

REFERENCES | SCALE 1"=100'

WELL COORDINATES
 WV STATE PLANE
 SOUTH ZONE NAD 1927
 N. 107696.49
 E. 1758408.91

TEE Engineering Company, Inc.
 320 Cutlers Hill Court
 Lexington, KY 40509
 (859) 263-5350
 Fax (859) 263-5345

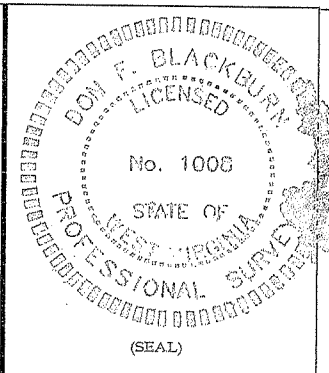
GeoMet Operating Company, Inc.
 Well No. ROGERS 101-104-203

FILE NO. 1883-08/2004 WELLS
 DRAWING NO. WELL ROGERS 203 PLAT
 SCALE: 1" = 2,000'
 MIN. DEGREE OF ACCURACY 1 : 2,500
 PROVEN SOURCE OF ELEVATION
 GPS STATION TEC-1 (ELEV. 2406.60)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

Don F. Blackburn
 (SIGNATURE)

R.P.E. _____ R.P.S. 1008



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE JANUARY 17, 2005
 OPERATOR'S WELL NO. ROGERS 101-104-203
 API WELL NO. 47 - 047 - 02048C
 STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS X CBM LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 2,219.79' NORTHING 107696.49 EASTING 1758408.91
 DISTRICT SANDY RIVER WATER SHED DRY MONDAY BRANCH OF BRADSHAW CREEK
 QUADRANGLE BRADSHAW COUNTY McDOWELL
 SURFACE OWNER VANSANT COAL CORPORATION ACREAGE _____
 CBM ROYALTY OWNER LBR HOLDINGS, LLC LEASE ACREAGE 3,836.13
 LEASE NO. RECORDING IN PROGRESS
 PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
 STIMULATE X PLUG OFF OLD FORMATION _____ PEFORATE NEW
 FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 1,987'
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 BIRMINGHAM, ALABAMA 35244
 ADDRESS 330 HARPER PARK DRIVE SUITE A BECKLEY, WV 25801

Mc Dow 2048 C

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MAR 25 2005

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

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Well Operator's Report of Well Work

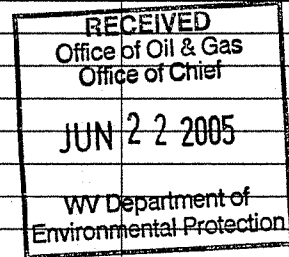
FARM NAME: Vansant Coal Corporation OPERATOR WELL NO.: PC 101-104-203

LOCATION:

Elevation: 2,219.79' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 11,276 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 14,765 Feet West of 81 Deg. 47 Min. 30 Sec.

Company: <u>GeoMet Operating Company</u>	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
Address: <u>5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244</u>	<u>13-3/8"</u>	<u>16'</u>	<u>16'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Bill Hatfield</u>	<u>8-5/8"</u>	<u>431.9'</u>	<u>431.9'</u>	<u>97/Pumped 144</u>
Date Permit Issued: <u>March 23, 2005</u>				
Date Well Work Commenced: <u>May 9, 2005</u>	<u>5-1/2</u>	<u>1982'</u>	<u>1982'</u>	<u>343/Pumped 228</u>
Date Well Work Completed: <u>May 20, 2005</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>1989'</u>				
Fresh Water Depth (feet): <u>Unknown</u>				
Salt Water Depth (feet): <u>Unknown</u>				
Is coal being mined in area (N/Y)? <u>No</u>				



Coal Depths (feet): 549, 551, 578, 701, 779, 903, 945, 969, 1009, 1238, 1262, 1292, 1304, 1323, 1366, 1407, 1422, 1457, 1494, 1522, 1537, 1563, 1599, 1616, 1618, 1639, 1701, 1711, 1744, 1749, 1779, 1848, 1886

OPEN FLOW DATA

Producing formation All Zones Commingled Pay zone depth (ft) _____
Gas: Initial Open Flow 69 MCF/d Oil: Initial Open Flow _____ Bbl/d
Final Open Flow N/A MCF/d Final Open Flow _____ Bbl/d
Time of Open Flow between initial and final tests N/A Hours
Static Rock Pressure 125 psig (surface pressure) after 96 Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

SIGNED: _____
BY: Karen Dye
DATE: June 15, 2005

SEP 02 2005

SEP 02 2005

Mc Dow 2048

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: GEOMET

HOLE #: 203

LOCATION: THREE FORKS

DRILL RIG #: 45

DATE STARTED: 05-09-05

DATED COMPLETED: 05-13-05

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH	THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC
0	16	16	SAND STONE 16' W/ 13 3/8" CASING
16	30	14	SAND STONE
30	60	30	SANDY SHALE
60	90	30	SANDY SHALE / COAL
90	120	30	SANDY SHALE
120	150	30	SAND STONE
150	180	30	SAND STONE / COAL
180	210	30	SAND STONE / SANDY SHALE
210	300	90	SAND STONE
300	330	30	SANDY SHALE / SAND STONE
330	390	60	SAND STONE / COAL
390	450	60	SANDY SHALE 431.9' W/ 8 5/8" CASING
420	450		CEMENT
450	480	30	SAND STONE
480	510	30	SANDY SHALE
510	600	90	SAND STONE
600	690	90	SANDY SHALE
690	720	30	SANDY SHALE / COAL
720	750	30	SAND STONE / SANDY SHALE
750	780	30	SANDY SHALE / COAL
780	810	30	SAND STONE
810	840	30	SANDY SHALE / COAL / SAND STONE
840	870	30	SAND STONE
870	900	30	SAND STONE / COAL / SANDY SHALE
900	930	30	SAND STONE
930	960	30	SANDY SHALE
960	1080	120	SANDY SHALE
1080	1230	150	SAND STONE
1230	1670	440	
1670	1710	40	SAND STONE / SANDY SHALE
1710	1740	30	SANDY SHALE / COAL
1740	1770	30	SANDY SHALE / SAND STONE
1770	1800	30	SAND STONE
1800	1830	30	SAND STONE / COAL
1830	1860	30	SANDY SHALE
1860	1890	30	SANDY SHALE
1890	1920	30	SANDY SHALE / SAND STONE
1920	1985	65	SAND STONE

1985.00 FT. TOTAL DEPTH

16.00 FT. OF 13 3/8" CASING

431.90 FT. OF 8 5/8" CASING

**GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification**

Well Name **Rogers 203**

PBTD

1990

Zone and Perforation Table

Frac Stage 1 Interval	1699-1701		Ball Out Yes	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1744	1746				
N2 Scf	189,000		1778-1779 Ball out Bridge Plug 1680'		15,000	16,000
Acid	250					
Gel Volume	6,100					
ISIP	1,558					
ATP	2,461					
AIR	27.5	BPM				
Stage 2 Interval	1,597	1599				
N2 Scf	313,000		1615-1617 1639-1641 Ball Out Bridge Plug 1585'			
Acid	500					
Gel Volume	7,762					
ISIP	1,629					
ATP	2,438					
AIR	29	BPM				
Stage 3 Interval	1,493	1495				
N2 Scf	433,000		1521-1523 1535-1537 1562-1564 Ball Out Bridge Plug 1470'			
Acid	500					
Gel Volume	10,700					
ISIP	1,585					
ATP	2,687					
AIR	29	BPM				
Stage 4 Interval	1,365	1367				
N2 Scf	258,000		1406-1408 1422-1423 Ball Out Bridge Plug 1350'			
Acid	500					
Gel Volume	6,050					
ISIP	1,246					
ATP	2,388					
AIR	29.5	BPM				
Stage 5 Interval	1,291	1293				
N2 Scf	336,000		1303-1305 1322-1324 Ball Out Bridge Plug 1280'			
Acid	500					
Gel Volume	6,426					
ISIP	1,384					
ATP	2,614					
AIR	30	BPM				

M-Dow 2048

