

GeoMet, Inc.  
Form FWP  
September 18, 2006

Corporate  
Presentation  
September 2006

## Edgar Filing: GeoMet, Inc. - Form FWP

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Issuer Free Writing Prospectus

Filed Pursuant To Rule 433

Registration Statement No. 333-131716

September 18, 2006

The issuer has filed a registration statement (including a prospectus) with the SEC for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC Web site at [www.sec.gov](http://www.sec.gov). Alternatively, the issuer, any underwriter or any dealer participating in the offering will arrange to send you the prospectus if you request it by calling (713) 287 2261. The prospectus relating to this offering is available by clicking on the following link:

<http://www.sec.gov/Archives/edgar/data/1352302/000119312506154235/ds1a.htm>

2  
Forward Looking Statements  
This  
presentation  
includes  
forward-looking  
statements

made  
in  
reliance  
on  
the  
safe  
harbor  
provisions  
of  
the  
Private  
Securities  
Litigation  
Reform  
Act  
of  
1995.  
Words  
such  
as  
"believes,"  
"anticipates,"  
"expects,"  
"intends,"  
"targeted,"  
and  
similar  
expressions,  
generally  
identify  
forward-looking  
statements  
and  
should  
be  
read  
carefully.  
These  
statements  
are  
based  
on  
GeoMet's  
current  
expectations  
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beliefs  
and  
are  
subject

to  
a  
number  
of  
risks,  
uncertainties  
and  
assumptions  
that  
could  
cause  
actual  
results  
to  
differ  
materially  
from  
those  
described  
in  
the  
forward-looking  
statements.

Risks,  
uncertainties  
and  
assumptions  
include  
(i)  
risks  
inherent  
in  
the  
exploration  
for  
and  
development  
and  
production  
of  
coalbed  
methane  
and  
in  
estimating  
reserves,  
(ii)  
the  
presence  
or

recoverability  
of  
estimated  
reserves,  
(iii)  
the  
ability  
to  
replace  
reserves,  
(iv)  
unexpected  
future  
capital  
expenditures,  
(v)  
general  
economic  
conditions,  
(vi)  
gas  
price  
volatility,  
(vii)  
the  
success  
of  
our  
hedging  
and  
other  
risk  
management  
activities,  
(viii)  
competition,  
(ix)  
regulatory  
changes,  
(x)  
the  
ability  
of  
management  
to  
execute  
its  
plans  
to  
meet

its  
goals,  
(xi)  
cost  
and  
availability  
of  
transportation  
to  
get  
our  
gas  
to  
market,  
and  
(xii)  
other  
factors  
discussed  
in  
GeoMet's  
filings  
with  
the  
United  
States  
Securities  
and  
Exchange  
Commission.  
GeoMet  
assumes  
no  
obligation  
to  
publicly  
update  
or  
revise  
any  
forward-looking  
statements  
contained  
in  
this  
presentation,  
whether  
as  
a  
result

of  
new  
information,  
future  
events,  
or  
otherwise.



3

Corporate Highlights

Coalbed Methane is Our Only Business

Experienced technical team of CBM professionals

Track record of success (Black Warrior, Raton, Central Appalachia and Cahaba Basins)

Comparative advantage

Characteristics of Coalbed Methane

Availability of large scale, high-impact resource projects at attractive costs

Attractive CBM operating profile

Low geologic risks

Low F&D costs

Low production costs

Long-lived reserves

Initially inclining production rates

Positioned for Growth

646 identified additional drilling locations (148 pud, 498 probable)

Increase in recovery factors

Exploration projects

4

Coalbed Methane

An Unconventional Resource

Coalbeds exist over large geographic expanses

Significant resource potential

Low geologic and development risks (corehole drilling, gas desorption tests)

Higher gas in place at shallow depths

Incremental investment decisions drive down development and operating risk

Gas Manufacturing

business

Large-scale projects

Economies of scale drive down costs

Long-lived reserves with low decline rates after initial production incline

Success is not dependent on identifying coals, but on optimizing

production

Technical issues require experienced personnel

Undeveloped Resources in Established Resource Plays

(

As of June 30, 2006, except for reserve and production data)

Peace River (British Columbia)

18,287 net CBM acres

3 coreholes drilled

3 test wells producing

Houston,  
TX

Corporate  
Headquarters  
Birmingham,  
AL

Technical  
Headquarters  
Production and Development Area  
Exploration and Evaluation Area  
North Central Louisiana  
119,244 net CBM acres  
17 exploration / production  
wells drilled  
Cahaba (Alabama)  
145 Bcf of estimated proved reserves (YE 05)  
42,326 net CBM acres  
Est. current net sales of 6,300 Mcf/d  
2006 capex  
of \$45 MM to drill 75 wells  
335 additional drill sites  
Appalachia (Virginia/West Virginia)  
114 Bcf of estimated proved reserves (YE 05)  
55,631 net CBM acres  
Est. current net sales of 11,300 Mcf/d  
2006 capex  
of \$20 MM to drill 40 wells  
311 additional drill sites  
5

6

Resource Plays with Significant Upside

(1)

Based on the December 31, 2005 reserve report prepared by DeGolyer and MacNaughton, independent petroleum engineers.

(2)

The PV-10 was calculated using a flat gas price of \$9.66 per Mcf.

(3)

Net productive wells in developing projects

Proved  
Reserves  
at  
(12/31/05)

Drilling  
and  
Acreage  
Inventory  
at  
(6/30/06)

Proved  
Proved  
Developed  
Percent

PV-10  
(2)  
(MMcf)  
(MMcf)  
Developed  
(\$MM)

Appalachia:

Pond Creek

114,458

79,864

70%

366

\$

Alabama:

Gurnee Field (Cahaba Basin)

145,062

112,517

78%

497

Other

2,991

2,758

92%

17

Total

262,511

195,139

74%

880

\$

NOTE: R/P - 39.7 years (8.4 year half life)

Estimated

Proved Reserves

(1)

Field



Net  
 Additional  
 Productive  
 Drilling  
 Basin  
 Wells  
 (3)  
 Locations  
 Total  
 Developed  
 Undeveloped  
 Appalachia  
 178  
 311  
 55,631  
 12,659  
 42,972  
 Cahaba  
 176  
 335  
 42,326  
 11,000  
 31,326  
 North Central Louisiana  
 -  
 -  
 119,244  
 -  
 119,244  
 British Columbia  
 -  
 -  
 18,287  
 -  
 18,287  
 Piceance  
 -  
 -  
 16,949  
 -  
 16,949  
 Other (United States)  
 -  
 -  
 13,880  
 -  
 13,880  
 Total  
 354  
 646

266,317

23,659

242,658

Estimated Net CBM Acres

7  
Track Record of Growth  
Daily Sales  
Proved  
Reserves  
(2)  
Capital

Expenditures

(2)

Net

Wells

Drilled

(2)

(1)

Excludes \$27 million for acquisition of producing properties in Pond Creek.

(2)

Proved reserves, capital expenditures and net wells drilled include White Oak Creek Field working interest, sold in 2004.

(1)

E

E

5,837

6,806

8,709

2,024

3,246

7,226

12,585

3,813

3,560

1,483

15,721

0

2,000

4,000

6,000

8,000

10,000

12,000

14,000

16,000

18,000

2002

2003

2004

2005

1H 2006

Other Sales

Production Sold in 2004

17

36

104

210

263

0

50

100

150

200  
250  
300  
2001  
2002  
2003  
2004  
2005  
\$13  
\$36  
\$59  
\$59  
\$90  
0  
20  
40  
60  
80  
100  
2002  
2003  
2004  
2005  
2006  
12  
63  
92  
98  
125  
0  
20  
40  
60  
80  
100  
120  
140  
2002  
2003  
2004  
2005  
2006

8  
Project Inventory Lifecycle  
GeoMet has a deep inventory of resource play development projects at all stages of the asset  
lifecycle  
EARLY  
STAGE  
MATURE

Exploration / Evaluation  
Development / Production  
HIGHER RISK  
LOWER RISK  
Emerging  
Projects  
North Central  
Louisiana  
Lasher  
Peace  
River  
Cahaba /  
Pond Creek  
Increased  
Density  
Drilling  
Cahaba  
Pond Creek  
White Oak  
Creek  
Mature  
Production

Development Projects





10

Cahaba Project (Gurnee Field)

A Significant Development Opportunity

Other Operators

Water Discharge Pipeline

SONAT Interstate Pipeline

SONAT Bessemer Calera Pipeline

GeoMet12 High Pressure Pipeline

Black Warrior Methane

El

Paso

Energen

Energen

Constellation

Dominion

Resources

El

Paso

White Oak

Creek

Dominion

Resources

GeoMetInc. Projects

N  
0  
4  
8  
Miles  
Black  
Warrior  
Basin  
Cahaba  
Basin  
GeoMet  
Cahaba  
Operations  
Black  
Warrior  
River  
Cahaba  
River  
Other Operators  
Water Discharge Pipeline  
SONAT Interstate Pipeline  
SONAT Bessemer Calera Pipeline  
GeoMet12 High Pressure Pipeline  
Black Warrior Methane  
El  
Paso  
Energen  
Energen  
Constellation  
Dominion  
Resources  
El  
Paso  
White Oak  
Creek  
Dominion  
Resources  
GeoMetInc. Projects  
N  
0  
4  
8  
Miles  
Black  
Warrior  
Basin  
Cahaba  
Basin  
GeoMet  
Cahaba

Operations

Black

Warrior

River

Cahaba

River

Southeast of Black Warrior Basin with thicker coal seams and similar gas content

Pennsylvanian Age Pottsville coals (same as Warrior Basin)

Twice average coal thickness (50 feet) / twice average resource in place

42,326 net acres under lease

Operator -

GeoMet

100% WI

Other operators in the basin -

CDX

11

Cahaba Project (Gurnee Field)

Project Profile

First gas sales in January 2004

Full scale development commenced March 2005

after completion of 38.5 mile water disposal

pipeline to Black Warrior River

145 Bcf of estimated proved reserves (Recovery factor approximately 55%) at YE 05  
31 coreholes and 540 gas desorption tests allows for accurate estimate of gas in place  
Estimated current net sales  
6,300 Mcf /day  
176 wells drilled with 335 additional undrilled locations remaining  
9.2 mile (expanding to 17 mile) 12-inch high-pressure steel pipeline interconnecting with Sonat  
Projected 2006 capex  
Approximately \$45 MM  
(75 wells, including 10 infill wells)  
Approximately 100 new wells each year starting in 2007

-Compressor Sites

- Well Locations

- Drilled Coreholes

GeoMet, Inc.

- Potential Drill Locations

- Proved Developed

- Proved Undeveloped

0

2 mi.

1 mi.

- Sonat Gas Line

- High Pressure Line

- Water Disposal Line

38.5 mile water discharge line  
to Black Warrior River

12

High Pressure Pipeline

Compressor Sites

Cahaba

River

12  
0  
1000  
2000  
3000  
4000  
5000

6000

7000

8000

0

2000

4000

6000

8000

10000

12000

14000

16000

18000

20000

GeoMet Daily Gas Sales

Daily Water Production

Cahaba Project (Gurnee field)

Increasing Daily Sales

144A

Roadshow

Completion of

water

discharge

pipeline

IPO

Roadshow







CDX  
Wise  
Scott  
0  
10  
Miles  
20  
GeoMet  
Operations  
Other Operations  
Cardinal II Pipeline  
Columbia KA -20 Pipeline  
N  
Equitable  
Resources  
Dickinson  
CNX Gas  
Buchanan  
McDowell  
Wyoming  
Raleigh  
GeoMet  
Pond  
Creek  
Project  
Penn  
Virginia  
Lasher  
Prospect  
CDX  
Wise  
Scott  
0  
10  
Miles  
20  
0  
10  
Miles  
20  
GeoMet  
Operations  
Other Operations  
Cardinal II Pipeline  
Columbia KA -20 Pipeline  
N  
N  
Equitable  
Resources  
Dickinson

CNX Gas  
Buchanan  
McDowell  
Wyoming  
Raleigh  
GeoMet  
Pond  
Creek  
Project  
Penn  
Virginia  
Lasher  
Prospect  
Pond Creek Project  
West Virginia, Virginia border  
Pennsylvanian Age Pottsville coals  
Coal thickness ranges from 10  
30 feet  
34,982 net acres under lease  
Operator -  
GeoMet  
100% WI  
Other operators in the basin  
CNX Gas, Equitable  
Resources, Penn Virginia, and CDX  
Lasher Prospect  
Additional development project  
16,548 net acres under lease  
2 test wells drilled  
4 coreholes drilled

14  
Pond Creek Project  
Project Profile  
First gas sales  
February 2003  
114 Bcf of estimated proved reserves (Recovery  
factor approximately 64%) at YE 05

12 coreholes and 205 gas desorption tests allow  
for accurate estimate of gas in place

Estimated current net sales

11,300 Mcf / day

178 wells drilled with 311 additional undrilled  
locations

Projected 2006 capex

Approximately \$26 MM

(includes 40 wells and \$5.5 MM for pipeline)

Approximately 40 new wells each year

Scale

0

2mi

1mi

- Compressor Sites

- Well Sites

- Drilled Coreholes

GeoMet, Inc.

- Potential Drill Locations

- Proved Developed

- Shut In Wells

- Proved Undeveloped

ABANDONED

MINES

ABANDONED

MINES

- Pipelines

Compressor Sites

Cardinal States Gathering

Cardinal II Pipeline

15  
0  
1,000  
2,000  
3,000  
4,000  
5,000

6,000

7,000

8,000

9,000

10,000

11,000

12,000

13,000

14,000

15,000

Feb-03

Apr-03

Jul-03

Sep-03

Dec-03

Mar-04

May-04

Aug-04

Nov-04

Jan-05

Apr-05

Jun-05

Sep-05

Dec-05

Feb-06

May-06

Aug-06

0

25

50

75

100

125

150

175

200

225

250

275

300

Pond Creek Project

Increasing Daily Sales

144A

Roadshow

IPO

Roadshow

GeoMet Daily Gas Sales

Well Count



Exploration and  
Evaluation Properties

17  
36,573 gross acres (18,287 net acres) in  
northeastern British Columbia, approximately  
60 miles from Fort St. John  
Cretaceous Age Gething coals  
Net coal thickness greater than existing  
development projects

Depths from 1,000 to 3,000 feet

High gas contents

100 MMcf/d of available pipeline capacity within 3 miles

GeoMet operates with a 50% working interest

Attractive royalty incentive package for CBM development

Deductions for gas & water gathering and water disposal

\$50,000 royalty credit for wells drilled before 2008

A summer drilling royalty credit of 10% of capital well cost up to \$100,000 per well

Expected royalty rate < 10%

No severance tax

Peace River Prospect

Project Profile

British

Columbia

Fort

St. John

18

Prior Activity (6/30/06):

Drilled 3 coreholes

Drilled 2 pilot wells -  
producing

Recompleted 1 existing well -  
producing

Recompleted and tested water disposal well

Estimated investment as of 6/30/06 -

\$8.6 MM

Additional 2006 Activity:

Drilling 4 production test wells

Drill 1 water disposal well

Projected 2H 2006 capex -

\$4.4 MM (net)

Seek to expand acreage position (acquired an additional 3,573 gross acres in May)

Peace River Prospect

Project Profile

0

1 km

2 km

6/20/2006

Date:

GeoMet, Inc.

- Producing

- Corehole

- Salt Water Disposal Well

Hudson's

Hope

New

Acreage

?

19

Winn, LaSalle and Caldwell Parishes

119,244 net acres

Coals of lignite and sub-bituminous rank

The coals are a member of the Wilcox Formation  
which includes sands, shales and siltstones

17 test wells and 60 gas desorption tests allow for

accurate estimate of gas in place  
Redrilled two original test wells  
Other operators in the area: Devon, Chesapeake,  
Harvest Gas and Spooner  
Technical difficulties related to zonal isolation and  
water encroachment  
Other Exploration & Evaluation Prospects  
North Central Louisiana  
Cameo Prospect  
Mesa County, Colorado (Piceance  
Basin)  
14,600 net acres in the southwestern portion of the  
basin  
Drilled 1 core hole and conducted gas desorption  
tests  
The gas content and coal thickness are favorable  
for CBM development  
Pursuing opportunities to increase our acreage  
position in this area

Summary Financial Information



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Strong Financial Profile

Growing production and cash flow

Growing reserve and resource base

Low finding and development costs

Declining unit operating costs

Solid balance sheet

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Stockholder's equity increased \$107 MM in first half 2006 (proforma)

Five year credit facility, \$150 MM borrowing base

Favorable hedging position

Management team has significant public company experience

Savvy financial sponsor (Yorktown Partners, LLC)

22  
Low Finding and Development Costs  
(1)  
Finding  
and  
development  
costs

include  
total  
capital  
expenditures  
for  
exploration,  
development  
and  
acquisition  
of  
proved  
reserves  
including  
the  
net  
change  
for  
the  
period  
in  
both  
future  
development  
costs  
and  
the  
carrying  
value  
of  
unproved  
properties.  
(2)  
Reserve  
additions  
for  
the  
period  
used  
to  
compute  
finding  
and  
development  
costs  
have  
been  
estimated  
by  
independent  
petroleum

engineers  
and  
adjusted  
for  
revisions  
to  
previous  
estimates.

(3)

Data  
from

J.S.

Herold

Database.

Includes

a

broad

universe

of

Large-Cap,

Mid-Cap

and

Small-Cap

E&P

companies.

3 Year Average (including future development costs)

(1) (2)

Cahaba Project (Gurnee Field)

\$0.86 per Mcf

Pond Creek Project (Pond Creek Field)

\$0.98 per Mcf

Combined

\$0.95 per Mcf

3 Year Average (excluding future development costs)

GeoMet

\$0.74 per Mcf

E&P Composite Index

(3)

\$2.47 per Mcf

23

Prototypical CBM Field

Inclining Production / Declining Unit Costs

Source: Actual historical performance of a Black Warrior Basin project.

Early Stage

Intermediate

Stage

Mature Stage

0

250

500

750

1,000

1,250

1,500

1,750

2,000

2,250

\$0.00

\$0.50

\$1.00

\$1.50

\$2.00

\$2.50

\$3.00

\$3.50

\$4.00

\$4.50

\$5.00

\$5.50

Gas

Water

Wells

LOE

24

Pro Forma Capitalization

(1) 5,750,000 share offering at \$10 per share (net of underwriting discount and expenses estimated at \$850,000).

(2)

Long-term debt at 6/30/06 includes \$73,000,000 of bank debt..

(3) Proved reserves at 12/31/05 of 262.5 Bcf

(\$ in thousands)



Actual  
Proforma  
(1)  
Cash  
983  
\$  
983  
\$  
Long-Term Debt  
(2)  
73,862  
\$  
21,237  
\$  
Stockholders' Equity  
149,616  
\$  
202,241  
\$  
Total Capitalization  
223,478  
\$  
223,478  
\$  
Bank Debt / Capitalization  
33%  
10%  
Bank Debt / Proved Mcf  
(3)  
0.28  
\$  
\$0.09  
June 30,

25

Natural Gas Production Hedges

(1)

Protection is the difference between the floor price and the point where the floor price phases out. It remains a constant premium

Hedge Quantity

Three Way Collars

MMBtu

Cap  
Floor  
Protection  
(1)  
Summer 2006 (Jul  
Oct)  
Winter 2006 / 2007  
Summer 2007  
Winter 2007 / 2008  
Summer 2008

1,476,000

1,510,000

1,712,000

1,216,000

1,712,000

8.49

11.02

10.50

14.80

10.50

\$

\$

\$

\$

\$

7.00

8.20

7.38

9.00

7.00

\$

\$

\$

\$

\$

1.12

1.50

1.63

3.00

2.00

\$

\$

\$

\$

\$

Weighted Average Price / MMBtu

26

Corporate Highlights

Coalbed Methane is Our Only Business

Experienced technical team of CBM professionals

Track record of success (Black Warrior, Raton, Central Appalachia and Cahaba Basins)

Comparative advantage

Characteristics of Coalbed Methane

Availability of large scale, high-impact resource projects at attractive costs

Attractive CBM operating profile

Low geologic risks

Low F&D costs

Low production costs

Long-lived reserves

Initially inclining production rates

Positioned for Growth

646 identified additional drilling locations (148 pud, 498 probable)

Increase in recovery factors

Exploration projects

Appendix

28

Proven Management Team

J. Darby Seré

President and Chief Executive Officer

35 years of oil and gas experience including 17 years as CEO of 2 publicly traded companies

Former President and CEO of Bellwether Exploration Company

Former President and CEO of Bayou Resources, Inc.

William C. Rankin

Executive Vice President and Chief Financial Officer

35 years of experience including 29 years as financial officer with publicly and privately owned energy companies

Former CFO of Bellwether Exploration Company

Former CFO of Contour Energy Company

Former CFO of Hadson Energy Resources Corporation

Philip G. Malone

Senior Vice President of Exploration

Founder of GeoMet

31 years of experience as a CBM / Coal geologist

Former chief geologist at USX Corporation

Recognized worldwide author and speaker on coalbed methane

Brett S. Camp

Senior Vice President of Operations

Founder of GeoMet

25 years of experience as a CBM / Coal geologist at USX and GeoMet

17 years of experience managing CBM development projects



29

Three gas fired reciprocating compressors are currently in service

Current capacity is approximately 12.6 MMcf / d

Fourth compressor to be added in late 2006

38.5 Mile Water Pipeline from Cahaba to the Black Warrior River

Design Capacity

45,000 barrels per day

Two Water Treatment Ponds at the Cahaba Project

36,000 barrels/each

One Water Discharge Pond at the Black Warrior River

18,000 barrels

Water Gathering Lines -

76 miles of high density polyethylene ranging from 2 to 8 inches in diameter

9 mile 12-inch high-pressure steel pipeline interconnecting with Sonat

Re-activating and extending an additional 8 miles in 2006

72 miles of high density polyethylene low pressure pipeline ranging from 3 to 12 inches in diameter

Cahaba Project (Gurnee Field)

Facilities Overview

Compression

Water Treatment

Pipeline

30

Water Gathering Lines

93 miles of high density polyethylene ranging  
from 2 to 3 inches in diameter

6,000 barrels of brine water storage capacity

connected to water gathering lines  
One salt water disposal facility with capacity of  
1,440 barrels per day  
High pressure

6 miles of 6 inch diameter  
Low Pressure

90 miles of high density polyethylene ranging  
from 3 to 16 inches in diameter  
Four gas fired reciprocating compressors are in  
service at Pond Creek #1 compressor station  
totaling 5,000 HP  
One electric compressor at Pond Creek #2  
compressor station totaling 1,250 HP  
Current capacity of these five units is  
approximately 16 MMcf / d  
Second electric compressor to be added late 2006

Pond Creek Project  
Facilities Overview  
Compression  
Water Treatment  
Pipeline