

TEE Engineering Company, Inc.
 320 Quers Hill Court
 Lexington, KY 40509
 (859) 263-5350
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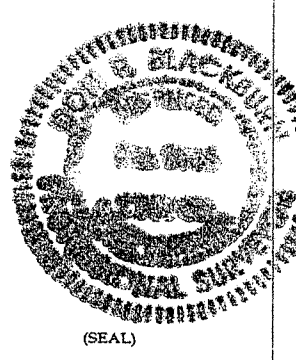
GeoMet Operating Company, Inc.
 Well No. 261 WV-T17 CDJ

FILE NO. 1883-08/2007 WELLS
 DRAWING NO. CDJ 261 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.

[Signature]
 (SIGNATURE)

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



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

DATE MARCH 8, 2007
 OPERATOR'S WELL NO. 261 WV-T17 CDJ
 API WELL NO. 47 - 047 - 2392C
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2,039.73 NORTHING 125320.64 EASTING 1748109.94
 DISTRICT SANDY RIVER WATER SHED BRADSHAW CREEK
 QUADRANGLE BRADSHAW COUNTY McDOWELL

SURFACE OWNER DOROTHY VANCE ACREAGE _____
 CBM ROYALTY OWNER CLEVINGER, DELEANY, JEWELL LEASE ACREAGE 329
 LEASE NO. RECORDING IN PROGRESS

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
 STIMULATE 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' APR 27 2007
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT CT CORPORATION SYSTEM
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 ADDRESS 707 VA. STREET EAST
BIRMINGHAM, ALABAMA 35244 CHARLESTON, WV 25301

(Brodshaw 383) 6-6

MCDOWELL 2392C

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

Well Operator's Report of Well Work

FARM NAME: Dorothy Vance

OPERATOR WELL NO.: CDJ 261 WV-T17

LOCATION:

Elevation: 2,039.73'

Quadrangle: Bradshaw

District: Sandy River
Latitude: 9,612' Feet
Longitude: 12,407' Feet

County: McDowell
South of 37 Deg. 22 Min. 30 Sec.
West of 81 Deg. 50 Min. 00 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>16"</u>	<u>11'</u>	<u>11'</u>	
Agent: <u>Adam Salyers</u>				
Inspector: <u>Barry Stollings</u>	<u>11-3/4"</u>	<u>487'</u>	<u>487'</u>	<u>231/Pumped 276</u>
Date Permit Issued: <u>April 25, 2007</u>				
Date Well Work Commenced: <u>May 14, 2007</u>	<u>8-5/8"</u>	<u>603'</u>	<u>603'</u>	<u>84/Pumped 210</u>
Date Well Work Completed: <u>May 30, 2007</u>				
Verbal Plugging:	<u>5-1/2"</u>	<u>1952'</u>	<u>1952'</u>	<u>359/Pumped 410</u>
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u> </u> Rig <u> </u>				
Total Depth (feet): <u>1,980'</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>				

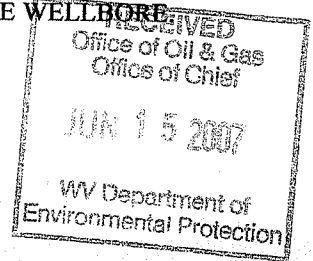
Coal Depths (feet): 712.76, 853.74, 932.18, 960.72, 964.78, 1023.5, 1041.4, 1104.2, 1248.4, 1260.3, 1264.6, 1358.1, 1379.4, 1421.6, 1594.2, 1601, 1602.3, 1639.4, 1673.9, 1700.3, 1714.5, 1750.5, 1793.9, 1845.7, 1849, 1886.8, 1919.2

OPEN FLOW DATA

Producing formation All Zones Commingled Pay zone depth (ft) _____
Gas: Initial Open Flow 36 MCF/d Oil: Initial Open Flow _____ Bbl/d
Final Open Flow _____ MCF/d Final Open Flow _____ Bbl/d
Time of Open Flow between initial and final tests _____ Hours
Static Rock Pressure 190 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 Rife
DATE: June 13, 2007



McDowell 2392M

AUG 10 2007

WVS 0 1 004

COMPANY: GEOMET

HOLE #: 261

LOCATION: BRADSHAW, WV

DRILL RIG #: 14

DATE STARTED: 05-11-07

DATED COMPLETED: 05-24-07

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	11	11	OVERBURDEN/SAND STONE	
11	25	14	SAND STONE	
25	180	155	SAND	
180	210	30	SAND/COAL/SAND	
210	240	30	SAND/COAL/SANDY SHALE	
240	270	30	SANDY SHALE/SAND	
270	300	30	SAND/COAL/SANDY SHALE	
300	330	30	SANDY SHALE	
330	360	30	SANDY SHALE/SAND	
360	390	30	SAND	
390	420	30	SAND/SANDY SHALE	
420	428	8	SANDY SHALE	
428	433	5	VOID	
433	475	42	SAND	
475	487	12	SAND	
487	515	28	SAND/COAL/SAND	
515	545	30	SAND	
545	575	30	SAND/SANDY SHALE	
575	625	50	SANDY SHALE	
625	695	70	SANDY SHALE	
695	725	30	SANDY SHALE/COAL/SAND	
725	755	30	SAND/SANDY SHALE	
755	790	35	SANDY SHALE	
790	820	30	SANDY SHALE/COAL/SANDY SHALE	
820	850	30	SANDY SHALE	
850	880	30	SANDY SHALE/COAL/SAND	
880	910	30	SAND/COAL/SANDY SHALE	
910	940	30	SANDY SHALE	
940	970	30	SANDY SHALE/COAL/SAND	
970	1000	30	SAND/SANDY SHALE	
1000	1030	30	SANDY SHALE/COAL/SANDY SHALE	
1030	1090	60	SANDY SHALE	
1090	1120	30	SANDY SHALE/COAL/SANDY SHALE	
1120	1150	30	SAND	
1150	1210	60	SAND/COAL/SAND	
1210	1300	90	SAND	
1300	1330	30	SANDY SHALE	
1330	1360	30	SAND	
1360	1390	30	SAND	
1390	1420	30	SAND/COAL/SAND	
1420	1530	110	SAND	
1530	1590	60	SAND/COAL/SAND	
1590	1620	30	SANDY SHALE	
1620	1680	60	SANDY SHALE/COAL/SANDY SHALE	
1680	1710	30	SANDY SHALE/SAND	
1710	1800	90	SAND	
1800	1860	60	SANDY SHALE	
1860	1890	30	SAND/SHALE	
1890	1920	30	SAND/SANDY SHALE	
1920	1950	30	SANDY SHALE/SAND	
1950	1980	30	SAND	

1980.00 FT. TOTAL DEPTH
11.00 FT. OF 16" CASING
487.00 FT. OF 11 3/4" CASING
603.00 FT. OF 8 5/8" CASING

AUG 10 2007

Well Name **CDJ 261**

PBTD

1980

Zone and Perforation Table

Stage 6 Interval		HBP			Est Sand Weight	Actual Sand Weight
N2 Scf	157,000	SCF	1022.5-1024.5			
Acid	500	GAL	1103.5-1105.5		12,500	12,800
Gel Volume	2,587	GAL	24 Perf Holes BALLED OUT W/ 24 BALLS BRIDGE PLUG @ 975			
ISIP	1,324	PSI				
ATP	2,653	PSI				
AIR	25	BPM				
Stage 7 Interval		HBP			Est Sand Weight	Actual Sand Weight
N2 Scf	159,000	SCF	931-933	959-961		
Acid	500	GAL	963-965		17,500	18,600
Gel Volume	2,489	GAL	36 Perf Holes BALLED OUT W/ 36 BALLS BRIDGE PLUG @ 0			
ISIP	1,275	PSI				
ATP	2,354	PSI				
AIR	28	BPM				

5
30
07

5
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07

McDowell 2392.M

AUG 10 2007

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