

TEE Engineering Company, Inc.
320 Clifters Hill Court
Lexington, KY 40509
(859) 263-5330
Fax (859) 263-3345



P.O. Box 219
Stowville, KY 41639
(606) 478-9024
Fax (606) 478-9019

GeoMet Operating Company, Inc.
Well No. ALAWEST 110-129-049

FILE NO. 1899-00
DRAWING NO. AW-049 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 FEBRUARY 8, 2013
OPERATOR'S WELL NO. ALAWEST 110-129-049

API WELL NO. 47 - 047 - 01650C
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1,867.62' NORTHING 4143655.75 EASTING 432318.02 ZONE 17 NAD83 UTM
DISTRICT SANDY RIVER WATER SHED MILE BRANCH
QUADRANGLE IAEGER COUNTY McDOWELL

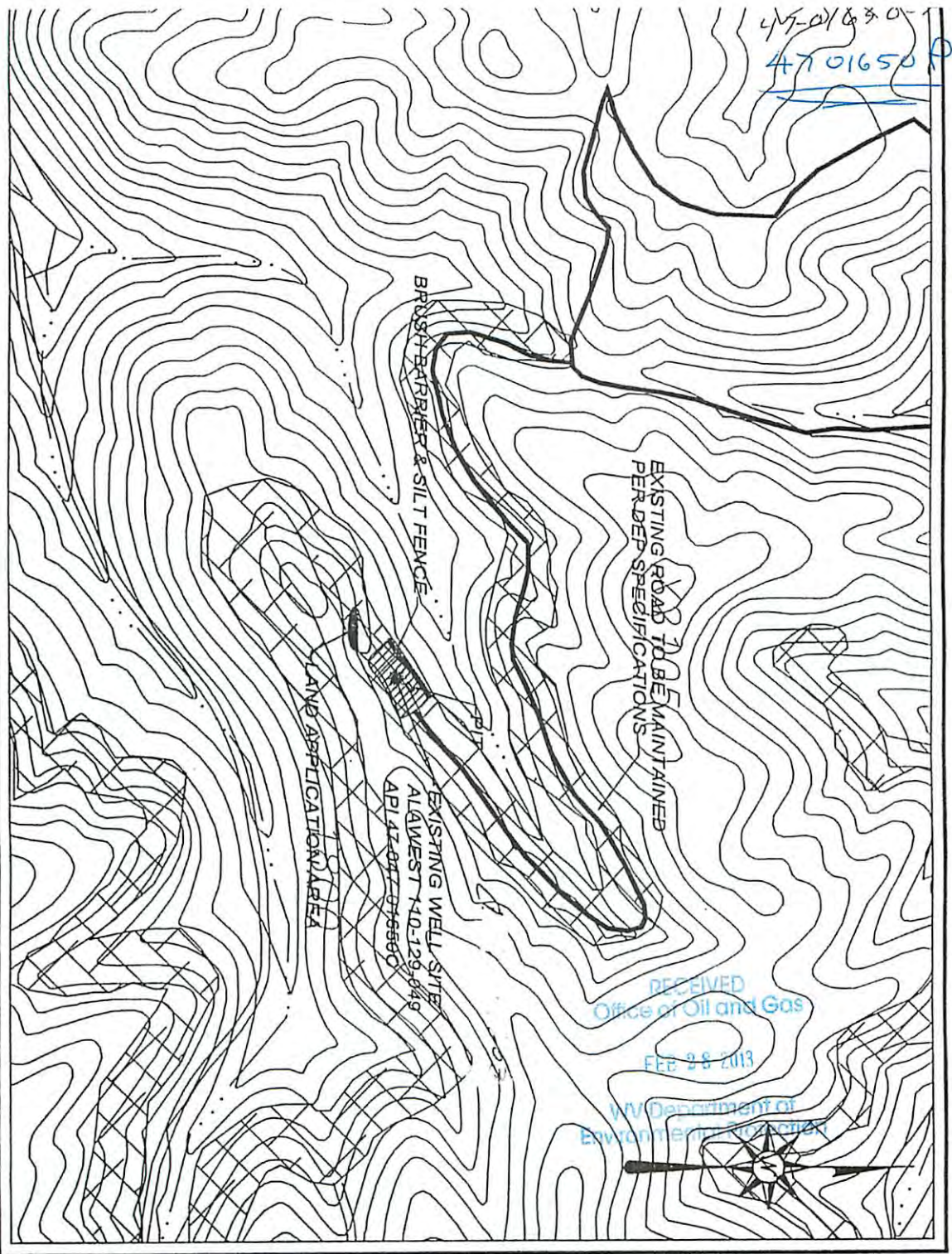
SURFACE OWNER ALAWEST INC. ACREAGE 21,930.23
CBM ROYALTY OWNER ALAWEST INC. LEASE ACREAGE 21,930.23
LEASE NO. WV-103-0001-00

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 2,008'
WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT CT CORPORATION SYSTEM
ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 BIRMINGHAM, ALABAMA 35244 ADDRESS 707 VA. STREET EAST CHARLESTON, WV 25301

03/22/2013



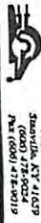
DRAWING LEGEND

STRAW BALES	ROAD DITCH	STREAM
SILT FENCE	NATURAL DRAINWAY	PROPOSED ROAD
BRUSH BARRIER	EXISTING ROAD	ROCK OUTCROP
TREE LINE	PROPOSED CULTURE	DRILLING PIT
CROSS DRAIN	WATER WELL	WELL SITE
PROPOSED CULTURE	UTILITY POLE	HOUSE OR OTHER STRUCTURE
DRILLING PIT		
WASTE AREA		
WELL SITE		
HOUSE OR OTHER STRUCTURE		

GENERAL NOTES

- This drawing is a schematic representation of the proposed well site and access road. Structures such as the drilling pit, roadway, culvert, sediment barrier, etc. are shown in approximate, the actual location of these structures may vary slightly from the locations shown on this drawing.
- All culvert shown on this plan are proposed and will be a minimum of 18" in diameter unless otherwise designated.
- Brush and/or timber removed by clearing and grubbing activities will be cut up and windrowed below the outline of construction areas.
- Ditch lines and culverts will be installed whenever practical. However, portions of the existing/proposed roads, which are located in solid rock, shall not require ditches or cross drains, unless warranted by field conditions.
- Supplemental drainage and/or sediment control measures in addition to those shown on this plan will be installed when and where deemed necessary. The additional measures may consist of straw bales, silt fences, or other measures as outlined in the Erosion & Sediment Control Field Manual.
- A sediment barrier of either brush, straw bales or filter fence will be maintained below the outside of all proposed culverts and at all other storm water discharge points from either the roadway or the location.
- A stabilized construction entrance consisting of 6" of crushed stone will be installed for a distance of 50' from the ingress and egress points from all public highways.
- Cross drains or weathers will be installed as an integral part of the reclamation process and shall be spaced consistent with the 4-foot roadway slopes and Table II-4, of the Erosion & Sediment Control Field Manual.
- Existing gas lines or other utility lines within construction area, will be located and identified prior to commencement of construction.

TEE Engineering Company, Inc.
 120 Oliver Road
 Lexington, KY 40502
 (603) 263-5100
 Fax: (603) 263-5104



710, Box 219
 Sandwell, KY 41029
 Tel: (606) 472-9019

Geomel Operating Company, Inc.
 WELL NO. ALA WEST 110-129-049
 API 47-047-01650C

CONSTRUCTION & RECLAMATION SITE PLAN
 SITUATED IN HARRMAN BRANCH
 IN SANDY RIVER DISTRICT OF
 McDOWELL COUNTY, W.VA.

TASGER - QUADRANGLE SCALE: 1" = 500'
 189-00/AV-449 REC. DRAWN BY: RDP