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**west virginia** department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

July 09, 2013

**WELL WORK PERMIT**

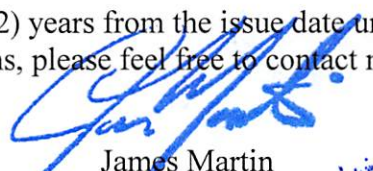
**Re-Work**

This permit, API Well Number: 47-3905815, issued to MOUNTAIN V OIL & GAS, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.



James Martin  
Chief

Operator's Well No: GODSHALL 13  
Farm Name: SHAVER LAND HOLDING, LLC.  
**API Well Number: 47-3905815**  
**Permit Type: Re-Work**  
Date Issued: 07/09/2013

**Promoting a healthy environment.**

**07/12/2013**

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator Mountain V Oil & Gas, Inc. 310020 Kanawha Elk Mammoth 7.5'  
Operator ID County District Quadrangle

2) Operator's Well Number: Godshall #13 WV0048 Elevation: 879'

4) Well Type: (a) Oil \_\_\_\_\_ or Gas X  
(b) If Gas: Production X Underground Storage \_\_\_\_\_  
Deep \_\_\_\_\_ / Shallow X

5) Proposed Target Formation(s): Injun Proposed Target Depth: 1714'

6) Proposed Total Depth: 2250' Feet Formation at Proposed Total Depth: Weir

7) Approximate fresh water strata depths: 40'

8) Approximate salt water depths: 879'

9) Approximate coal seam depths: 198'

10) Approximate void depths, (coal, karst, other): None

11) Does land contain coal seams tributary to active mine? No

12) Describe proposed well work in Detail To perforate & fracture the Injun formation in Existing well bore.

13) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	13 3/8"			32'	32'	Sand
Fresh Water	9 5/8"			250'	250'	CTS or 35 CSR 18 - 11.1
Coal						
Intermediate	7"			1110'	1110'	CTS or 35 CSR 18 - 11.1
Production	4 1/2"			2254'	2254'	Cement Top @ 1750'
Tubing						
Liners						

Packers: Kind  
          Sizes  
          Depths Set

Received  
JUN 11 2013

West Virginia Department of Environmental Protection  
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

<u>XX</u>	Contractor Name	<u>Angle Right Land Surveying, LLC – Reliance Laboratories</u>
_____	Well operator's private laboratory	
	Well Operator	<u>Mountain V Oil &amp; Gas, Inc.</u>
	Address	<u>P.O. Box 470</u>
		<u>Bridgeport, WV 26330</u>
	Telephone	<u>(304) 842-6320</u>

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

Note: XX There appears to be no potable water sources within 1000';  
Therefore, no test will be run.

\_\_\_\_\_ There appears to be ZERO (0) potable water sources within 1000';  
Therefore, test will be offered and samples taken as required.

\*See Attached

**Received**  
 JUN 11 2013  
 Office of Oil and Gas  
 WV Dept. of Environmental Protection  
 07/12/2013

1) Date: May 17, 2013  
2) Operator's Well Number  
Godshall #13 WV0048

3) API Well No.: 47 - 039 - 05815  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
**NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served:  (a) Name Shaver Land Holdings, LLC ✓  
 Address PO Box 470  
Bridgeport, WV 26330

(b) Name \_\_\_\_\_  
 Address \_\_\_\_\_

(c) Name \_\_\_\_\_  
 Address \_\_\_\_\_

5) (a) Coal Operator  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

(b) Coal Owner(s) with Declaration  
 Name Shaver Land Holdings, LLC ✓  
 Address PO Box 470  
Bridgeport, WV 26330

Name \_\_\_\_\_  
 Address \_\_\_\_\_

6) Inspector Terry Urban (c) Coal Lessee with Declaration  
 Address PO Box 1207 Name \_\_\_\_\_  
Clendenin, WV 25045 Address \_\_\_\_\_

Telephone 304-549-5915

**TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:**

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR  
X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_ on the above named parties by:

- \_\_\_\_\_ Personal Service (Affidavit attached)
- XX Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

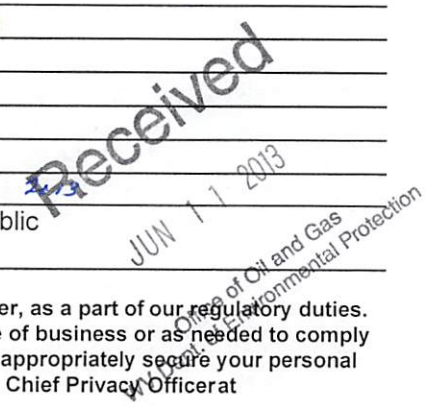
Well Operator Mountain V Oil & Gas, Inc.  
 By: Mike Shaver  
 Title: President  
 Address P.O. Box 470  
Bridgeport, WV 26330  
 Telephone (304) 842-6320

Subscribed and sworn before me this 23<sup>rd</sup> day of May, 2013

My Commission Expires 2-15-2018

Oil and Gas Privacy Notice

The office of Oil and Gas Processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).



**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Shaver Land Holdings, LLC  
PO Box 470  
Bridgeport, WV 26330

2. Article Number

(Transfer from service label)

7011 0470 0002 7543 0854

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*X. Matt P. Matuska*

Agent

Addressee

B. Received by (Printed Name)

*Matt Matuska*

C. Date of Delivery

*5-24-13*

D. Is delivery address different from item 1?  Yes

If YES, enter delivery address below:  No

3. Service Type

Certified Mail  Express Mail

Registered  Return Receipt for Merchandise

Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

*Codshell # 13 WV0048 Rework Permit*

Received

JUN 11 2013

Office of Oil and Gas  
WV Dept. of Environmental Protection

07/12/2013

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Kanawha Operator Mountain V Oil & Gas, Inc. Operator well number Godshall #13 WV0048

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, WV 25304 (304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
2) The soil erosion and sediment control plan is not adequate or effective;
3) Damage would occur to publicly owned lands or resources;
4) The proposed well work fails to protect fresh water sources or supplies;
5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on non-surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials. FOR EXECUTION BY A NATURAL PERSON

Signature Date Print Name

FOR EXECUTION BY A CORPORATION, ETC. Company Name: SHARZ LAND HOLDINGS LLC. By: Michael Sharz, Manager. Date: 5-20-13

Received stamp: MAY 11 2013 Office of Oil and Gas, Department of Environmental Protection

WW-2A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Kanawha

Operator Mountain V Oil & Gas, Inc. Operator's Well Number Godshall #13 WV0048

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0499 extension 1654

WAIVER

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

FOR EXECUTION BY A NATURAL PERSON

\_\_\_\_\_  
Signature Date

FOR EXECUTION BY A CORPORATION, ETC.

Company Name SITAVEN LAND LLC.  
By S. MICHAEL SHAVEL  
Its MANAGER Date 5-20-13  
S. Michael Shavel Signature Date

Received

JUN 11 2013

Office of Oil and Gas  
WV Dept. of Environmental Protection

07/12/2013

Operator's Well Number Godshall #13 WV0048

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6, Section 8(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Herbert G. Godshall, Trustees et al	A.E. Cavender	1/8 <sup>th</sup>	LB 145/181
A.E. Cavender	Gunthrie & Weinstock	W.I.	AB 44/453
Gunthrie & Weinstock	Dixie Natural Gas Corp	W.I.	AB 47/206
Dixie Natural Gas Corp	Nicolena Innone	W.I.	DB 96/502
Nicolena Innone	VJI Natural Resources, Inc.	W.I.	AB 105/196
VJI Natural Resources, Inc.	Mountain V Oil & Gas, Inc.	W.I.	AB 199/765

**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Services
- \* • County Floodplain Coordinator *SHOWS IN FLOOD PLAIN*

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Mountain V Oil & Gas, Inc.  
 By: Mike Shaver  
 Its: President

**Received**  
 JUN 11 2013  
 Office of Oil and Gas  
 WV Dept. of Environmental Protection  
 07/12/2013



3905815R

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM  
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Mountain V Oil & Gas, Inc. OP Code \_\_\_\_\_

Watershed Morris Fork Quadrangle Mammoth 7.5'

Elevation 879' County Kanawha District Elk

Description of anticipated Pit Waste: Fluids associated with perforation and stimulation of well

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes \_\_\_ No X

Will a synthetic liner be used in the pit? Yes What ml.? 20 Mfl

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_ )

*Handwritten:* TU 5-28-13

Drilling Medium anticipated for this well? Air, Freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Leave in Pit

-If left in pit and plan to solidify what medium will be used? Cement, lime, sawdust

-Landfill or offsite name/permit number? \_\_\_\_\_

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature \_\_\_\_\_

*Handwritten Signature: Mike Shaver*

Company Official (Typed Name) Mike Shaver

Company Official Title President

Subscribed and sworn before me this 23<sup>rd</sup> day of May, 20 13

*Handwritten Signature of Notary Public*

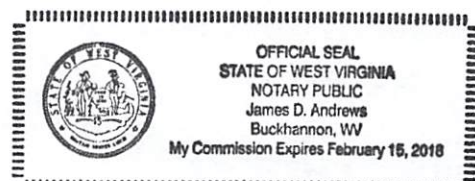
Notary Public

My commission expires 2-15-2018

**Received**

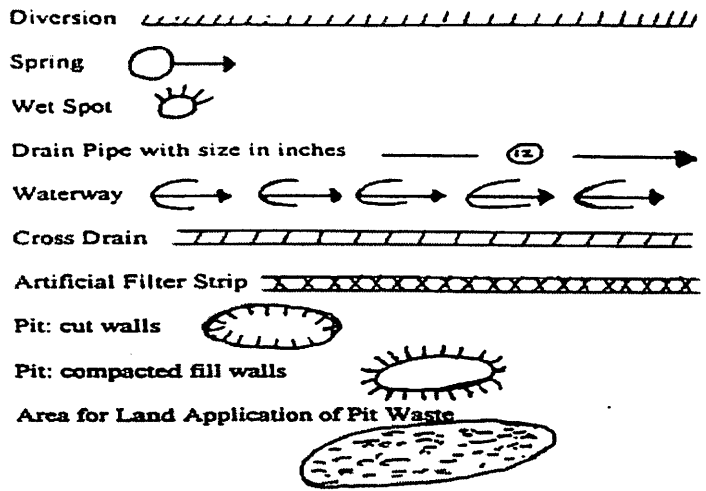
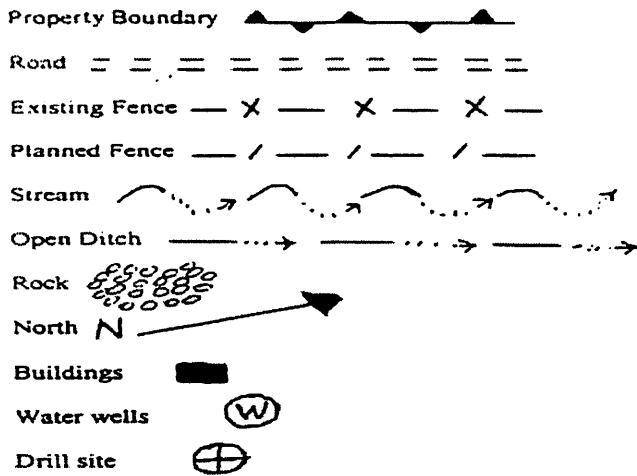
JUN 11 2013

Office of Oil and Gas  
WV Dept. of Environmental Protection



07/12/2013

**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/2 ton lbs/acre (500 lbs minimum)

Mulch Hay 2 Tons/acre

**Seed Mixtures**

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
<u>Meadow Mix</u>		<u>40</u>	<u>Orchard Grass</u>		<u>15</u>
<u>Alsike Clover</u>		<u>5</u>	<u>Alsike Clover</u>		<u>5</u>
<u>Annual Rye</u>		<u>15</u>			

Attach:  
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:

Comments: \_\_\_\_\_

Title: Inspector Diligurs Date: 6-28-13

Field Reviewed?  Yes  No

**Received**  
JUN 11 2013  
Office of Oil and Gas  
WV Dept. of Environmental Protection  
07/12/2013

39-05815 R

WW-9

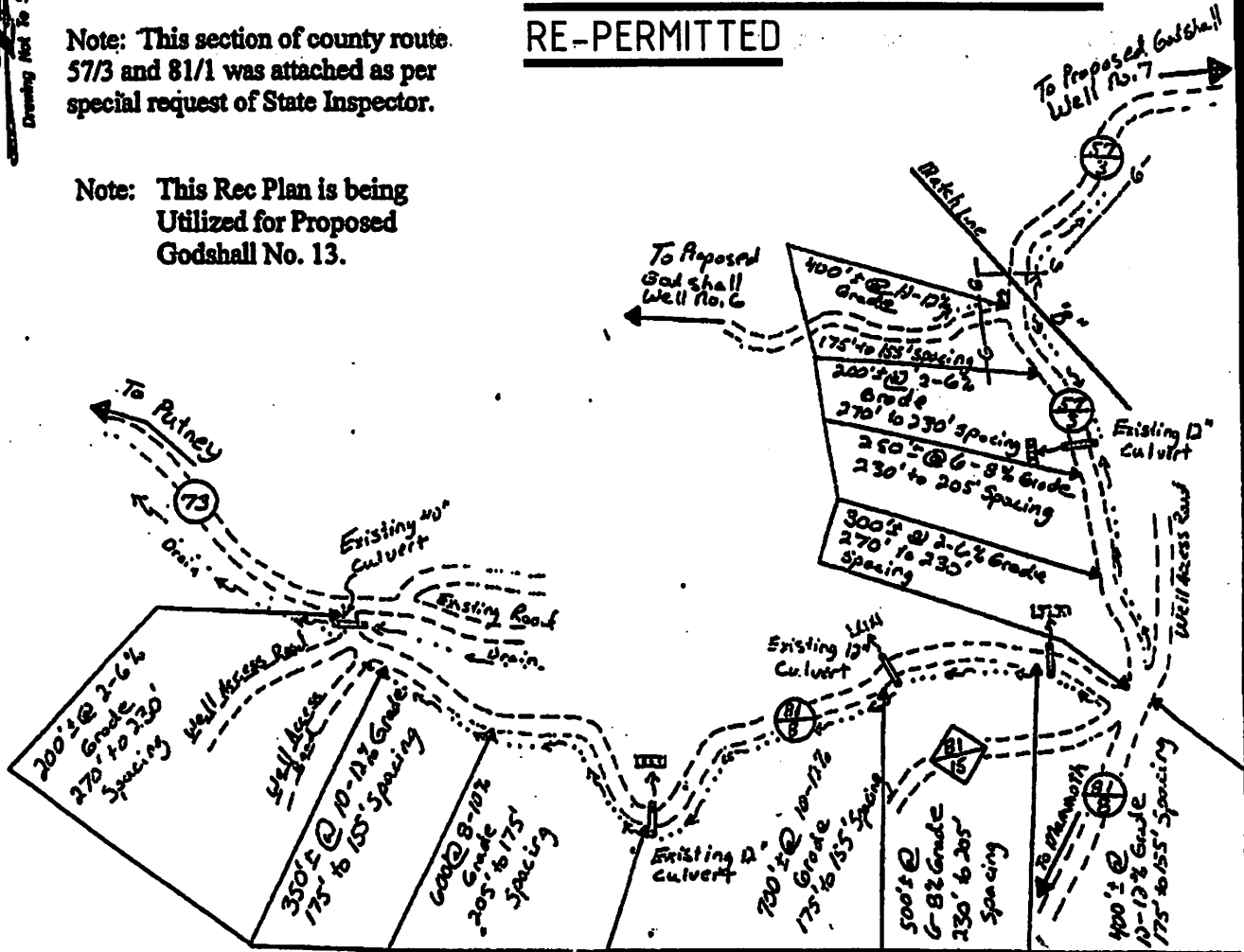
# PROPOSED GODSHALL WELL NO.6

PG. OF

THIS REC PREVIOUSLY SUBMITTED  
FOR API 039-5815, HEREIN BEING  
RE-PERMITTED

Note: This section of county route 57/3 and 81/1 was attached as per special request of State Inspector.

Note: This Rec Plan is being Utilized for Proposed Godshall No. 13.



- Notes:**
1. Remove brush and stumps below disturbance or place all fence at lower limits of disturbance.
  2. All cut and fill slopes will be seeded and mulched immediately after construction.
  3. Install water bars on road during reconstruction.
  4. Install culverts as shown on the reconstruction plan or as field conditions require.
  5. Place heavy bases below all culvert outlets and install sumps at exits.
  6. Install heavy bases at the entrance of all culverts.
  7. Rock rip-rap road for 200 feet from county road.
  8. Maintain drainage during drilling and completion operation.
  9. Unless otherwise noted, all roads shown herein are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 2/08.
  10. Entrances upon county state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.
  11. Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.
  12. Contracting contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

DRAWN BY: J.M.W.      DATE: 01/06/08 Revised      PROJECT NO: W-108-14-B-04



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 P.O. BOX 438      1-800-482-8800  
 BIRCH RIVER, WV 26610      80 US HIGHWAY 33 EAST  
 PH: (304) 649-8608      WESTON, WV 26452  
 PH: (304) 289-8200  
 FAX: (304) 649-8608      FAX: (304) 289-7282

**LEGEND**

- PROPERTY BOUNDARY
- ROAD
- DITCH
- FENCE
- PROPOSED WELL LOCATION
- BROAD BASED ROAD
- CULVERT
- CROSS DRAIN
- PIT-OUT WELLS
- PIT-OPERATED WELLS
- AREA OF LAND APPLICATION OF PIT WASTE

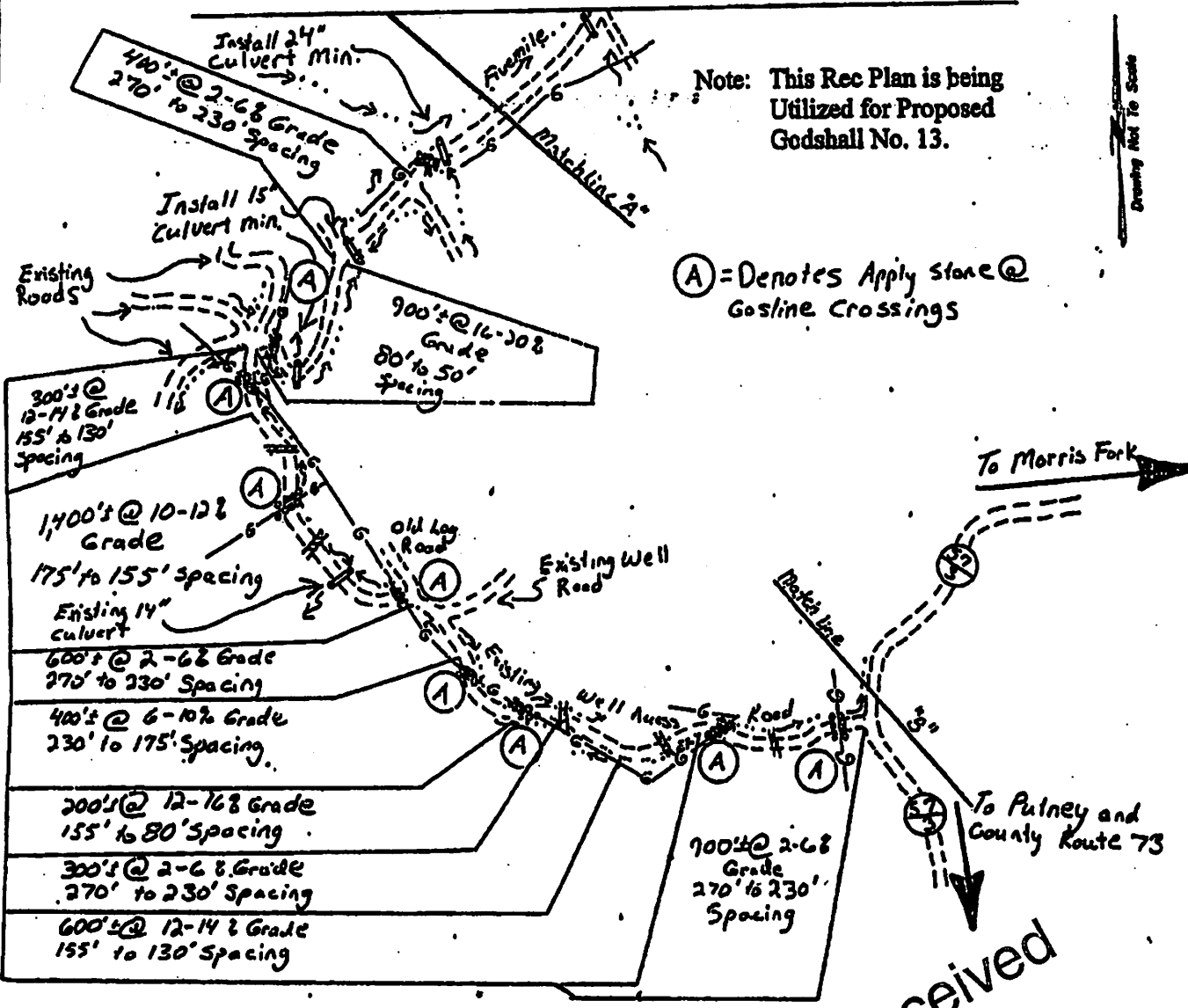
RECEIVED  
 Office of Oil & Gas  
 Office of Chemical Protection  
 DEC 06 2005  
 WV Department of Environmental Protection

07/12/2013

WW-9

# PROPOSED GODSHALL WELL NO.6

PG. OF



Note: This Rec Plan is being Utilized for Proposed Godshall No. 13.

(A) = Denotes Apply stone @ Gasline Crossings

To Morris Fork

To Putney and County Route 73

Received  
 JUN 12 2013

- Notes:
- 1.) Window brush and stumps below disturbance or place silt fence at lower limits of disturbance.
  - 2.) All cut and fill slopes will be seeded and mulched immediately after construction.
  - 3.) Install water bars on road during reclamation.
  - 4.) Install culverts as shown on the reclamation plan or as field conditions require.
  - 5.) Place hay bales below all culvert outlets and install sumps at inlets.
  - 6.) Install hay bales at the entrance of all sumps.
  - 7.) Mark access road for 200 feet from county road.
  - 8.) Maintain drainage during drilling and completion operation.
  - 9.) Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 2/08.
  - 10.) Erosion upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.
  - 11.) Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be erected as required.
  - 12.) Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

DRAWN BY: JLMK      DATE: 080304      PROJECT NO: W-108-16-E04



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**

P.O. BOX 438  
 BIRCH RIVER, WV 26610  
 PH: (304) 649-8605  
 FAX: (304) 649-8608

1-800-482-8608

80 US HIGHWAY 33 EAST  
 WESTON, WV 26452  
 PH: (304) 289-6200  
 FAX: (304) 289-7282

**LEGEND**

- PROPERTY BOUNDARY
- ROAD
- DITCH
- FENCE
- PROPOSED LOCATION
- GRAB BASED BY
- CULVERT
- CROSS DRAIN
- FIT-OUT
- FIT-OUT
- AREA OF LAND APPLICATION OF PIT WASTE

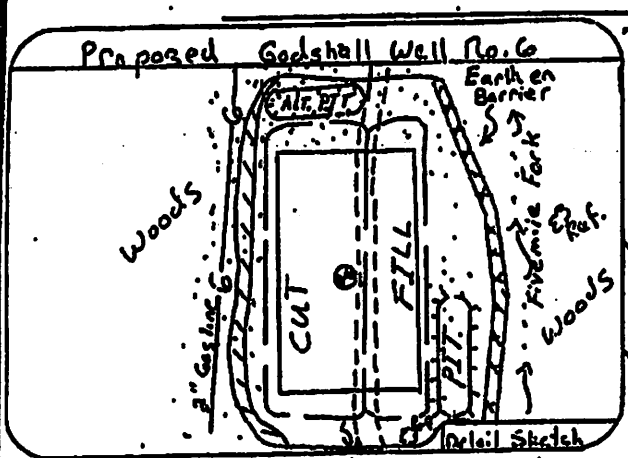
Office of Oil and Gas  
 Office of Environmental Protection  
 RECEIVED  
 DEC 06 2005  
 WVAAP Department of Environmental Protection

07/12/2013

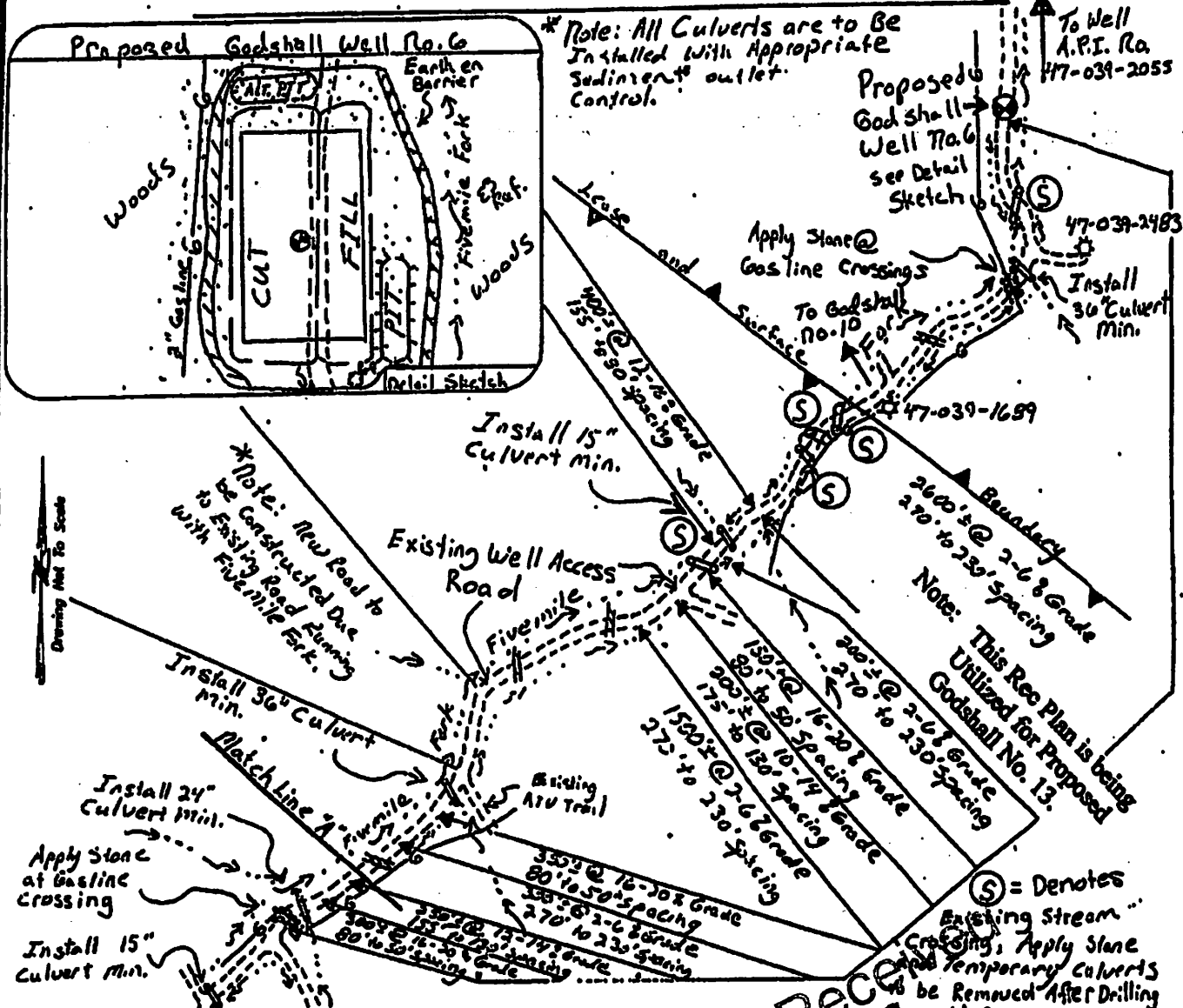
WW-9

# PROPOSED GODSHALL WELL NO.6

PG. OF



\*Note: All Culverts are to Be Installed with Appropriate Sediment outlet Control.



- Notes:
- 1.) Windrow brush and stumps below disturbance or place silt fence at lower limits of disturbance.
  - 2.) All cut and fill slopes will be seeded and mulched immediately after construction.
  - 3.) Install water bars on road during reconstruction.
  - 4.) Install culverts as shown on the reclamation plan or as field conditions require.
  - 5.) Place hay bales below all culvert outlets and install sumps at inlets.
  - 6.) Install hay bales at the entrance of all sumps.
  - 7.) Work access road for 200 feet from county road.
  - 8.) Maintain ditches during drilling and completion operation.
  - 9.) Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 2/91.
  - 10.) Entrances upon countywide roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.
  - 11.) Sediment basins (traps) and erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be erected as required.
  - 12.) Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

RECEIVED  
C. H. 12-5-05

DRAWN BY: JLMW      DATE: 08/20/04      PROJECT NO: W-108-14-6-04



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606  
 P.O. BOX 438  
 BIRCH RIVER, WV 26610  
 PH: (304) 649-8808  
 FAX: (304) 649-8808  
 80 US HIGHWAY 33 EAST  
 WESTON, WV 26452  
 PH: (304) 289-6200  
 FAX: (304) 289-7282

**LEGEND**

PROPERTY BOUNDARY  
 ROAD  
 BRUSH  
 WY Dept. of Environmental Protection  
 WY Dept. of Environmental Protection

PROPOSED WELL LOCATION  
 CROSS DRAIN  
 PIT/OUT  
 PIT/EXPOSURE

AREA OF LAND APPLICATION OF PIT WASTE

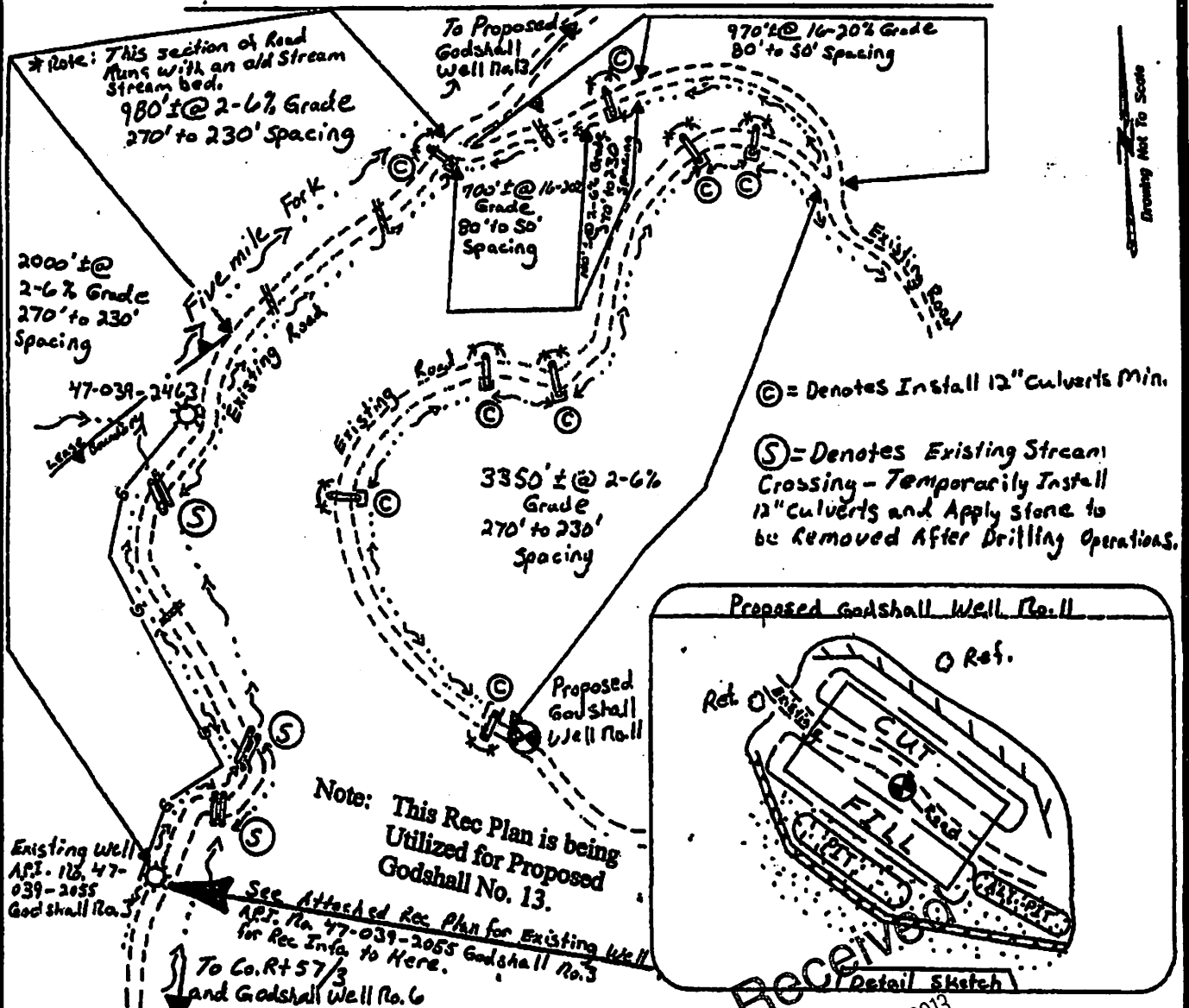
RECEIVED  
 DEC 06 2005  
 WV Department of Environmental Protection

39-05815R

WW-9

# PROPOSED GODSHALL WELL NO. 11

PG. OF



- Notes:**
1. Windrow brush and stumps below disturbance or place silt fence at lower limits of disturbance.
  2. All cut and fill slopes will be seeded and mulched immediately after construction.
  3. Install water bars on road during reclamation.
  4. Install culverts as shown on the reclamation plan or as field conditions require.
  5. Place hay bales below all culvert outlets and install sumps at inlets.
  6. Install hay bales at the entrance of all sumps.
  7. Rock access road for 200 feet from county road.
  8. Maintain ditches during drilling and completion operation.
  9. Unless otherwise noted, all roads shown herein are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 2/98.
  10. Entrances upon county state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.
  11. Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-ditches as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.
  12. Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

DRAWN BY: J.L.W.      DATE: 08/14/05      PROJECT NO: W-108-14-B-04



SURVEYING AND MAPPING SERVICES PERFORMED BY:

## ALLEGHENY SURVEYS, INC.

1-800-482-8606

P.O. BOX 438  
 BIRCH RIVER, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

80 US HIGHWAY 33 EAST  
 WESTON, WV 26452  
 PH: (304) 269-8200  
 FAX: (304) 269-7262

JUN 11 2013  
 JUN 11 12 50 PM '05

PROPERTY SURVEYOR

Office of Oil and Gas  
 WV Dept of Environmental Protection

LEGEND

DITCH

FENCE

PROPOSED WELL LOCATION

BROAD BASE

CULVERT

CROSS DRAIN

PIT-CUT WELLS

PIT-CUT WELLS

AREA OF LAKE APPLICATION OF PIT WASTE

RECEIVED  
 Office of Oil & Gas  
 Office of Chief

JUN 06 2005

WV Department of Environmental Protection

07/12/2013

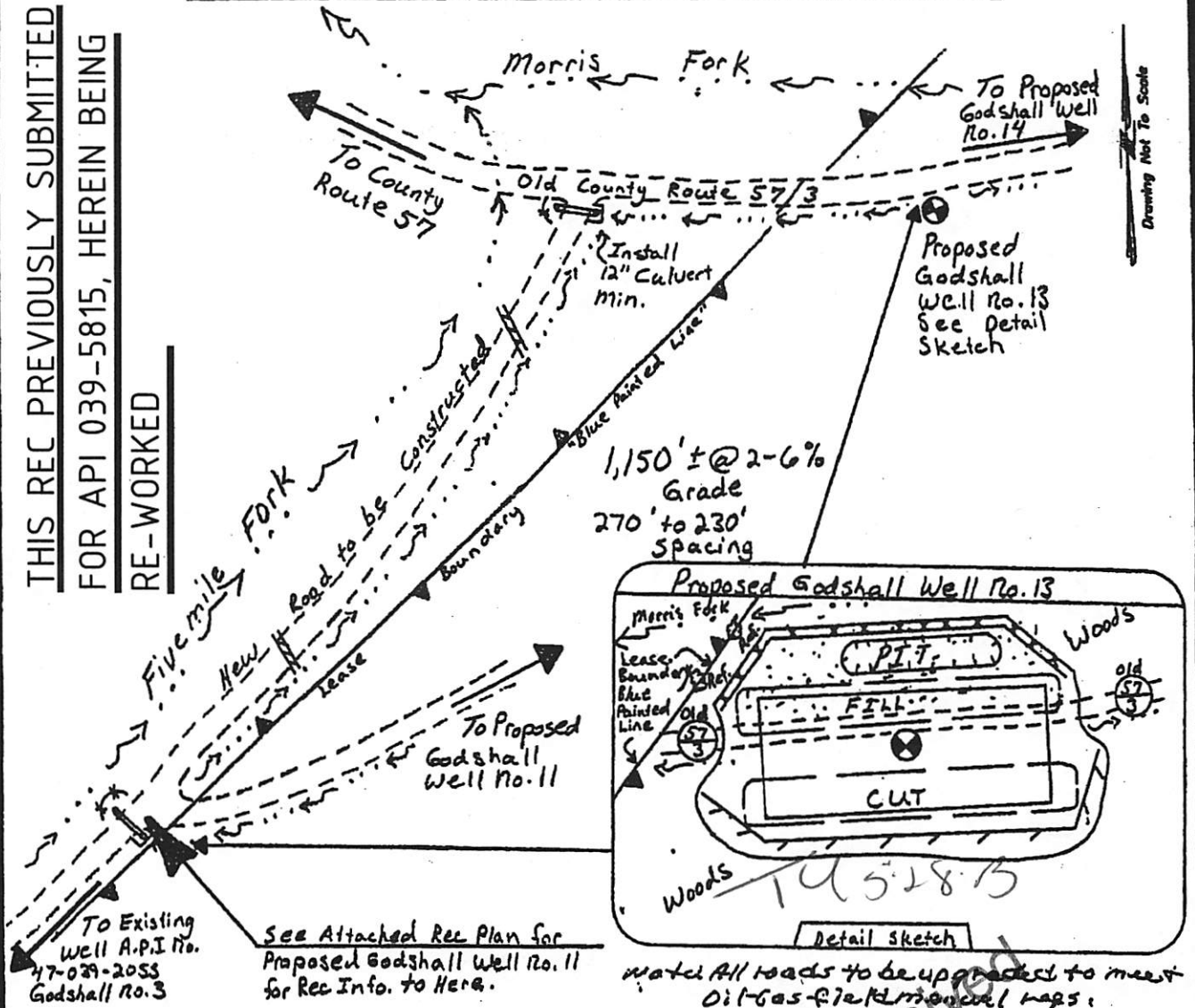
WW-9

# PROPOSED GODSHALL WELL NO. 13

PG. OF

WV0048

THIS REC PREVIOUSLY SUBMITTED FOR API 039-5815, HEREIN BEING RE-WORKED



**Notes:**

- 1.) Windrow brush and stumps below disturbance or place all fence at lower limits of disturbance.
- 2.) All cut and fill slopes will be seeded and mulched immediately after construction.
- 3.) Install water bars on road during reclamation.
- 4.) Install culverts as shown on the reclamation plan or as field conditions require.
- 5.) Place hay bales below all culvert outlets and install sumps at inlets.
- 6.) Install hay bales at the entrance of all sumps.
- 7.) Rock access road for 200 feet from county road.
- 8.) Maintain ditches during drilling and completion operation.
- 9.) Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 2/98
- 10.) Entrances upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.
- 11.) Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.
- 12.) Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

DRAWN BY: J.L.W.

DATE: 08/28/06

PROJECT NO: W-108-14-E-04



SURVEYING AND MAPPING SERVICES PERFORMED BY:

## ALLEGHENY SURVEYS, INC.

P.O. BOX 438  
 BIRCH RIVER, WV 26610  
 PH: (304) 649-8806  
 FAX: (304) 649-8808

1-800-482-8806

80 US HIGHWAY 33 EAST  
 WESTON, WV 26452  
 PH: (304) 269-6200  
 FAX: (304) 269-7262

RECEIVED  
 OFFICE OF OIL & GAS  
 OFFICE OF CHIEF  
 DEC 06 2005  
 WV Department of Environmental Protection

LEGEND

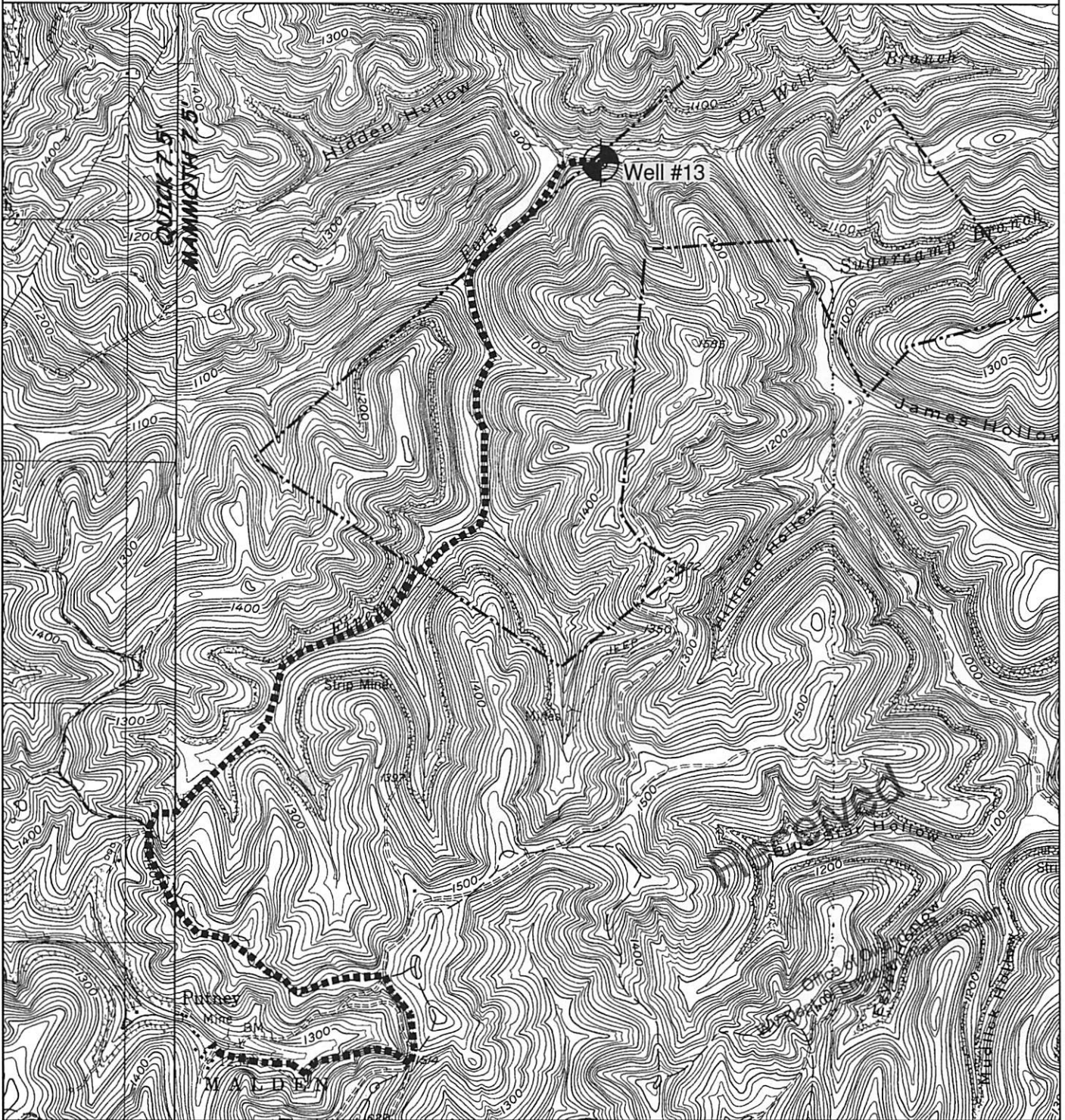
- PROPERTY BOUNDARY
- ROAD
- DITCH
- FENCE
- PROPOSED WELL LOCATION
- BROAD BANDS
- CULVERT
- CROSS DRAIN
- PIT-CUT WELLS
- AREA OF LAND APPLICATION OF PIT WASTE

3905815

WW9

# GODSHALL #13 WV0048

PAGE OF



<b>ANGLE RIGHT LAND SURVEYING, LLC</b> PO BOX 681 GRANTSVILLE, WV 26147 (304) 354-0065 130597	<b>OPERATOR</b> MOUNTAIN V OIL & GAS, INC. P.O. BOX 470 BRIDGEPORT, WV 26330	<b>TOPO SECTION</b> MAMMOTH 7.5'	<b>WELL NAME</b> GODSHALL #13
		<b>SCALE:</b> 1"=2000'	<b>DATE:</b> 05/21/2013

07/12/2013



NAD 83 LON:80°21'16.7"  
DECIMAL LON:81.35464

6,120'

# GODSHALL LEASE WELL NO. 13 WV0048 840± ACRES

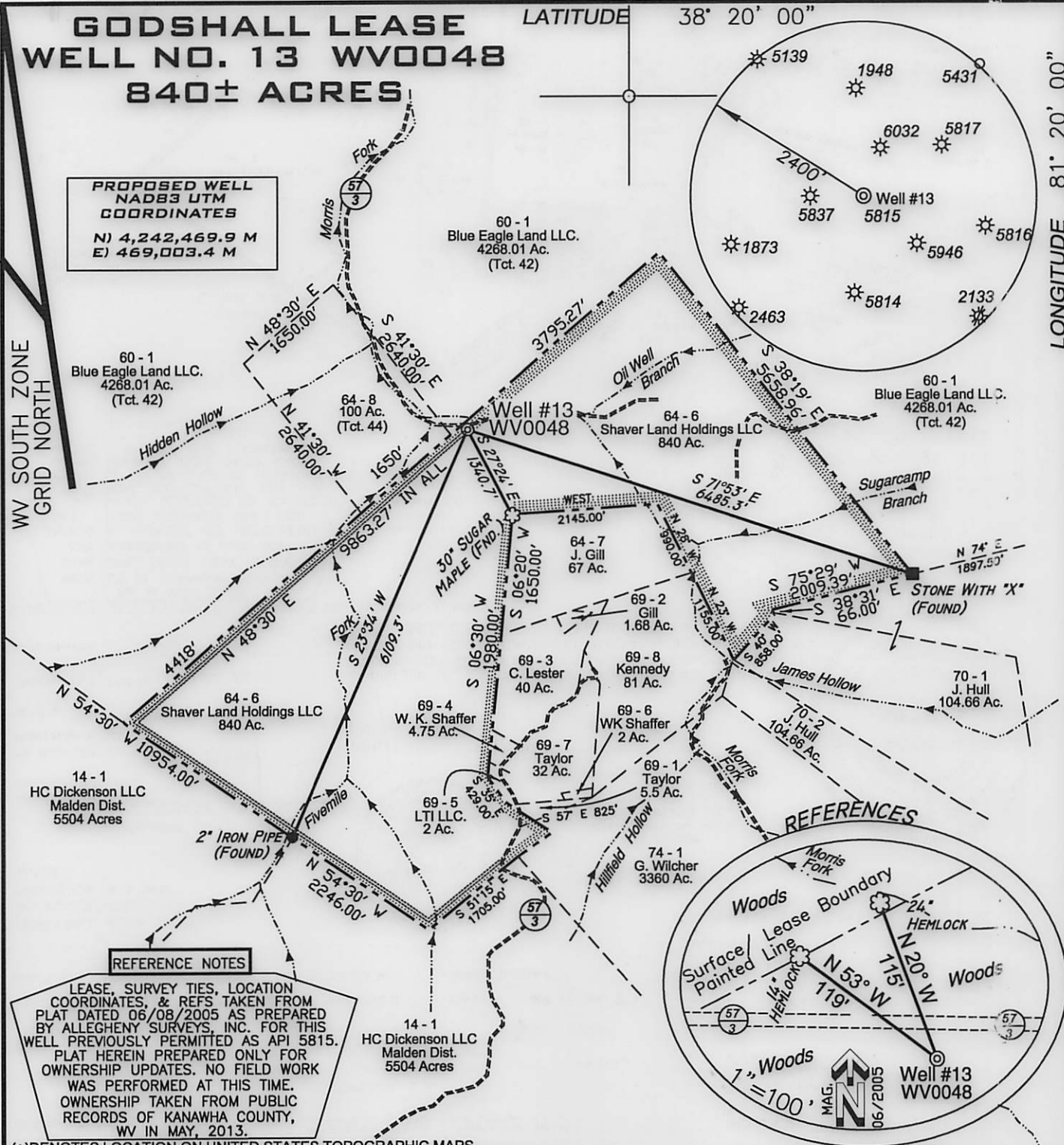
LATITUDE 38° 20' 00"

LONGITUDE 81° 20' 00"

NAD 83 LAT:38°19'47.4"  
DECIMAL LAT:38.32982

**PROPOSED WELL  
NAD83 UTM  
COORDINATES**

N) 4,242,469.9 M  
E) 469,003.4 M

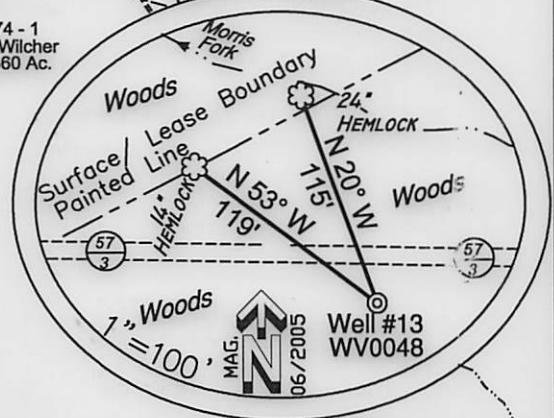


**REFERENCE NOTES**

LEASE, SURVEY TIES, LOCATION COORDINATES, & REFS TAKEN FROM PLAT DATED 06/08/2005 AS PREPARED BY ALLEGHENY SURVEYS, INC. FOR THIS WELL PREVIOUSLY PERMITTED AS API 5815. PLAT HEREIN PREPARED ONLY FOR OWNERSHIP UPDATES. NO FIELD WORK WAS PERFORMED AT THIS TIME. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF KANAWHA COUNTY, WV IN MAY, 2013.

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

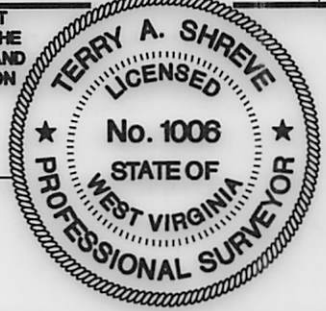
**REFERENCES**



FILE NUMBER 130598(WB)  
DRAWING NUMBER 120598\_WP13  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY 1/2400  
PROVEN SOURCE OF ELEVATION DIFFERENTIAL SUBMETER  
MAPPING GRADE GPS

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 ENVIRONMENTAL PROTECTION

P.S. 1006 *Terry A. Shreve*



WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304

DATE: MAY 21, 2013

GODSHALL NO. 13

OPERATORS WELL NO. WV0048

API WELL NO. 47-039-05815

STATE COUNTY PERMIT

LOCATION ELEVATION 879' WATERSHED MORRIS FORK

DISTRICT ELK COUNTY KANAWHA  
QUADRANGLE MAMMOTH 7.5' LEASE NUMBER

SURFACE OWNER SHAVER LAND HOLDING, LLC. ACREAGE 840±  
OIL & GAS ROYALTY OWNER SHAVER LAND HOLDING, LLC. LEASE ACREAGE 840±

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

TARGET FORMATION INJUN PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
ESTIMATED DEPTH 1,714'

WELL OPERATOR MOUNTAIN V OIL & GAS, INC. DESIGNATED AGENT MIKE SHAVER  
ADDRESS P.O. BOX 470, BRIDGEPORT, WV 26330 ADDRESS P.O. BOX 470, BRIDGEPORT, WV 26330

07/12/2013

A.R.L.B

COUNTY NAME PERMIT

3905815 R

NAD 83 LON:80°21'16.7"  
DECIMAL LON:81.35464

# GODSHALL LEASE WELL NO. 13 WV0048 840± ACRES

LATITUDE

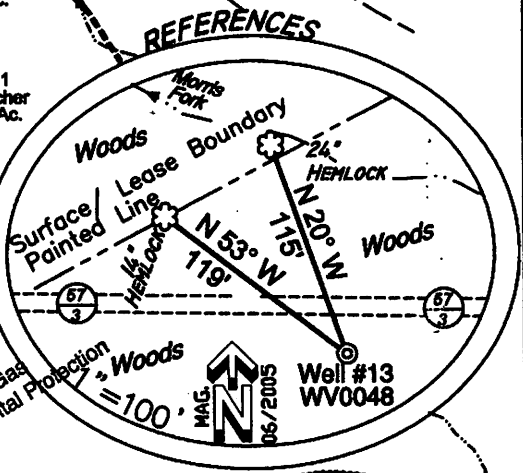
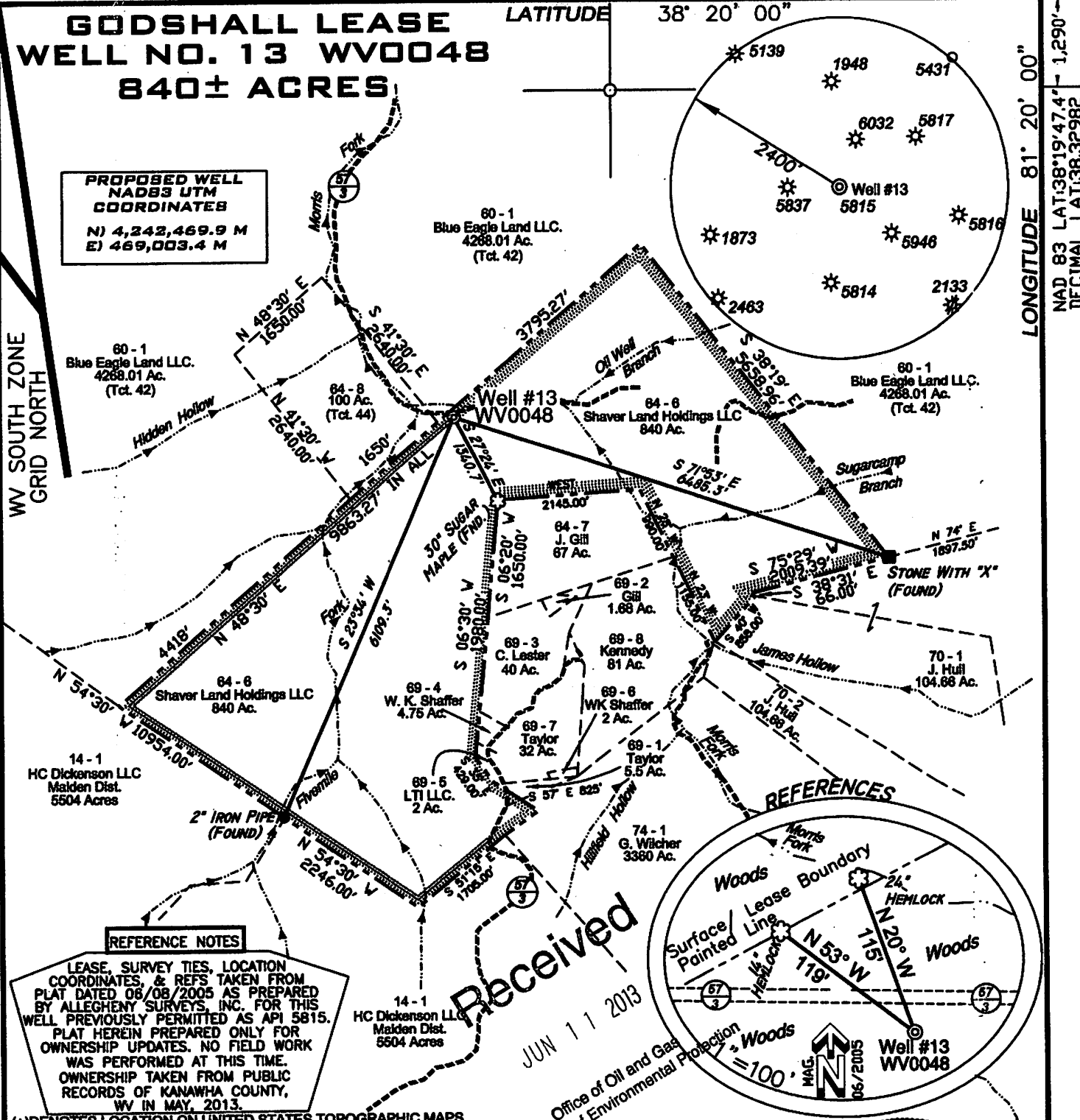
38° 20' 00"

LONGITUDE 81° 20' 00"

NAD 83 LAT:38°19'47.4"  
DECIMAL LAT:38.32982

**PROPOSED WELL  
NAD83 UTM  
COORDINATES**  
N) 4,242,469.9 M  
E) 469,003.4 M

WV SOUTH ZONE  
GRID NORTH



**REFERENCE NOTES**  
LEASE, SURVEY TIES, LOCATION COORDINATES, & REFS TAKEN FROM PLAT DATED 08/08/2005 AS PREPARED BY ALLEGHENY SURVEYS, INC. FOR THIS WELL. PREVIOUSLY PERMITTED AS API 5815. PLAT HEREIN PREPARED ONLY FOR OWNERSHIP UPDATES. NO FIELD WORK WAS PERFORMED AT THIS TIME. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF KANAWHA COUNTY, WV IN MAY, 2013.

Received  
JUN 11 2013

Office of Oil and Gas  
of Environmental Protection

FILE NUMBER 130598(WB)

DRAWING NUMBER 120598\_WP13

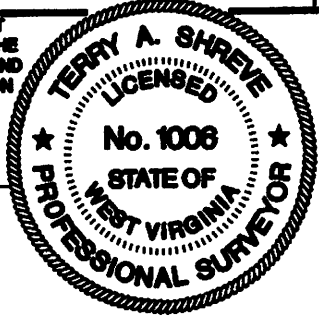
SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1/2400

PROVEN SOURCE OF ELEVATION DIFFERENTIAL SUBMETER  
MAPPING GRADE GPS

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 ENVIRONMENTAL PROTECTION

P.S. 1006 *Terry A. Shreve*  
LAND SURVEYING, LLC  
GRANTSVILLE, WV 26147  
(304) 394-0065



WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304



DATE: MAY 21, 2013

GODSHALL NO. 13

OPERATORS WELL NO. WV0048:

API WELL NO. 47-039-05815

STATE COUNTY PERMIT

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

LOCATION ELEVATION 879' WATERSHED MORRIS FORK

DISTRICT ELK COUNTY KANAWHA

QUADRANGLE MAMMOTH 7.5' LEASE NUMBER

SURFACE OWNER SHAVER LAND HOLDING, LLC. ACREAGE 840±

OIL & GAS ROYALTY OWNER SHAVER LAND HOLDING, LLC. LEASE ACREAGE 840±

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_  
PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE (SPECIFY)

TARGET FORMATION INJUN PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
ESTIMATED DEPTH 1,714'

WELL OPERATOR MOUNTAIN V OIL & GAS, INC. DESIGNATED AGENT MIKE SHAVER

ADDRESS P.O. BOX 470, BRIDGEPORT, WV 26330 ADDRESS P.O. BOX 470, BRIDGEPORT, WV 26330

0711212013

AR.L.B

39-05815R



P. O. Box 470  
Bridgeport, WV 26330

Office: 304-842-6320  
Fax: 304-842-0016

May 29, 2013

Check # 44425  
\$ 650.<sup>00</sup>

Jeff McLaughlin  
WV DEP  
Office of Oil & Gas  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

Re: **Rework Permit on the following well:**  
**Godshall #13 WV0048 API 47-039-5815**  
**Elk District, Kanawha County, WV**

Dear Jeff,

Please find enclosed with this letter the Permit Application for the following rework well site located Kanawha County, West Virginia:

- **Godshall #13 WV0048 API 47-039-5815**

The permit is accompanied by an executed Surface Waiver and Coal Waiver.

Should you have any questions comments or concerns or I failed to supply you with all supporting data to permit this well please contact me at your convenience.

Respectfully Yours,

Jamie Andrews  
Mountain V Oil & Gas, Inc.

Received

JUN 11 2013

Office of Oil and Gas  
WV Dept. of Environmental Protection  
07/12/2013