

TEE Engineering Company, Inc.
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 Lexington, KY 40509
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GeoMet Operating Company, Inc.
Well No. ROGERS 100-104-173

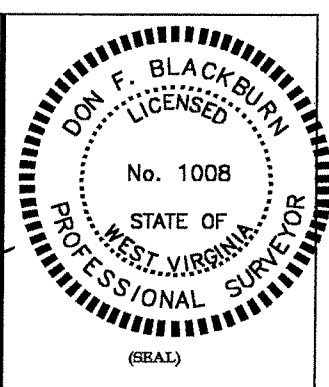
FILE NO. 1883-08/2005 WELLS
 DRAWING NO. WELL ROGERS 173 PLAT
 SCALE: 1" = 2,000'
 MIN. DEGREE OF ACCURACY 1 : 2,500
 PROVEN SOURCE OF ELEVATION
GPS STATION TEC-1 (ELEV. 2406.60)

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)

utms calc from state plane coord.
 N 4187352.5
 E 4255829.05

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



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

DATE FEBRUARY 16, 2005
 OPERATOR'S WELL NO. ROGERS 100-104-173

API WELL NO. 47 - 047 - 02057-C
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS X CBM LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW

LOCATION: ELEVATION 2,128.21' NORTHING 107303.00 EASTING 1755570.00
 DISTRICT SANDY RIVER WATER SHED MIDDLE FORK OF BRADSHAW CREEK
 QUADRANGLE BRADSHAW COUNTY McDOWELL

SURFACE OWNER NANCY WIMMER 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 1,895.51'
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 ADDRESS 330 HARPER PARK DRIVE SUITE A
BIRMINGHAM, ALABAMA 35244 BECKLEY, WV 25801

66(350)

APR 22 2005

Mc Dow 2057C

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

APPS

Well Operator's Report of Well Work

FARM NAME: Nancy Wimmer OPERATOR WELL NO.: PC 100-104-173

LOCATION:

Elevation: 2,128.21' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 3,524 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude: 458 Feet West of 81 Deg. 50 Min. 00 Sec.

*UTMS Calc from State
Plane
N 41273525
E 425529.1
words*

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>366'</u>	<u>366'</u>	<u>82/Pumped 102</u>
Date Permit Issued: <u>April 22, 2005</u>				
Date Well Work Commenced: <u>May 26, 2005</u>	<u>5-1/2</u>	<u>1886'</u>	<u>1886'</u>	<u>327/Pumped 209</u>
Date Well Work Completed: <u>June 3, 2005</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u> </u> Rig <u> </u>				
Total Depth (feet): <u>1910'</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>				

RECEIVED
Office of Oil & Gas
Office of Chief
JUN 22 2005
WV Department of Environmental Protection

Coal Depths (feet): 483, 490, 632, 728, 734, 755, 836, 866, 894, 933, 1050, 1052, 1183, 1216, 1236, 1288, 1351, 1427, 1462, 1489, 1491, 1516, 1541, 1543, 1565, 1618, 1654, 1669, 1705, 1780, 1789, 1807

OPEN FLOW DATA

Producing formation All Zones Commingled Pay zone depth (ft) _____
Gas: Initial Open Flow 28 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 120 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: [Signature]
BY: Karen Rye
DATE: June 15, 2005

Mc Dow 2057

SEP 02 2005

SEP 02 2005

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: GEOMET

HOLE #: 173

LOCATION: COMPTON MTN

DRILL RIG #: 76

DATE STARTED: 05-26-05

DATED COMPLETED: 05-30-05

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	10	10	OVERBURDEN	
10	60	50	SANDY SHALE 15.4' W/ 13 3/8" CASING	
60	120	60	SAND/SHALE/COAL	
120	210	90	SANDY SHALE	
210	330	120	SAND/SHALE/COAL	
330	360	30	SANDY SHALE	
360	390	30	SAND/SHALE/COAL	
			366.3' W/ 8 5/8" CASING	
390	450	60	SANDY SHALE	
450	480	30	SANDY SHALE/COAL	
480	540	60	SAND STONE	
540	570	30	SAND STONE/SANDY SHALE	
570	630	60	SANDY SHALE	
630	660	30	SAND/SHALE/COAL	
660	690	30	SANDY SHALE	
690	720	30	SAND/SHALE/COAL	
720	750	30	SANDY SHALE	
750	780	30	SHALE/SAND	
780	840	60	SAND/SHALE/COAL	
840	900	60	SANDY SHALE	
900	930	30	SAND/SHALE/COAL	
930	990	60	SANDY SHALE	
990	1110	120	SAND	
1110	1140	30	SANDY/SHALE	
1140	1170	30	SANDY SHALE	
1170	1230	60	SAND/SHALE/COAL	
1230	1260	30	SANDY SHALE	
1260	1290	30	SAND/SHALE/COAL	
1290	1320	30	SAND	
1320	1350	30	SANDY SHALE	
1350	1380	30	SAND STONE	
1380	1410	30	SANDY SHALE	
1410	1470	60	SANDY SHALE/COAL	
1470	1530	60	SAND STONE	
1530	1560	30	SANDY SHALE/SAND STONE/COAL	
1560	1590	30	SAND STONE (HARD)	
1590	1680	90	SAND/SHALE/COAL	
1680	1710	30	SAND	
1710	1770	60	SANDY SHALE	
1770	1800	30	SAND/SHALE/COAL	
1800	1830	30	SAND/SHALE/COAL	
1830	1890	60	SANDY SHALE	

Well Name Rogers 173

PBTD

1886'

Zone and Perforation Table

Stage 6 Interval	836-837		Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	865	866				
N2 Scf	219,000		893-894	933-934 1049-1050 Ball Out Bridge Plug 780'	20,000	20,800
Acid	500					
Gel Volume	4,200					
ISIP	1,210					
ATP	2,366					
AIR	31	BPM				
Stage 7 Interval	727	730				
N2 Scf	171,000		733-734	754-757 Ball Out No Bridge Plug		
Acid	500					
Gel Volume	3,660					
ISIP	1,137					
ATP	2,729					
AIR	29	BPM				
Stage 8 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR		BPM				
Stage 9 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR		BPM				
Stage 10 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR						

Mc Dow 2057

GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification

Well Name Rogers 173

PBTD

1886'

Zone and Perforation Table

Frac Stage 1 Interval	1617-1619		Ball Out Yes	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1653	1654				
N2 Scf	262,000		1668-1670	1806-1808 Ball out Bridge Plug 1590'	25,000	25,200
Acid	350					
Gel Volume	3,990					
ISIP	1,303					
ATP	2,365					
AIR	30.5	BPM				
Stage 2 Interval	1,489	1491				
N2 Scf	250,000		1516-1518	1541-1544 1565-1566 Ball Out Bridge Plug 1480'		
Acid	500					
Gel Volume	4,032					
ISIP	1,387					
ATP	2,310					
AIR	31	BPM				
Stage 3 Interval	1,426	1428				
N2 Scf	262,000		1462-1464	Ball Out Bridge Plug 1380'		
Acid	500					
Gel Volume	4,872					
ISIP	1,246					
ATP	2,363					
AIR	26.5	BPM				
Stage 4 Interval	1,216	1218				
N2 Scf	334,000		1235-1237	1287-1289 1351-1352 Ball Out Bridge Plug 1200'		
Acid	500					
Gel Volume	5,460					
ISIP	1,218					
ATP	2,955					
AIR	27.5	BPM				
Stage 5 Interval	1,182	1184				
N2 Scf	265,000			Bridge Plug 1090'		
Acid	250					
Gel Volume	4,452					
ISIP	1,404					
ATP	2,940					
AIR	25	BPM				

1890

1910

20

1886' W/ 5 1/2" CASING
SAND/SHALE

1910.00 FT. TOTAL DEPTH

15.40 FT. OF 13 3/8" CASING

366.30 FT. OF 8 5/8" CASING

1886.00 FT. OF 5 1/2" CASING

Mc Dow 2057

SEP 02 2005

SEP 09 2005