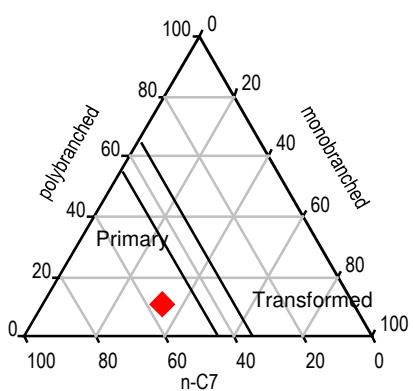
GC gasoline fraction



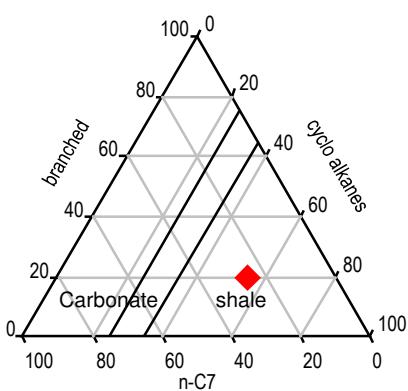
Peak areas

1: Methane	1
2: Ethane	5
3: Propane	7
4: 2-methylpropane (i-C4)	10
5: butane	1
6: 2-methylbutane (i-C5)	2
7: n-pentane	14
8: 2,2-dimethylbutane	1
9: cyclopentane	7
10: 2,3-dimethylbutane	1
11: 2-methylpentane	4
12: 3-methylpentane	1
13: n-hexane	14
14: methylcyclopentane	8
15: 2,2-dimethylpentane	0
16: benzene	1
17: 2,4-dimethylpentane	1
18: 2,2,3-trimethylbutane	1
19: Cyclohexane	14
20: 3,3-dimethylpentane	0
21: 1,1-dimethylcyclopentane	1
22: 2-methylhexane	5
23: 2,3-dimethylpentane	2
24: 1c3-dimethylcyclopentane	2
25: 3-methylhexane	6
26: 1t3-dimethylcyclopentane	2
27: 1t2-dimethylcyclopentane	4
28: 3-ethylpentane	0
29: 2,2,4-trimethylpentane (Standard)	649
30: n-heptane	20
31: 1c2-dimethylcyclopentane	32
32: methylcyclohexane	2
33: 1,1,3-trimethylcyclopentane	2
34: 2,2-dimethylhexane	1
35: ethylcyclopentane	1
36: 2,5-dimethylhexane	1
37: 2,4-dimethylhexane	1
38: 2,2,3-trimethylpentane	2
39: 1t2c4-trimethylcyclopentane	2
40: toluene	12

Alkane Distribution



Alkane/Cycloalkanes



C7 Alkanes (%)	
normal C7	56.17
monobranched	33.21
polybranched	10.61
Alkanes\cycloalkanes (%)	
normal C7	25.51
cycloalkanes	54.58
branched alkanes	19.91
Alkanes\cycloalkanes (%)	
normal C7	39.39
cycloalkanes	47.33
aromatics	13.29

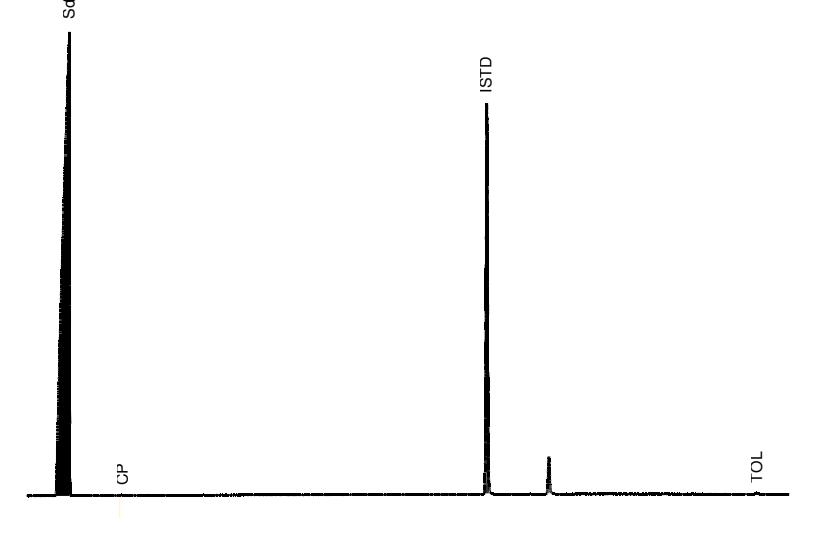
Parameters

C7 fraction %	
C7 temperature (RWK)	134.76
C7 temperature (HOU)	122.61
C7 VR/E	0.88
Prime sum	0.66
PCI	-0.01
Ring preference	
Three membered rings %	22.16
Five membered rings %	60.78
Six membered rings %	17.06

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



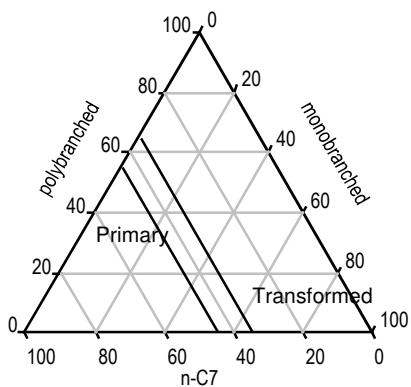
Country	United States	Sample id	FPC_1158617
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	5953.0ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup C / A
Longitude	-163.4718517	Reservoir	Kup A

GCⁿ gasoline fraction

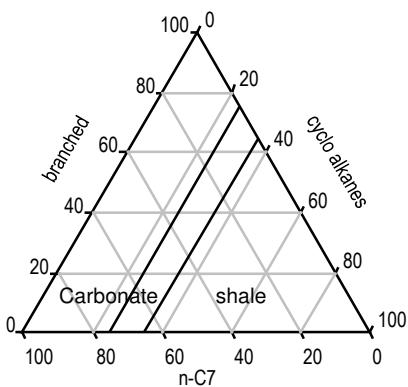
Peak areas

1: Methane	
2: Ethane	
3: Propane	
4: 2-methylpropane (i-C4)	
5: butane	
6: 2-methylbutane (i-C5)	
7: n-pentane	
8: 2,2-dimethylbutane	
9: cyclopentane	1
10: 2,3-dimethylbutane	
11: 2-methylpentane	
12: 3-methylpentane	
13: n-hexane	
14: methylcyclopentane	
15: 2,2-dimethylpentane	
16: benzene	
17: 2,4-dimethylpentane	
18: 2,2,3-trimethylbutane	
19: Cyclohexane	
20: 3,3-dimethylpentane	
21: 1,1-dimethylcyclopentane	
22: 2-methylhexane	
23: 2,3-dimethylpentane	
24: 1c3-dimethylcyclopentane	
25: 3-methylhexane	
26: 1t3-dimethylcyclopentane	
27: 1t2-dimethylcyclopentane	
28: 3-ethylpentane	
29: 2,2,4-trimethylpentane (Standard)	755
30: n-heptane	
31: 1c2-dimethylcyclopentane	
32: methylcyclohexane	
33: 1,1,3-trimethylcyclopentane	
34: 2,2-dimethylhexane	
35: ethylcyclopentane	
36: 2,5-dimethylhexane	
37: 2,4-dimethylhexane	
38: 2,2,3-trimethylpentane	
39: 1t2c4-trimethylcyclopentane	
40: toluene	4

Alkane Distribution



Alkane/Cycloalkanes



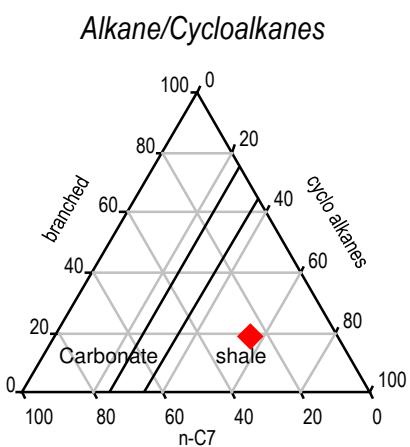
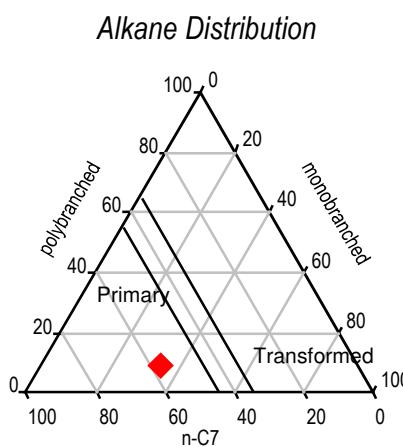
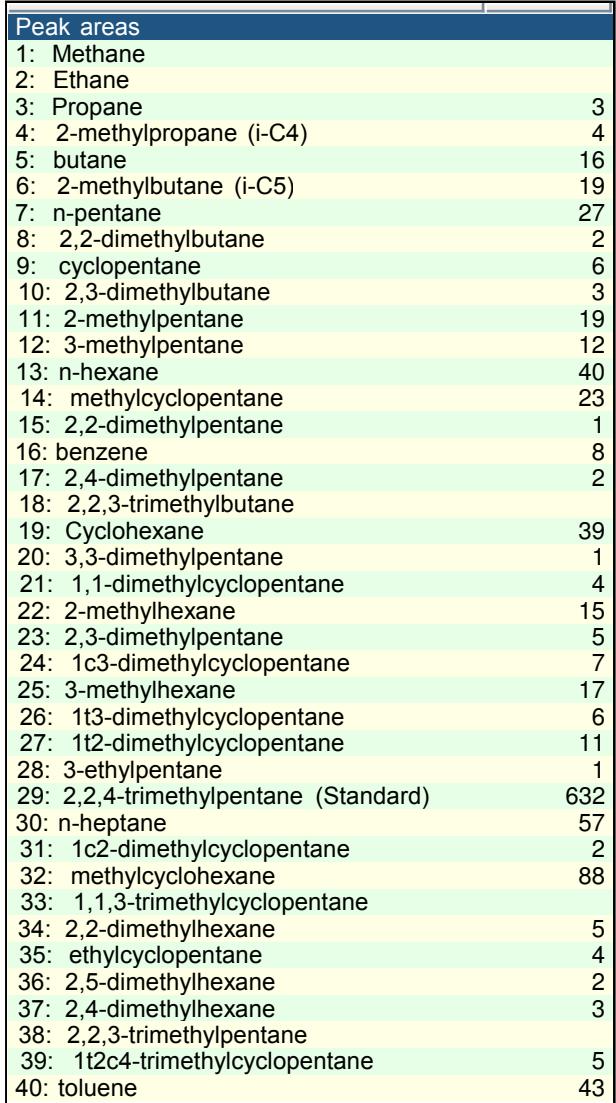
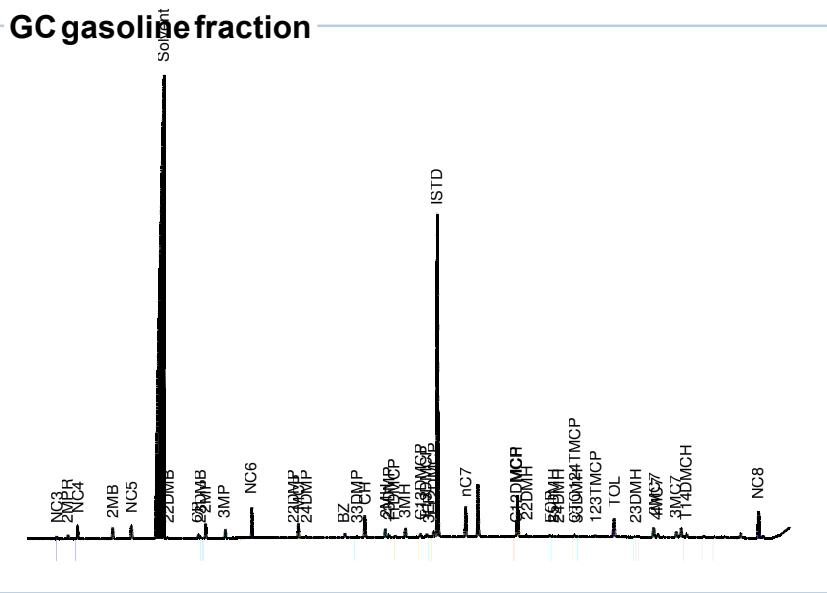
C7 Alkanes (%)	
normal C7	
monobranched	
polybranched	
Alkanes\cycloalkanes (%)	
normal C7	
cycloalkanes	
branched alkanes	
Alkanes\cycloalkanes (%)	
normal C7	0.00
cycloalkanes	0.00
aromatics	100.00

Parameters	
C7 fraction %	
C7 temperature (RWK)	
C7 temperature (HOU)	
C7 VR/E	
Prime sum	
PCI	
Ring preference	
Three membered rings %	0.00
Five membered rings %	0.00
Six membered rings %	100.00

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158623
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	5930.2ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup C / A
Longitude	-163.4718517	Reservoir	Kup A



C7 Alkanes (%)	
normal C7	57.33
monobranched	33.57
polybranched	9.09
Alkanes\cycloalkanes (%)	
normal C7	25.87
cycloalkanes	54.89
branched alkanes	19.25
Alkanes\cycloalkanes (%)	
normal C7	37.72
cycloalkanes	45.89
aromatics	16.39

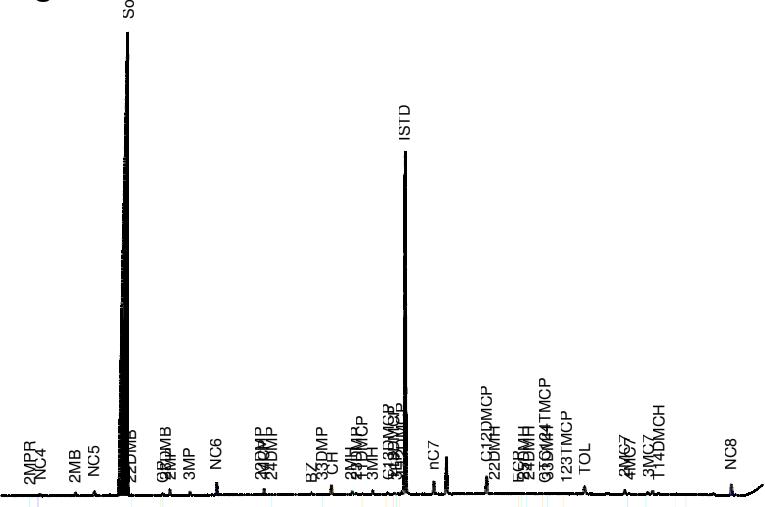
Parameters	
C7 fraction %	
C7 temperature (RWK)	133.85
C7 temperature (HOU)	125.51
C7 VR/E	0.87
Prime sum	0.99
PCI	0.15
Ring preference	
Three membered rings %	20.54
Five membered rings %	16.29
Six membered rings %	63.18

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158630
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	5927.1ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup C / A
Longitude	-163.4718517	Reservoir	Kup A

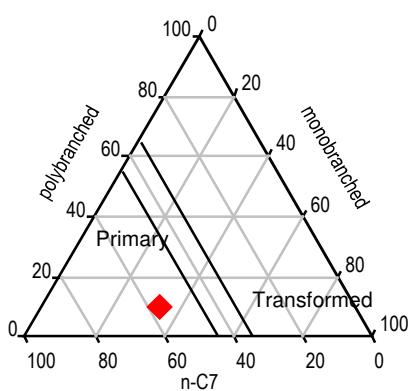
GC gasoline fraction



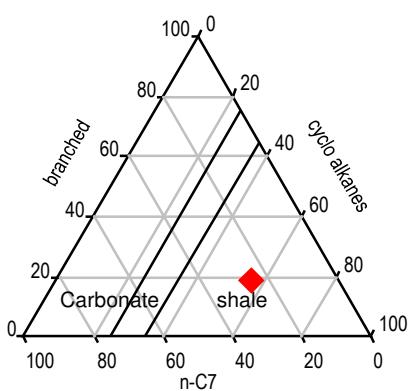
Peak areas

1: Methane	1
2: Ethane	3
3: Propane	6
4: 2-methylpropane (i-C4)	10
5: butane	1
6: 2-methylbutane (i-C5)	3
7: n-pentane	17
8: 2,2-dimethylbutane	1
9: cyclopentane	8
10: 2,3-dimethylbutane	5
11: 2-methylpentane	1
12: 3-methylpentane	9
13: n-hexane	0
14: methylcyclopentane	4
15: 2,2-dimethylpentane	1
16: benzene	17
17: 2,4-dimethylpentane	9
18: 2,2,3-trimethylbutane	0
19: Cyclohexane	1
20: 3,3-dimethylpentane	2
21: 1,1-dimethylcyclopentane	6
22: 2-methylhexane	3
23: 2,3-dimethylpentane	5
24: 1c3-dimethylcyclopentane	3
25: 3-methylhexane	1
26: 1t3-dimethylcyclopentane	3
27: 1t2-dimethylcyclopentane	5
28: 3-ethylpentane	1
29: 2,2,4-trimethylpentane (Standard)	670
30: n-heptane	25
31: 1c2-dimethylcyclopentane	39
32: methylcyclohexane	1
33: 1,1,3-trimethylcyclopentane	3
34: 2,2-dimethylhexane	2
35: ethylcyclopentane	1
36: 2,5-dimethylhexane	1
37: 2,4-dimethylhexane	1
38: 2,2,3-trimethylpentane	1
39: 1t2c4-trimethylcyclopentane	2
40: toluene	19

Alkane Distribution



Alkane/Cycloalkanes



C7 Alkanes (%)	
normal C7	57.08
monobranched	33.11
polybranched	9.82
Alkanes\cycloalkanes (%)	
normal C7	25.70
cycloalkanes	54.97
branched alkanes	19.33
Alkanes\cycloalkanes (%)	
normal C7	37.71
cycloalkanes	46.03
aromatics	16.27

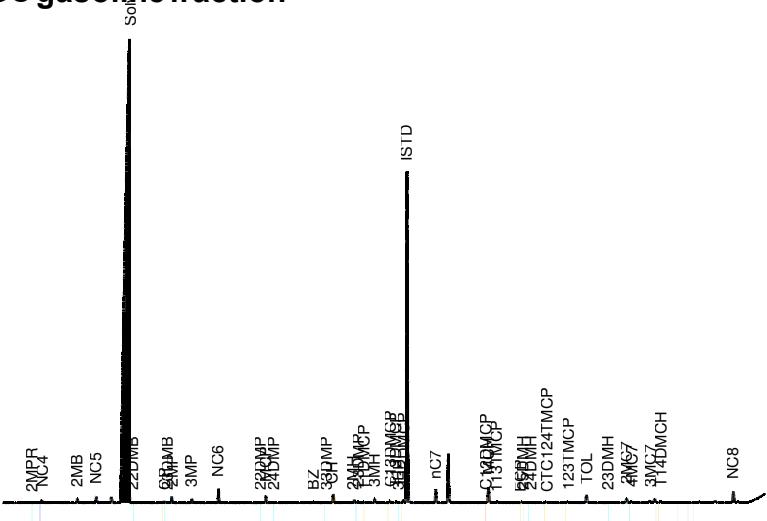
Parameters	
C7 fraction %	
C7 temperature (RWK)	134.58
C7 temperature (HOU)	122.23
C7 VR/E	0.88
Prime sum	0.70
PCI	-0.00
Ring preference	
Three membered rings %	20.62
Five membered rings %	58.65
Six membered rings %	20.73

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158645
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	6460.8ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup C / A
Longitude	-163.4718517	Reservoir	Kup D

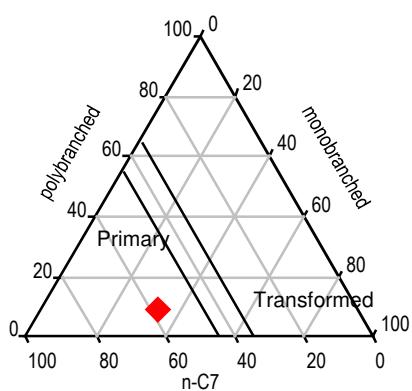
GC gasoline fraction



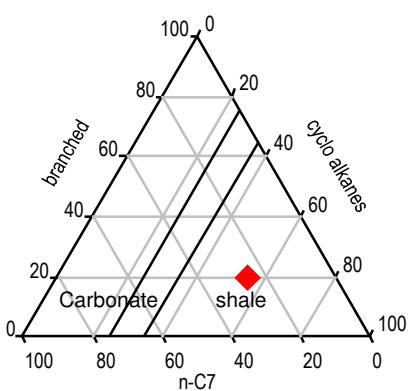
Peak areas

1: Methane	1
2: Ethane	3
3: Propane	7
4: 2-methylpropane (i-C4)	12
5: butane	0
6: 2-methylbutane (i-C5)	3
7: n-pentane	1
8: 2,2-dimethylbutane	8
9: cyclopentane	5
10: 2,3-dimethylbutane	19
11: 2-methylpentane	11
12: 3-methylpentane	0
13: n-hexane	15
14: methylcyclopentane	2
15: 2,2-dimethylpentane	1
16: benzene	6
17: 2,4-dimethylpentane	2
18: 2,2,3-trimethylbutane	3
19: Cyclohexane	0
20: 3,3-dimethylpentane	1
21: 1,1-dimethylcyclopentane	2
22: 2-methylhexane	3
23: 2,3-dimethylpentane	7
24: 1c3-dimethylcyclopentane	3
25: 3-methylhexane	6
26: 1t3-dimethylcyclopentane	3
27: 1t2-dimethylcyclopentane	2
28: 3-ethylpentane	1
29: 2,2,4-trimethylpentane (Standard)	633
30: n-heptane	25
31: 1c2-dimethylcyclopentane	1
32: methylcyclohexane	32
33: 1,1,3-trimethylcyclopentane	2
34: 2,2-dimethylhexane	1
35: ethylcyclopentane	1
36: 2,5-dimethylhexane	1
37: 2,4-dimethylhexane	1
38: 2,2,3-trimethylpentane	2
39: 1t2c4-trimethylcyclopentane	18
40: toluene	

Alkane Distribution



Alkane/Cycloalkanes



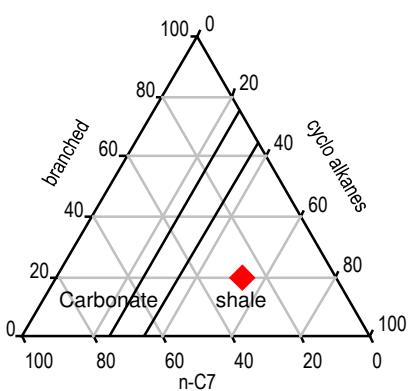
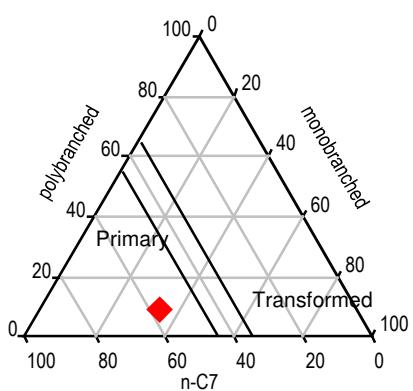
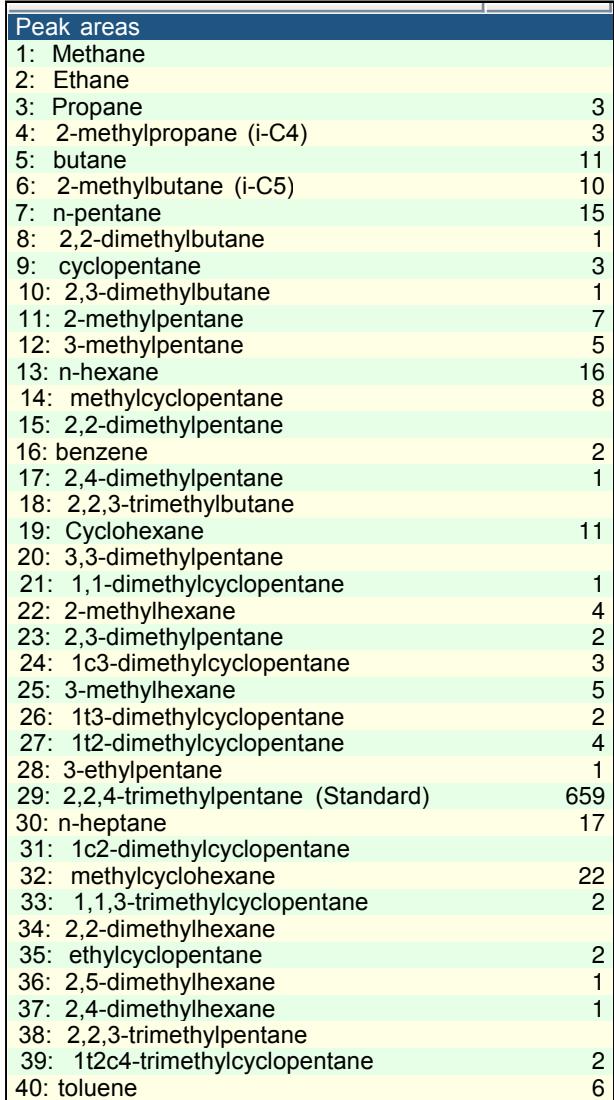
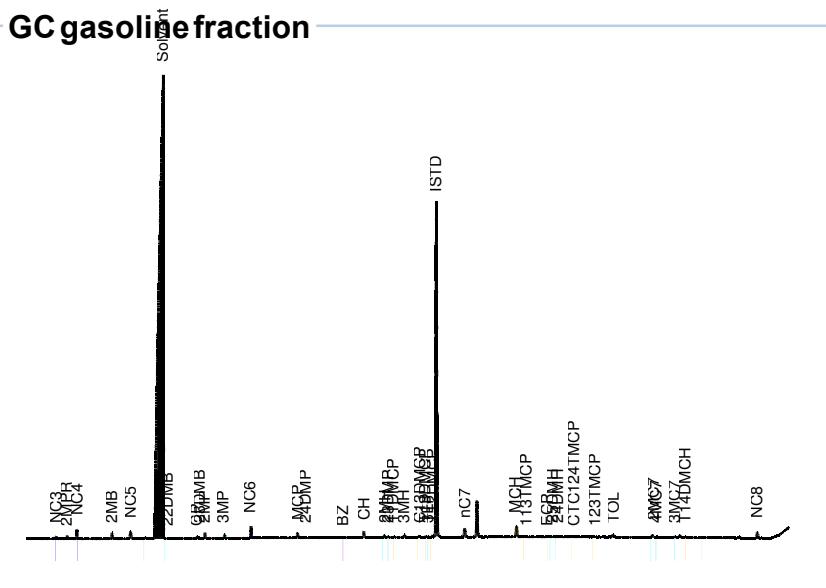
C7 Alkanes (%)	
normal C7	57.50
monobranched	32.90
polybranched	9.60
Alkanes\cycloalkanes (%)	
normal C7	26.52
cycloalkanes	53.88
branched alkanes	19.60
Alkanes\cycloalkanes (%)	
normal C7	38.61
cycloalkanes	45.12
aromatics	16.27

Parameters	
C7 fraction %	
C7 temperature (RWK)	132.76
C7 temperature (HOU)	119.16
C7 VR/E	0.86
Prime sum	0.94
PCI	0.08
Ring preference	
Three membered rings %	21.09
Five membered rings %	20.25
Six membered rings %	58.66

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158646
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	6472.5ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup D
Longitude	-163.4718517	Reservoir	Kup D



C7 Alkanes (%)	
normal C7	57.33
monobranched	33.84
polybranched	8.83
Alkanes\cycloalkanes (%)	
normal C7	27.11
cycloalkanes	52.71
branched alkanes	20.18
Alkanes\cycloalkanes (%)	
normal C7	42.96
cycloalkanes	47.88
aromatics	9.16

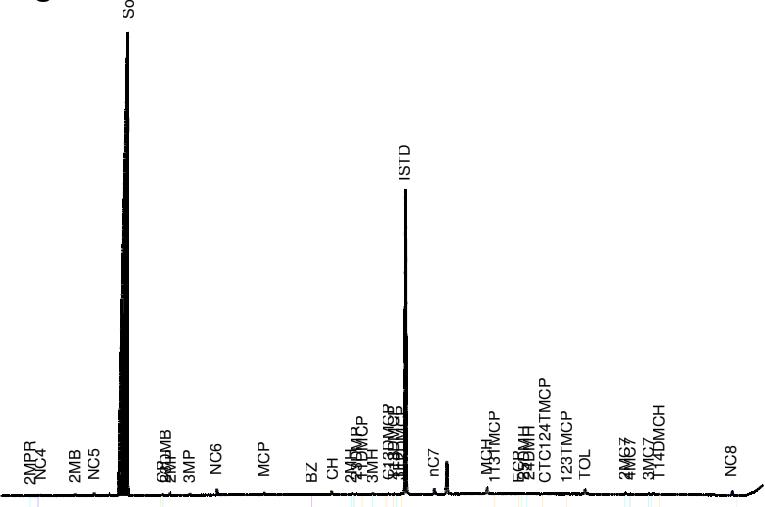
Parameters	
C7 fraction %	
C7 temperature (RWK)	133.60
C7 temperature (HOU)	123.02
C7 VR/E	0.87
Prime sum	0.98
PCI	0.13
Ring preference	
Three membered rings %	24.32
Five membered rings %	21.83
Six membered rings %	53.85

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158647
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	6481.5ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup D
Longitude	-163.4718517	Reservoir	Kup D

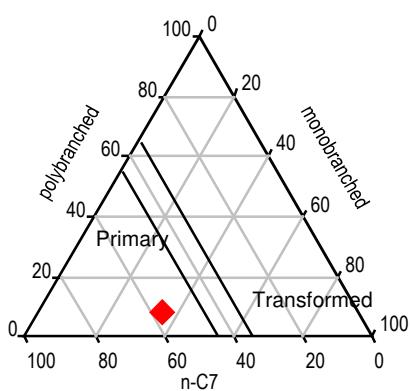
GC gasoline fraction



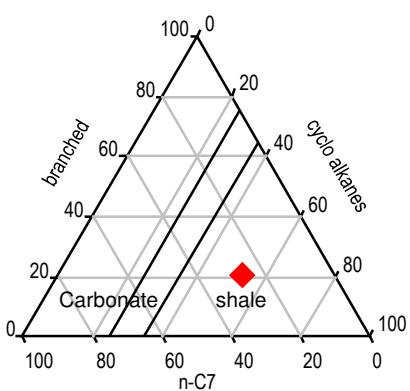
Peak areas

1: Methane	0
2: Ethane	2
3: Propane	4
4: 2-methylpropane (i-C4)	6
5: butane	2
6: 2-methylbutane (i-C5)	4
7: n-pentane	9
8: 2,2-dimethylbutane	5
9: cyclopentane	2
10: 2,3-dimethylbutane	1
11: 2-methylpentane	4
12: 3-methylpentane	3
13: n-hexane	1
14: methylcyclopentane	1
15: 2,2-dimethylpentane	7
16: benzene	1
17: 2,4-dimethylpentane	1
18: 2,2,3-trimethylbutane	2
19: Cyclohexane	1
20: 3,3-dimethylpentane	2
21: 1,1-dimethylcyclopentane	1
22: 2-methylhexane	3
23: 2,3-dimethylpentane	2
24: 1c3-dimethylcyclopentane	2
25: 3-methylhexane	4
26: 1t3-dimethylcyclopentane	1
27: 1t2-dimethylcyclopentane	2
28: 3-ethylpentane	0
29: 2,2,4-trimethylpentane (Standard)	598
30: n-heptane	11
31: 1c2-dimethylcyclopentane	14
32: methylcyclohexane	1
33: 1,1,3-trimethylcyclopentane	1
34: 2,2-dimethylhexane	1
35: ethylcyclopentane	1
36: 2,5-dimethylhexane	1
37: 2,4-dimethylhexane	1
38: 2,2,3-trimethylpentane	1
39: 1t2c4-trimethylcyclopentane	1
40: toluene	12

Alkane Distribution



Alkane/Cycloalkanes



C7 Alkanes (%)	
normal C7	56.58
monobranched	35.24
polybranched	8.18
Alkanes\cycloalkanes (%)	
normal C7	27.08
cycloalkanes	52.13
branched alkanes	20.79
Alkanes\cycloalkanes (%)	
normal C7	37.35
cycloalkanes	40.67
aromatics	21.98

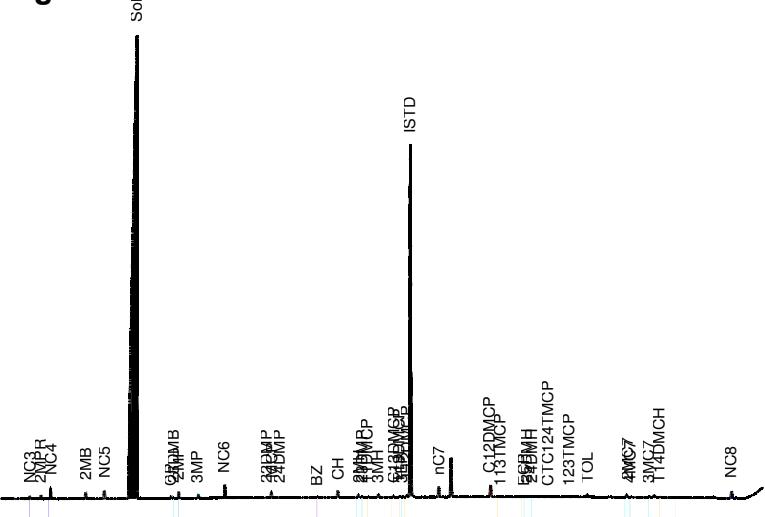
Parameters	
C7 fraction %	
C7 temperature (RWK)	132.40
C7 temperature (HOU)	
C7 VR/E	0.85
Prime sum	1.00
PCI	
Ring preference	
Three membered rings %	20.57
Five membered rings %	17.68
Six membered rings %	61.75

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158648
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	6492.5ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup D
Longitude	-163.4718517	Reservoir	Kup D

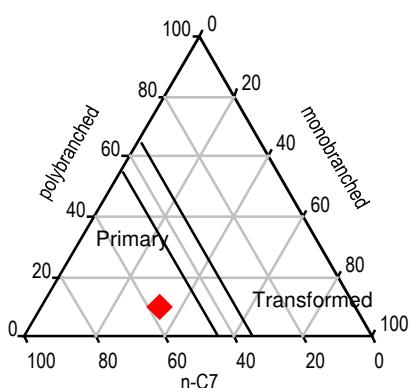
GC gasoline fraction



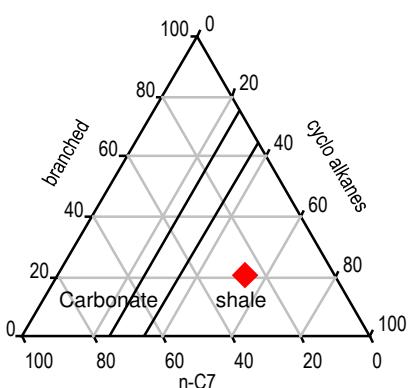
Peak areas

1: Methane	3
2: Ethane	4
3: Propane	13
4: 2-methylpropane (i-C4)	11
5: butane	17
6: 2-methylbutane (i-C5)	8
7: n-pentane	5
8: 2,2-dimethylbutane	18
9: cyclopentane	9
10: 2,3-dimethylbutane	0
11: 2-methylpentane	1
12: 3-methylpentane	13
13: n-hexane	5
14: methylcyclopentane	18
15: 2,2-dimethylpentane	9
16: benzene	0
17: 2,4-dimethylpentane	2
18: 2,2,3-trimethylbutane	1
19: Cyclohexane	13
20: 3,3-dimethylpentane	2
21: 1,1-dimethylcyclopentane	5
22: 2-methylhexane	2
23: 2,3-dimethylpentane	3
24: 1c3-dimethylcyclopentane	6
25: 3-methylhexane	3
26: 1t3-dimethylcyclopentane	5
27: 1t2-dimethylcyclopentane	5
28: 3-ethylpentane	1
29: 2,2,4-trimethylpentane (Standard)	685
30: n-heptane	20
31: 1c2-dimethylcyclopentane	26
32: methylcyclohexane	2
33: 1,1,3-trimethylcyclopentane	1
34: 2,2-dimethylhexane	1
35: ethylcyclopentane	1
36: 2,5-dimethylhexane	1
37: 2,4-dimethylhexane	1
38: 2,2,3-trimethylpentane	2
39: 1t2c4-trimethylcyclopentane	7
40: toluene	1

Alkane Distribution



Alkane/Cycloalkanes



C7 Alkanes (%)	
normal C7	56.67
monobranched	33.26
polybranched	10.07
Alkanes\cycloalkanes (%)	
normal C7	26.67
cycloalkanes	52.93
branched alkanes	20.40
Alkanes\cycloalkanes (%)	
normal C7	42.90
cycloalkanes	48.24
aromatics	8.86

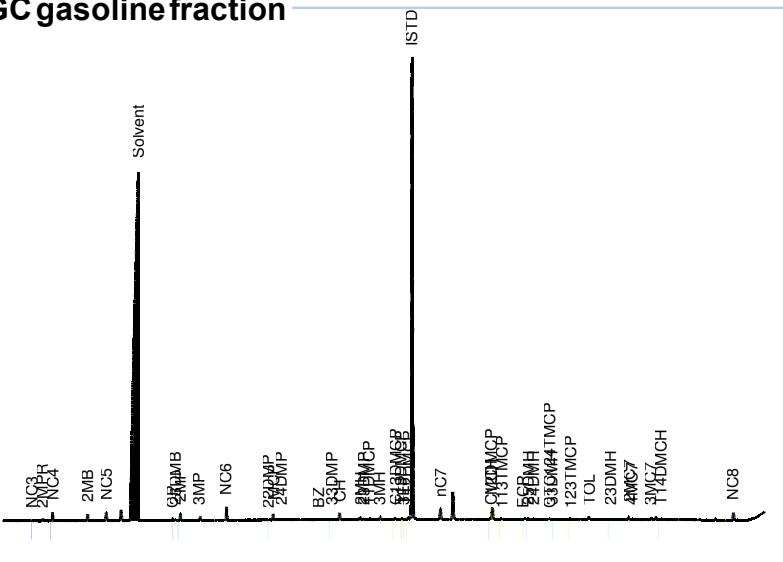
Parameters	
C7 fraction %	
C7 temperature (RWK)	132.91
C7 temperature (HOU)	124.31
C7 VR/E	0.86
Prime sum	0.67
PCI	0.01
Ring preference	
Three membered rings %	24.56
Five membered rings %	63.73
Six membered rings %	11.70

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



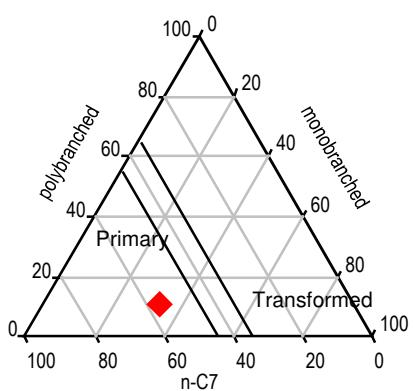
Country	United States	Sample id	FPC_1158650
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	6521.3ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup D
Longitude	-163.4718517	Reservoir	Kup D

GC gasoline fraction

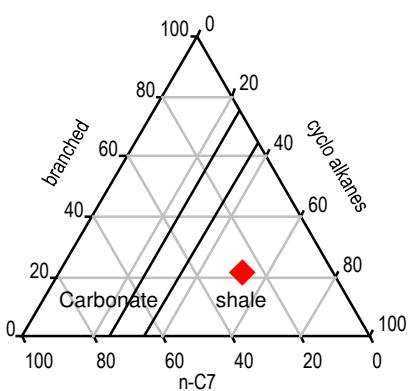


Peak areas	
1:	Methane
2:	Ethane
3:	Propane
4:	2-methylpropane (i-C4)
5:	butane
6:	2-methylbutane (i-C5)
7:	n-pentane
8:	2,2-dimethylbutane
9:	cyclopentane
10:	2,3-dimethylbutane
11:	2-methylpentane
12:	3-methylpentane
13:	n-hexane
14:	methylcyclopentane
15:	2,2-dimethylpentane
16:	benzene
17:	2,4-dimethylpentane
18:	2,2,3-trimethylbutane
19:	Cyclohexane
20:	3,3-dimethylpentane
21:	1,1-dimethylcyclopentane
22:	2-methylhexane
23:	2,3-dimethylpentane
24:	1c3-dimethylcyclopentane
25:	3-methylhexane
26:	1t3-dimethylcyclopentane
27:	1t2-dimethylcyclopentane
28:	3-ethylpentane
29:	2,2,4-trimethylpentane (Standard)
30:	n-heptane
31:	1c2-dimethylcyclopentane
32:	methylcyclohexane
33:	1,1,3-trimethylcyclopentane
34:	2,2-dimethylhexane
35:	ethylcyclopentane
36:	2,5-dimethylhexane
37:	2,4-dimethylhexane
38:	2,2,3-trimethylpentane
39:	1t2c4-trimethylcyclopentane
40:	toluene

Alkane Distribution



Alkane/Cycloalkanes



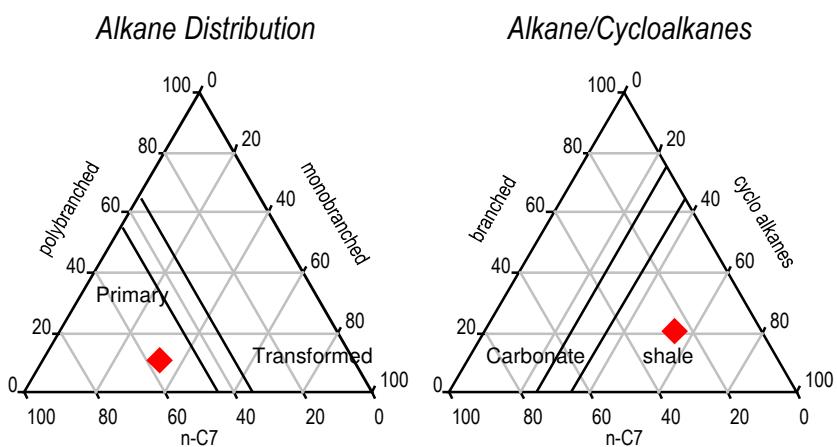
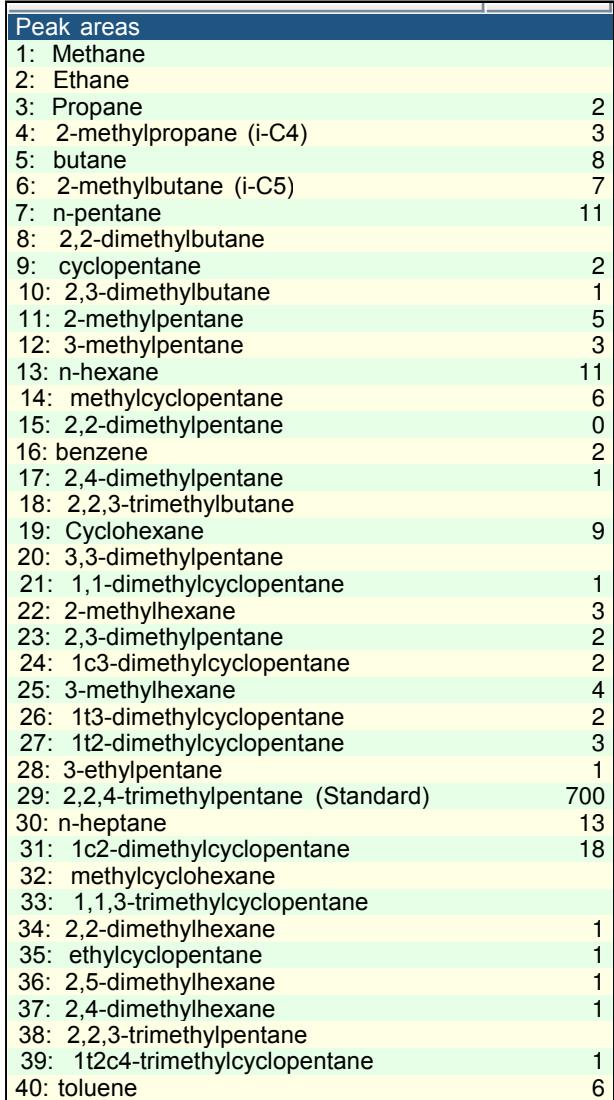
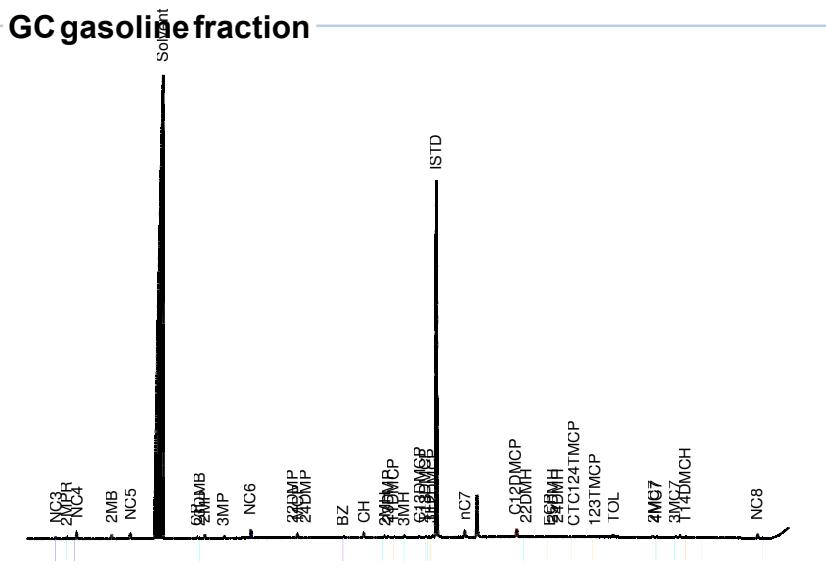
C7 Alkanes (%)	
normal C7	56.05
monobranched	32.80
polybranched	11.15
Alkanes\cycloalkanes (%)	
normal C7	27.09
cycloalkanes	51.67
branched alkanes	21.24
Alkanes\cycloalkanes (%)	
normal C7	44.62
cycloalkanes	47.71
aromatics	7.67

Parameters	
C7 fraction %	
C7 temperature (RWK)	133.10
C7 temperature (HOU)	120.46
C7 VR/E	0.86
Prime sum	0.88
PCI	0.06
Ring preference	
Three membered rings %	26.15
Five membered rings %	22.96
Six membered rings %	50.89

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158652
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	6514.1ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup D
Longitude	-163.4718517	Reservoir	Kup D



C7 Alkanes (%)	
normal C7	55.79
monobranched	32.81
polybranched	11.40
Alkanes\cycloalkanes (%)	
normal C7	25.90
cycloalkanes	53.58
branched alkanes	20.52
Alkanes\cycloalkanes (%)	
normal C7	41.19
cycloalkanes	47.53
aromatics	11.28

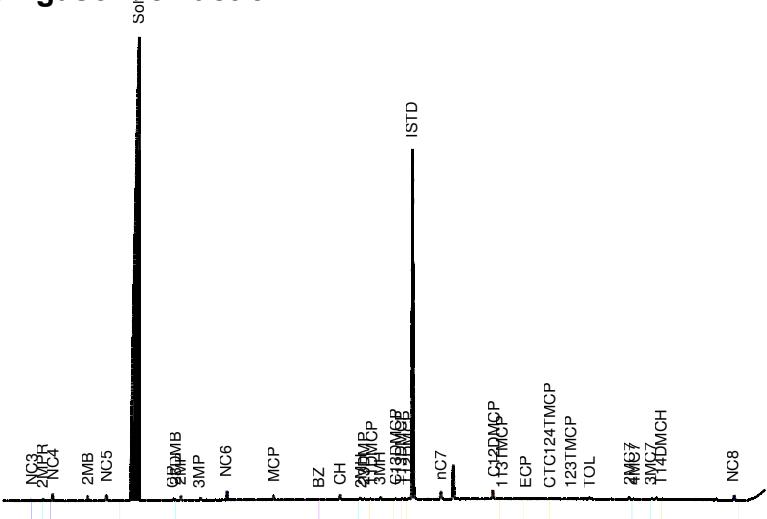
Parameters	
C7 fraction %	130.75
C7 temperature (RWK)	122.60
C7 temperature (HOU)	0.84
C7 VR/E	0.63
Prime sum	-0.02
PCI	
Ring preference	
Three membered rings %	23.64
Five membered rings %	61.72
Six membered rings %	14.64

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE



Country	United States	Sample id	FPC_1158653
Basin	UNKNOWN	Project	ZZPT/027520/010101
Lease	OCS-Y-2321	Request	FPC6196
Block	POSEY 6912	Sample type	Rock
Field	BURGER	Depth	6500.5ft
Well name	OCS-Y-2321 BURGER J 001	Age	Early Cretaceous
Latitude	71.1733498	Formation	Kup D
Longitude	-163.4718517	Reservoir	Kup D

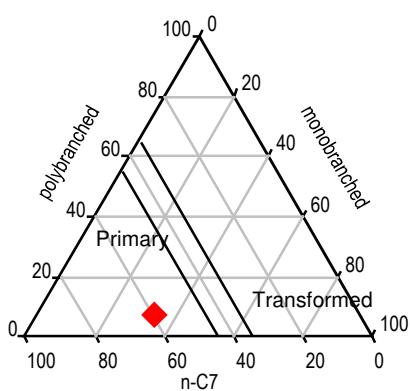
GC gasoline fraction



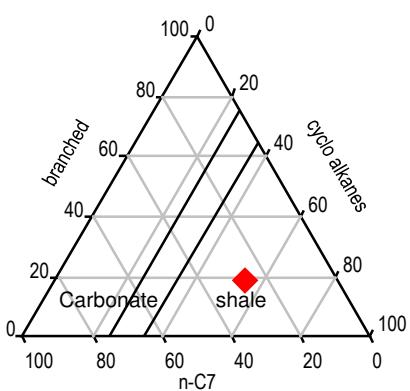
Peak areas

1: Methane	2
2: Ethane	3
3: Propane	8
4: 2-methylpropane (i-C4)	8
5: butane	12
6: 2-methylbutane (i-C5)	1
7: n-pentane	6
8: 2,2-dimethylbutane	4
9: cyclopentane	13
10: 2,3-dimethylbutane	7
11: 2-methylpentane	1
12: 3-methylpentane	9
13: n-hexane	1
14: methylcyclopentane	2
15: 2,2-dimethylpentane	1
16: benzene	1
17: 2,4-dimethylpentane	1
18: 2,2,3-trimethylbutane	1
19: Cyclohexane	1
20: 3,3-dimethylpentane	1
21: 1,1-dimethylcyclopentane	1
22: 2-methylhexane	2
23: 2,3-dimethylpentane	1
24: 1c3-dimethylcyclopentane	2
25: 3-methylhexane	1
26: 1t3-dimethylcyclopentane	2
27: 1t2-dimethylcyclopentane	1
28: 3-ethylpentane	3
29: 2,2,4-trimethylpentane (Standard)	679
30: n-heptane	15
31: 1c2-dimethylcyclopentane	19
32: methylcyclohexane	1
33: 1,1,3-trimethylcyclopentane	1
34: 2,2-dimethylhexane	1
35: ethylcyclopentane	1
36: 2,5-dimethylhexane	1
37: 2,4-dimethylhexane	1
38: 2,2,3-trimethylpentane	1
39: 1t2c4-trimethylcyclopentane	1
40: toluene	5

Alkane Distribution



Alkane/Cycloalkanes



C7 Alkanes (%)	
normal C7	59.00
monobranched	33.17
polybranched	7.83
Alkanes\cycloalkanes (%)	
normal C7	27.09
cycloalkanes	54.08
branched alkanes	18.83
Alkanes\cycloalkanes (%)	
normal C7	41.88
cycloalkanes	49.33
aromatics	8.78

Parameters	
C7 fraction %	
C7 temperature (RWK)	133.17
C7 temperature (HOU)	
C7 VR/E	0.86
Prime sum	0.83
PCI	
Ring preference	
Three membered rings %	22.81
Five membered rings %	65.52
Six membered rings %	11.67

Comments: SAMPLE
ANALYZED NEAT - LOW
SIGNAL RESPONSE