

REFERENCES | SCALE 1"=100'

WELL COORDINATES
WV STATE PLANE
SOUTH ZONE NAD 1927
N. 122292.95
E. 1774356.70

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

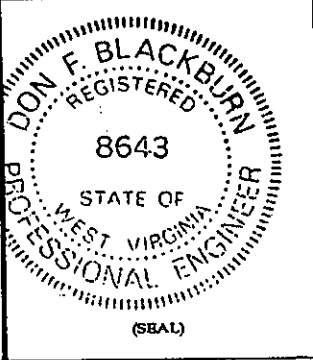
Geomet Operating Company, Inc.
Well No. Pond Creek 109-111-056

FILE NO. 1925-11
DRAWING NO. WELL 56 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. 8643 R.P.S.



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

DATE MAY 6, 2002
OPERATOR'S WELL NO. POND CREEK 109-111-056

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

LOCATION: ELEVATION 2,093.24' WATER SHED LITTLE SLATE CREEK
DISTRICT BIG CREEK COUNTY MCDOWELL
QUADRANGLE BRADSHAW

SURFACE OWNER PLUM CREEK TIMBERLANDS, L.P. ACREAGE 9,909.37
CBM ROYALTY OWNER PLUM CREEK TIMBERLANDS, L.P. LEASE ACREAGE 9,909.37
LEASE NO. RECORDING IN PROGRESS

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 1,965'
WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT GREGG CLEARY
ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 3206 ADDRESS 1105 HEATHERWOOD ROAD
BIRMINGHAM, ALABAMA 35244 BLUEFIELD, WV 24701

6-6 Bradshaw CBM (383) JUL 7, 2002

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Ac

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

Well Operator's Report of Well Work

FARM NAME: Plum Creek Timberlands, L.P. OPERATOR WELL NO.: PC #56

LOCATION:

Elevation: 2,093.24' Quadrangle: Bradshaw

District: Big Creek County: McDowell
Latitude: 7,568 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 30.81 Feet West of 81 Deg. 45 Min. 00 Sec.

| Company: <u>GeoMet Operating Company</u> | Casing & Tubing | Used in Drilling | Left in Well | Cement fill up Cu. Ft. |
|--|-----------------|------------------|--------------|------------------------|
| Address: 5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244 | 13-3/8" | 16' | 16' | |
| Agent: <u>Gregg Cleary</u> | | | | |
| Inspector: <u>Ronnie Scott</u> | 10-3/4" | 315' | 315' | 75/Pumped 120 |
| Date Permit Issued: <u>July 5, 2002</u> | | | | |
| Date Well Work Commenced: <u>July 28, 2002</u> | 8-5/8" | 1036' | 1036' | 428/ Pumped 222 |
| Date Well Work Completed: <u>October 30, 2002</u> | | | | |
| Verbal Plugging: | 5-1/2 | 1944.47' | 1944.47' | 337/Pumped 358 |
| Date Permission granted on: | | | | |
| Rotary <u>XXXX</u> Cable Rig | | | | |
| Total Depth (feet): <u>1970'</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): 1057/1115/1257/1352/1434/1511/1578/1581/1705/1714

OPEN FLOW DATA

Producing formation All Zones Commingled Pay zone depth (ft) _____
Gas: Initial Open Flow N/A 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 130 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 Rye
DATE: 1-3-2003

FEB 27 2003

McDow 1676 C

API #: 47-01676C

Operator Well #: PC #056

Farm Name: Plum Creek Timberlands, L.P.

1.) Details of perforated intervals, fracturing or stimulating, physical change, etc.

1st Stage:

Perf P2, 1706' – 1709' & frac on 10/30/02 by Superior with 70Q Foam 21,000# 16/30 Sand, 788,000 SCF N2, 429 Total Bbls Fluid. Breakdown Pressure 3561 PSIG, Average Pressure 2920 PSI, 1398 ISIP

2nd Stage:

Perf P3, 1581' – 1585' & frac on 10/30/02 by Superior with 70Q Foam 27,000# 16/30 Sand, 381,000 SCF N2, 190 Total Bbls Fluid. Breakdown Pressure 2687 PSIG, Average Pressure 2680 PSI, 1241 ISIP

3rd Stage:

Perf P5, 1434' – 1437' & frac on 10/30/02 by Superior with 70Q Foam 21,000# 16/30 Sand, 304,000 SCF N2, 190 Total Bbls Fluid. Breakdown Pressure 3314 PSIG, Average Pressure 2640 PSI, 1505 ISIP

4th Stage:

Perf P9-4, 1319' – 1321'/Perf P9-5, 1257' – 1260' & frac on 10/30/02 by Superior with 70Q Foam 30,800# 16/30 Sand, 396,000 SCF N2, 200 Total Bbls Fluid. Breakdown Pressure 4000 PSIG, Average Pressure 2788 PSI, 1365 ISIP

5th Stage:

Perf P10, 1115' – 1118' & frac on 10/30/02 by Superior with 70Q Foam 33,500# 16/30 Sand, 300,000 SCF N2, 238 Total Bbls Fluid. Breakdown Pressure 2849 PSIG, Average Pressure 2295 PSI, 1550 ISIP

DRILL DATA HOLE – NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-056

LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 45

DATE STARTED: 07-27-2002 DATE COMPLETED: 08-01-2002

| DEPTH | | THICKNESS | STRATA | REMARKS |
|---------|---------|-----------|---|-----------------|
| FROM | TO | FT. | DESCRIPTION | VOIDS, ETC |
| 0.00 | 16.00 | 16.00 | OVERBURDEN 16' W/ 13 3/8" CASING | |
| 16.00 | 92.00 | 76.00 | SAND | |
| 92.00 | 123.00 | 31.00 | SANDY SHALE / COAL | |
| 123.00 | 154.00 | 31.00 | SANDY SHALE | |
| 154.00 | 184.00 | 30.00 | SANDY SHALE / COAL | |
| 184.00 | 214.00 | 30.00 | SANDY SHALE | |
| 214.00 | 244.00 | 30.00 | SAND / SANDY SHALE | |
| 244.00 | 274.00 | 30.00 | SANDY SHALE / COAL 255' / SAND / COAL | |
| | | | 265' / SANDY SHALE / COAL 272' / SAND | |
| 274.00 | 304.00 | 30.00 | SANDY SHALE / SAND | |
| 304.00 | 330.00 | 26.00 | SAND / SANDY SHALE 314.7' W/ 10 3/4" CASING | |
| 330.00 | 364.00 | 34.00 | SAND | |
| 364.00 | 394.00 | 30.00 | SANDY SHALE | |
| 394.00 | 454.00 | 60.00 | SAND | |
| 454.00 | 634.00 | 180.00 | SANDY SHALE | HIT VOID @ 514' |
| 634.00 | 664.00 | 30.00 | SANDY SHALE / COAL | |
| 664.00 | 694.00 | 30.00 | SANDY SHALE | |
| 694.00 | 784.00 | 90.00 | SANDY SHALE / COAL | |
| 784.00 | 814.00 | 30.00 | SANDY SHALE | |
| 814.00 | 844.00 | 30.00 | SAND | |
| 844.00 | 874.00 | 30.00 | SANDY SHALE / COAL | |
| 874.00 | 964.00 | 90.00 | SAND | |
| 964.00 | 980.00 | 16.00 | SANDY SHALE | |
| 980.00 | 984.00 | 4.00 | | HIT VOID |
| 984.00 | 1024.00 | 40.00 | SAND | |
| 1024.00 | 1054.00 | 30.00 | SAND / SANDY SHALE STR | |
| | | | 1036.2' W/ 8 5/8" CASING | |
| 1054.00 | 1204.00 | 150.00 | SANDY SHALE | |
| 1204.00 | 1294.00 | 90.00 | SAND | |
| 1294.00 | 1384.00 | 90.00 | SANDY SHALE | |
| 1384.00 | 1414.00 | 30.00 | SAND | |
| 1414.00 | 1504.00 | 90.00 | SANDY SHALE | |
| 1504.00 | 1534.00 | 30.00 | SAND | |
| 1534.00 | 1564.00 | 30.00 | SANDY SHALE | |
| 1564.00 | 1594.00 | 30.00 | SAND | |
| 1594.00 | 1684.00 | 90.00 | SANDY SHALE | |
| 1684.00 | 1714.00 | 30.00 | SANDY SHALE / COAL | |
| 1714.00 | 1774.00 | 60.00 | SANDY SHALE | |
| 1774.00 | 1804.00 | 30.00 | SAND | |
| 1804.00 | 1834.00 | 30.00 | SANDY SHALE | |
| 1834.00 | 1864.00 | 30.00 | SAND / SANDY SHALE | |

FEB 27 2002

McDow 1676 C

| FROM | TO | FT. | DESCRIPTION |
|---------|---------|-------|---|
| 1864.00 | 1894.00 | 30.00 | SANDY SHALE / SAND / RED SHALE 1889'-1890' |
| 1894.00 | 1924.00 | 30.00 | RED SHALE / SANDY SHALE |
| 1924.00 | 1954.00 | 30.00 | SANDY SHALE / SAND / SHALE STR |
| 1954.00 | 1970.00 | 16.00 | SAND TD 8" HOLE |

1970.00 FT. TOTAL DEPTH
16.00 FT. OF 13 3/8" CASING
314.70 FT. OF 10 3/4" CASING
1036.20 FT. OF 8 5/8" CASING