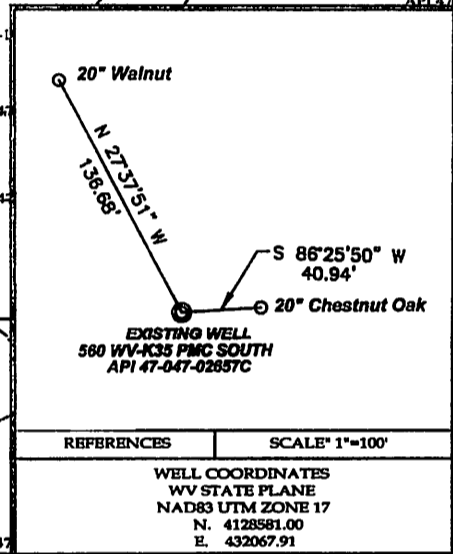


(+) DENOTES LOCATION OF WELL ON 7.5' TOPOGRAPHIC MAP
 ALL BOUNDARY LINES ARE APPROXIMATE (NOT SURVEYED)



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

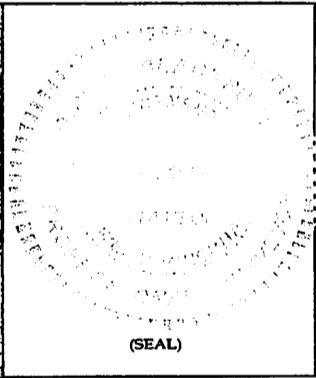
GeoMet Operating Company, Inc.
 Well No. 560 WV-K35 PMC SOUTH

FILE NO. 1883-08/2012 WELLS
 DRAWING NO. PMC SOUTH 560
 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.

Tom F. Blackman
 (SIGNATURE)

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



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

DATE OCTOBER 16, 2012
 OPERATOR'S WELL NO. 560 WV-K35 PMC SOUTH

API WELL NO. 47 - 047 - 02657C
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2,369.49' NORTHING 4128581.00 EASTING 432067.91 ZONE 17 NAD83 UTM
 DISTRICT BIG CREEK WATER SHED UNNAMED TRIBUTARY OF LITTLE SLATE CREEK
 QUADRANGLE BRADSHAW COUNTY McDOWELL

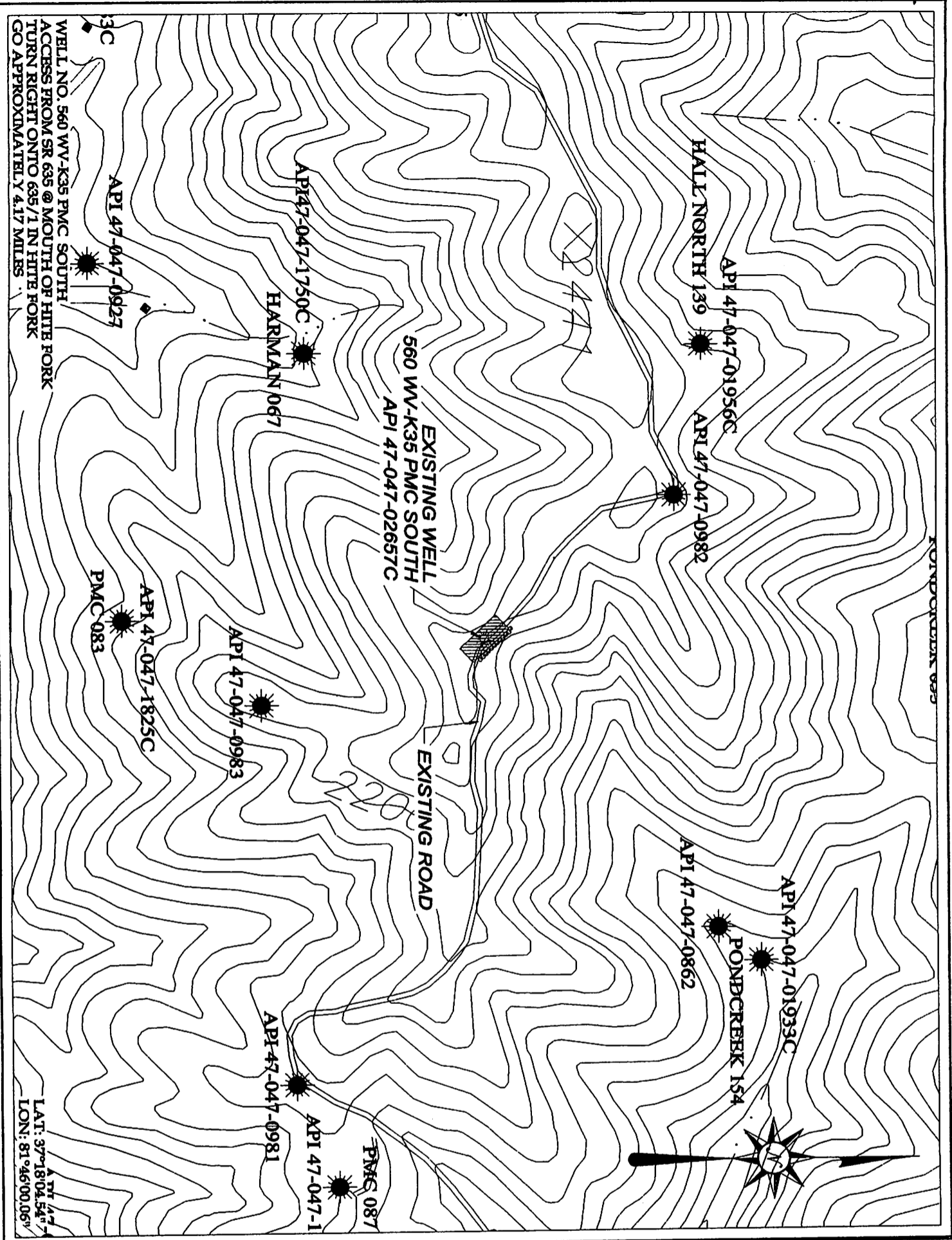
SURFACE OWNER POCAHONTAS MINING LIMITED LIABILITY COMPANY ACREAGE _____
 CBM ROYALTY OWNER POCAHONTAS MINING LIMITED LIABILITY COMPANY LEASE ACREAGE 1,108.0
 LEASE NO. RECORDING IN PROGRESS

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

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 2,093'
 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

02/01/2013



WELL NO. 560 WV-K35 PMC SOUTH
ACCESS FROM SR 635 @ MOUTH OF HITE FORK
TURN RIGHT ONTO 635/1 IN HITE FORK
GO APPROXIMATELY 4.17 MILES

LAT: 37°18'04.54"
LON: 81°46'00.06"

DRAWING LEGEND

- STRAW BALES
- SILT FENCE
- BRUSH BARRIER
- TREE LINE
- GROSS DRAIN
- PROPOSED CULVERT
- DRILLING PIT
- PIT WASTE AREA
- WET SPOT
- WELL SITE
- HOUSE OR OTHER STRUCTURE
- ROAD DITCH
- STREAM
- NATURAL DRAINWAY
- PROPOSED ROAD
- EXISTING ROAD
- ROCK OUTCROP
- SPRING
- WATER WELL
- UTILITY POLE

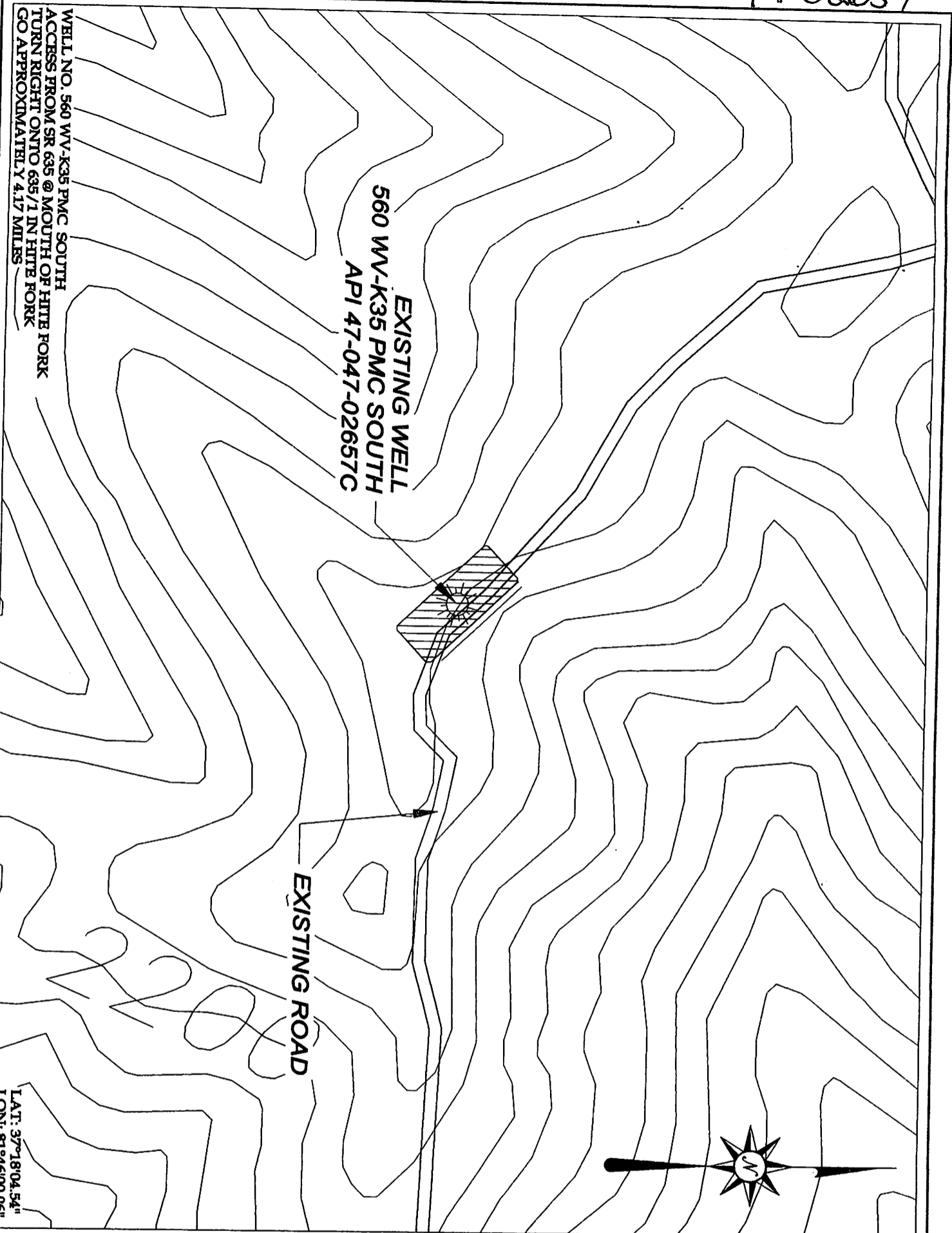
GENERAL NOTES

1. This drawing is a schematic representation of the proposed well site and access road. Structures such as the drilling pit, roadway, culverts, sediment barriers, etc. are shown in their approximate preliminary configuration. Given unforeseen circumstances, the as-built location of these structures may vary slightly from the locations shown on this drawing.
2. All culverts shown on this plan are proposed and will be a minimum of 18" in diameter unless otherwise designated.
3. Brush and/or timber removed by clearing and grubbing activities will be cut up and windrowed below the outside of construction areas.
4. 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.
5. Supplemental drainage and/or sediment control measures in addition to those shown on the 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.
6. A sediment barrier of either brush, straw bales or filter fabric will be maintained below the outfall of all proposed culverts and at all other storm water discharge points from either the roadway or the location.
7. A stabilized construction entrance consisting of 8" of crushed stone will be installed for a distance of 50' from the ingress and egress points from all public highways.
8. Cross drains or weathers will be installed as an integral part of the reclamation process and shall be spaced consistent with the as-built roadway slopes and Table B-4, of the Erosion & Sediment Control Field Manual.
9. Existing gas lines or other utility lines, within construction area, will be accurately located and identified prior to commencement of construction.
10. Temporary seed and mulch all cuts & slopes upon construction.

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 520 Cottage Hill Court
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 Tel: (606) 263-5315
 P.O. Box 1119
 Summersville, KY 41169
 Tel: (606) 478-0034
 Fax: (606) 478-5019

GEOMET OPERATING COMPANY, INC.
 560 WV-K35 PMC SOUTH

CONSTRUCTION & RECLAMATION SITE PLAN
 SITUATED ON UNNAMED TRIBUTARY
 OF SLATH CREEK
 IN THE BIG CREEK DISTRICT OF
 MADWELL COUNTY, W.VA.
 BRADSHAW-QUADRANGLE
 FILE NAME: PMC-SOUTH 560
 SCALE: 1" = 50'
 DRAWN BY: RJP



WELL NO. 560 WV-K35 PMC SOUTH
ACCESS FROM SR 635 @ MOUTH OF HITE FORK
TURN RIGHT ONTO 635/1 IN HITE FORK
GO APPROXIMATELY 4.17 MILES

EXISTING WELL
560 WV-K35 PMC SOUTH
API 47-047-02657C

EXISTING ROAD



LAT: 37°18'04.54"
LON: 81°46'00.06"

DRAWING LEGEND

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

GENERAL NOTES

1. This drawing is a schematic representation of the proposed well site and access road. Structures such as the drilling pit, roadway, culverts, sediment barriers, etc. are shown in their approximate planning configuration. Given uniform conditions, the best-fit location of these structures may vary slightly from the locations shown on this drawing.
2. All culverts shown on this plan are proposed and will be a minimum of 18" in diameter unless otherwise designated.
3. Brush and/or timber removed by clearing and grubbing activities will be cut up and windrowed below the envelope of construction areas.
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5. 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.
6. A sediment barrier of either brush, straw bales or fiber fence will be maintained below the outfall of all proposed culverts and at all other storm water discharge points from either the roadway or the location.
7. A stabilized construction entrance consisting of 8" of crushed stone will be installed for a distance of 50' from the ingress and egress points from all public highways.
8. Cross drains or weathers will be installed as an integral part of the road construction process and shall be spaced consistent with the established roadway slopes and Tables 11-4, of the Erosion & Sediment Control Field Manual.
9. Existing gas lines or other utility lines, which construction areas, will be accurately located and identified prior to commencement of construction.
10. Temporary seed and mulch all cuts & slopes upon construction.

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GEOMET OPERATING COMPANY, INC.
560 WV-K35 PMC SOUTH

CONSTRUCTION & RECLAMATION SITE PLAN
SITUATED ON UNNAMED TRIBUTARY
OF SLATE CREEK
IN THE BIG CREEK DISTRICT OF
MEADOWELL COUNTY, W.VA.

BRADISLAW, CHADBRANTZ
FILE NAME: PMC 560 REC. BPP. SCALE: 1" = 20'