

(+) DENOTES LOCATION OF WELL ON 7.5' TOPOGRAPHIC MAP

PROPOSED WELL  
ALAWEST 118-123-015

S 57°56'02\" E  
51.53  
24\" PINE

W 00°05'00\"  
115.57  
8\" POPLAR

REFERENCES	SCALE 1\"=100'
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WELL COORDINATES  
WV STATE PLANE  
SOUTH ZONE NAD 1927  
N. 146593.33  
E. 179399.95

**TEE Engineering Company, Inc.**  
120 Cutlers Hill Court  
Lexington, KY 40509  
(609) 263-3330  
Fax (609) 263-3345

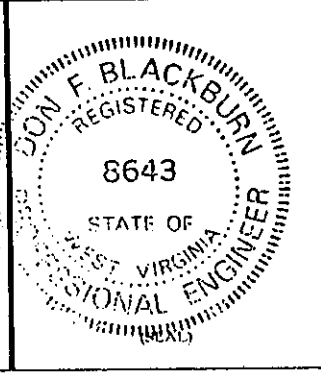
**GeoMet Operating Company, Inc.**  
Well No. ALAWEST 118-123-015

FILE NO. 1899-00  
DRAWING NO. AW-015 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 MARCH 20, 2002  
OPERATOR'S WELL NO. ALAWEST 118-123-015

API WELL NO. 47 - 047 - 01649C  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1,379.10' WATER SHED CRANE TRACE BRANCH  
DISTRICT BIG CREEK COUNTY McDOWELL  
QUADRANGLE DAVY

SURFACE OWNER ALAWEST INC. ACREAGE 21,930.23  
CBM ROYALTY OWNER ALAWEST INC. LEASE ACREAGE 21,930.23

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 1,240'  
WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT GREGG CLEARY  
ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 ADDRESS 1105 HEATHERWOOD ROAD  
BIRMINGHAM, ALABAMA 35244 BLUEFIELD, WV 24701

MARCH 10 2002

Mc Dow 1649C

Big Creek 1649C

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

Well Operator's Report of Well Work

FARM NAME: Alawest Inc.

OPERATOR WELL NO.: Alawest # 015

LOCATION:

Elevation: 1,379.10 Quadrangle: Davy

District: Big Creek County: McDowell  
Latitude: 187' Feet South of 37 Deg. 25 Min. 00 Sec.  
Longitude: 5,893' Feet West of 81 Deg. 42 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>26'</u>	<u>26'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	<u>8-5/8"</u>	<u>327'</u>	<u>327'</u>	<u>135/Pumped 192</u>
Date Permit Issued: <u>May 7, 2002</u>				
Date Well Work Commenced: <u>July 30, 2002</u>	<u>5-1/2"</u>	<u>1195'</u>	<u>1195'</u>	<u>207/Pumped 260</u>
Date Well Work Completed: <u>October 8, 2002</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>1240'</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): 322/376/422/492/646/782/827/889

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 210 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:

DATE:

Karen Rize  
February 7, 2003

McDow 1649 C

API #: 47-01649C

Operator Well #: AW #015

Farm Name: Alawest Inc.

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

1<sup>st</sup> Stage:

Perf P2, 890' - 894' & frac on 10/08/02 by Superior with 70Q Foam 1,300# 16/30 Sand, 199,000 SCF N2, Total Bbls Fluid. Breakdown Pressure 2976 PSIG, Average Pressure PSI, Screened Out ISIP

2<sup>nd</sup> Stage:

Perf P3, 782' - 786' & frac on 10/08/02 by Superior with 70Q Foam 25,000# 16/30 Sand, 378,000 SCF N2, 214 Total Bbls Fluid. Breakdown Pressure 3308 PSIG, Average Pressure 3040 PSI, 3113 ISIP

3<sup>rd</sup> Stage:

Perf P5, 646' - 650' & frac on 10/08/02 by Superior with 70Q Foam 22,000# 16/30 Sand, 276,000 SCF N2, 155 Total Bbls Fluid. Breakdown Pressure 2432 PSIG, Average Pressure 2214 PSI, 1053 ISIP

4<sup>th</sup> Stage:

Perf P9-5, 491' - 495' & frac on 10/08/02 by Superior with 70Q Foam 26,000# 16/30 Sand, 282,000 SCF N2, 190 Total Bbls Fluid. Breakdown Pressure 3330 PSIG, Average Pressure 1983 PSI, 925 ISIP

5<sup>th</sup> Stage:

Perf P9-7, 424' - 426' & frac on 10/08/02 by Superior with 70Q Foam 5,000# 16/30 Sand, 373,000 SCF N2, 190 Total Bbls Fluid. Breakdown Pressure 2000 PSIG, Average Pressure 3372 PSI, 2768 ISIP

