



west virginia department of environmental protection

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

PERMIT MODIFICATION APPROVAL

October 10, 2013

HG ENERGY, LLC
5260 DUPONT ROAD
PARKERSBURG, WV 26101

Re: Permit Modification Approval for API Number 9502099 , Well #: E. T. PARKS 10
MOVE SURFACE TO EXISTING WELL SITE AND DRILL DIRECTIONALLY TO TARGET

Oil and Gas Operator:

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

Gene Smith
Regulatory/Compliance Manager
Office of Oil and Gas

95020995

09EE 0509 2000 094E 2102

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 SEP 19 2013
 ETP10-R

<i>Sent To</i>	
Mary Jean McCoy	
<i>Street, Apt. No., or PO Box No.</i>	
5 Camelot MH P	
<i>City, State, ZIP+4</i>	
Fairmont WV 26554	

PS Form 3800, August 2005 See Reverse for Instructions

95020995

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PARKERSBURG WV 26101
 Postmark Here

ETP10-Rev

Sent To: Melba Jean Templeton
 Street, Apt. No., or PO Box No.: 1574 Pleasant Ridge Road
 City, State, ZIP+4: Siotersville WV 26175

PS Form 3800, August 2005 See Reverse for Instructions

7012 346 0002 650 391
 16EE 0599 2000 04HE 2107

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Tyler

Operator
Operator well number

HG Energy LLC
ET Parks 10

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) 928-0450

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 a 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 my 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

FOR EXECUTION BY A CORPORATION, ETC.

Mary Jean McCoy
Signature
Mary Jean McCoy
Print Name

Date 09/23/2008

Company Name _____
By _____
its _____
Date _____
Signature _____
Date _____

WW-2B1

Well No. E.T. Parks No. 10 - Revised

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:

Contractor Name Sturm Environmental Services
 Well operator's private laboratory

Well Operator HG Energy, LLC
Address 5260 Dupont Road
Parkersburg, WV 26101

Telephone 304-420-1119

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 underlining 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.

Melba Jean Templeton	1574 Pleasant Ridge Road	Sistersville, WV 26175
Fred L. & Dottie Glover	HC 62, Box 53	Alvy, WV 26322
Clyde Roy & Shanna R. Glover	HC 62, Box 53	Alvy, WV 26322
Stephen Paul Glover	HC 62, Box 54	Alvy, WV 26322
Fred Loren Glover, Jr.	HC 62, Box 50	Alvy, WV 26322
Timothy R. Riley	HC 62, Box 47	Jacksonburg, WV 26377
Allen D. Stackpole	HC 62, Box 46	Jacksonburg, WV 26377
Kenneth L. & Genieva T. Glover	HC 62, Box 45	Jacksonburg, WV 26377

95020995

Form WW-9
Rev. 10/94

Page 3 of 3
API Number 47- 095 - 2099
Operator's Well No. E.T. Parks No. 10 - Revised

STATE OF WEST VIRGINIA
DEPARTMENT 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 HG Energy, LLC OP Code 494497948
 Watershed McIntyre Fork Quadrangle Centerpoint 7.5'
 Elevation 888' County Tyler District McElroy
 Description of anticipated Pit Waste: Fluids encountered in drilling and stimulating existing well.
 Do you anticipate more than 5,000 bbls of water to complete the proposed well work Yes No X
 Will a synthetic liner be used in pit? Yes If so, what mil.? 20 Mil.
 Proposed Disposal Method For Treated Pit Wastes:
 Land Application)
X Underground Injection (UIC Permit Number))
 Reuse (at API Number))
 Off Site Disposal (Supply Form WW-9 for disposal location))
 Other (Explain))
 Drilling medium anticipated for this well? Air, fresh water, oil based, etc. Air
 - If oilbased, what type? Synthetic, petroleum, etc. NA
 Additives to be used? NA
 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 Native soil, sawdust, lime
 - Landfill or offsite name/permit number? NA

DCW
9-16-2013

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 Department 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 Diane C White
 Company Official (Typed Name) Diane C. White
 Company Official Title Accountant

Subscribed and sworn before me this 16 day of September 2013
Tina L. PeihTEL

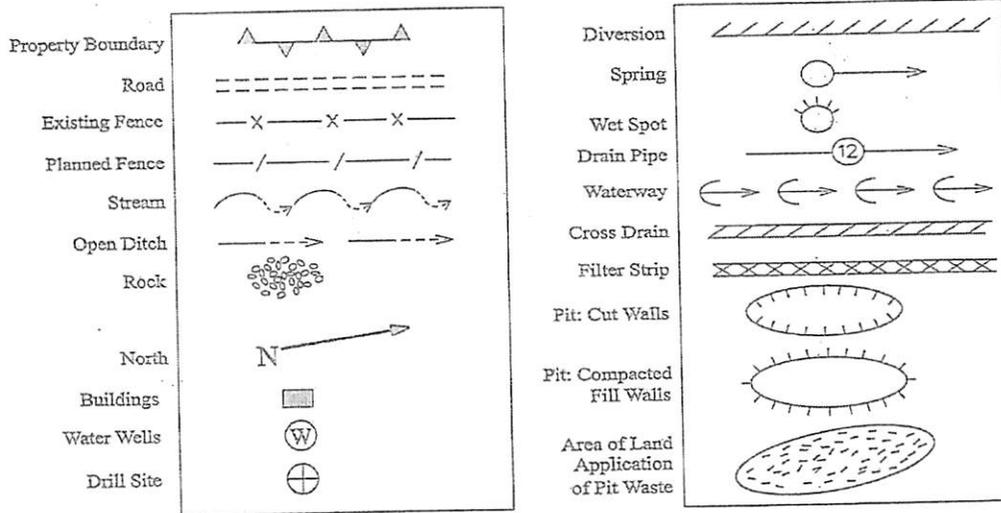
My commission expires NOV. 12. 2018
Form WW-9



95020995

WWQ-Rark

Legend



Area I
 Proposed Revegetation Treatment: Acres Disturbed Approx. 1.4 Ac. Prevegetation pH
 Area II
 Approx. 0.6 Ac.

Lime 2 Tons/Acre or Correct to pH 6.5
 Fertilizer (10-20-20 or Equivalent) 500 Lbs./Acre (500 lbs. Minimum)
 Mulch Straw 2 Tons/Acre

SEED MIXTURES

<u>Area I (Location)</u>		<u>Area II (Road)</u>	
Seed Type	Lbs./Ac.	Seed Type	Lbs./Ac.
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5

Attach:
 Drawing(s) of road, location, pit and proposed area for land application
 Photocopied section of involved 7.5' topographic sheet.

Plan approved by: Douglas Newland
 Comments: Revised from approved permit
 Title: Oil & Gas Inspector Date: 9-16-2013
 Field Reviewed? () Yes (/) No

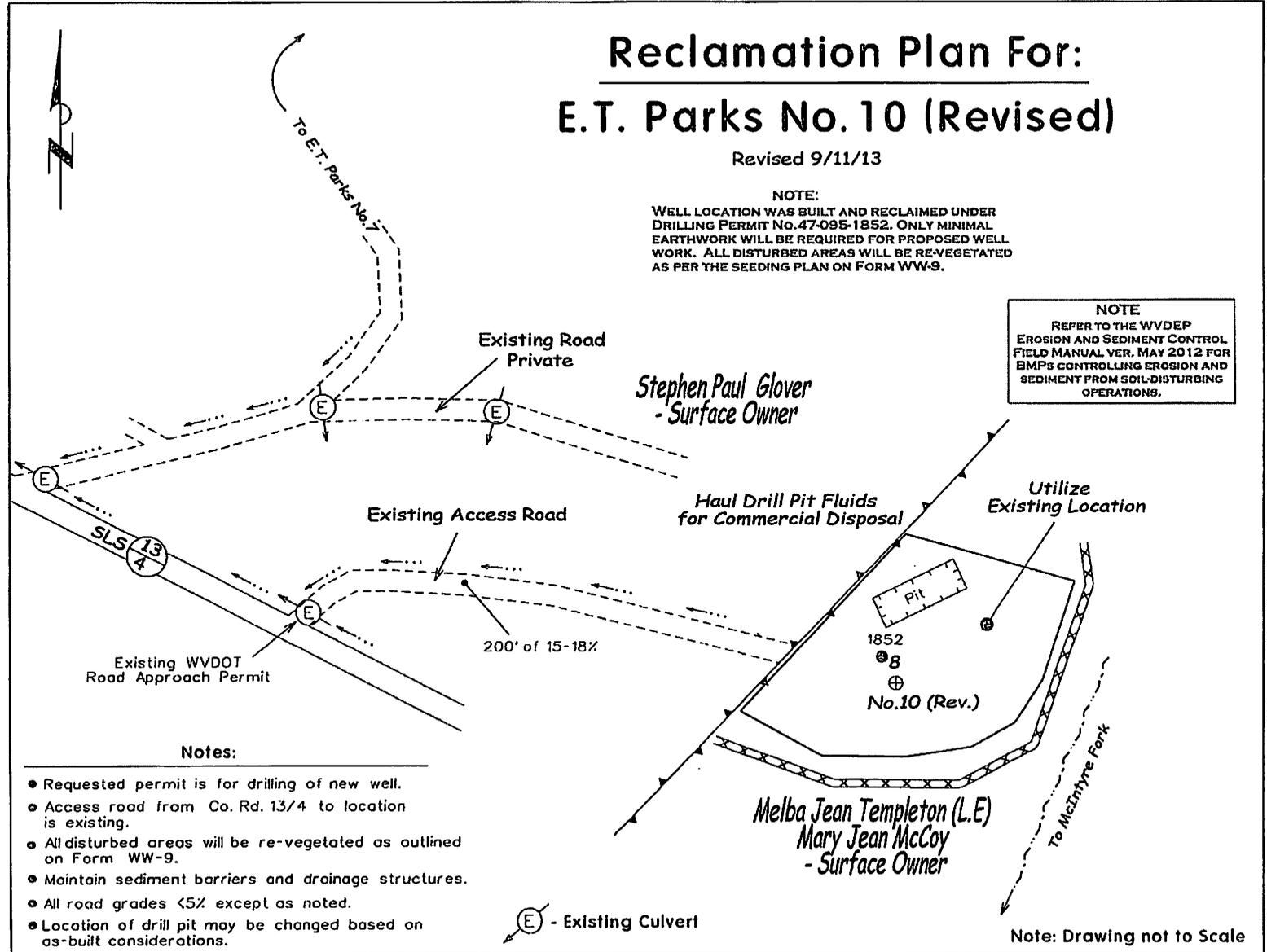
95020995

Reclamation Plan For: E.T. Parks No. 10 (Revised)

Revised 9/11/13

NOTE:
WELL LOCATION WAS BUILT AND RECLAIMED UNDER DRILLING PERMIT NO. 47-095-1852. ONLY MINIMAL EARTHWORK WILL BE REQUIRED FOR PROPOSED WELL WORK. ALL DISTURBED AREAS WILL BE RE-VEGETATED AS PER THE SEEDING PLAN ON FORM WW-9.

NOTE
REFER TO THE WVDEP EROSION AND SEDIMENT CONTROL FIELD MANUAL VER. MAY 2012 FOR BMPs CONTROLLING EROSION AND SEDIMENT FROM SOIL-DISTURBING OPERATIONS.



Stephen Paul Glover
- Surface Owner

Melba Jean Templeton (L.E.)
Mary Jean McCoy
- Surface Owner

Existing WVDOT
Road Approach Permit

Existing Access Road

200' of 15-18%

Existing Road
Private

Haul Drill Pit Fluids
for Commercial Disposal

Utilize
Existing Location

1852
8
No.10 (Rev.)

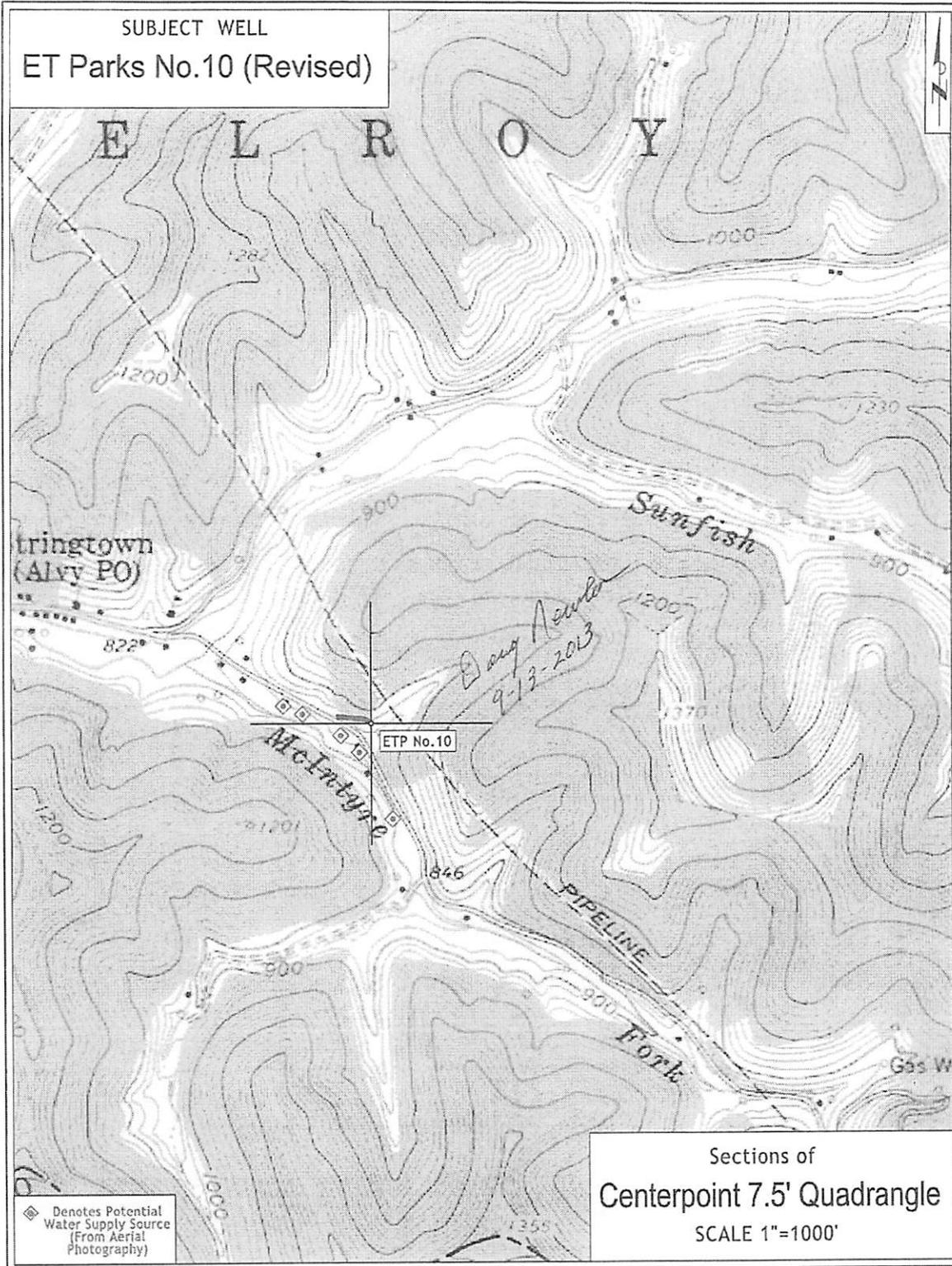
To McIntyre Fork

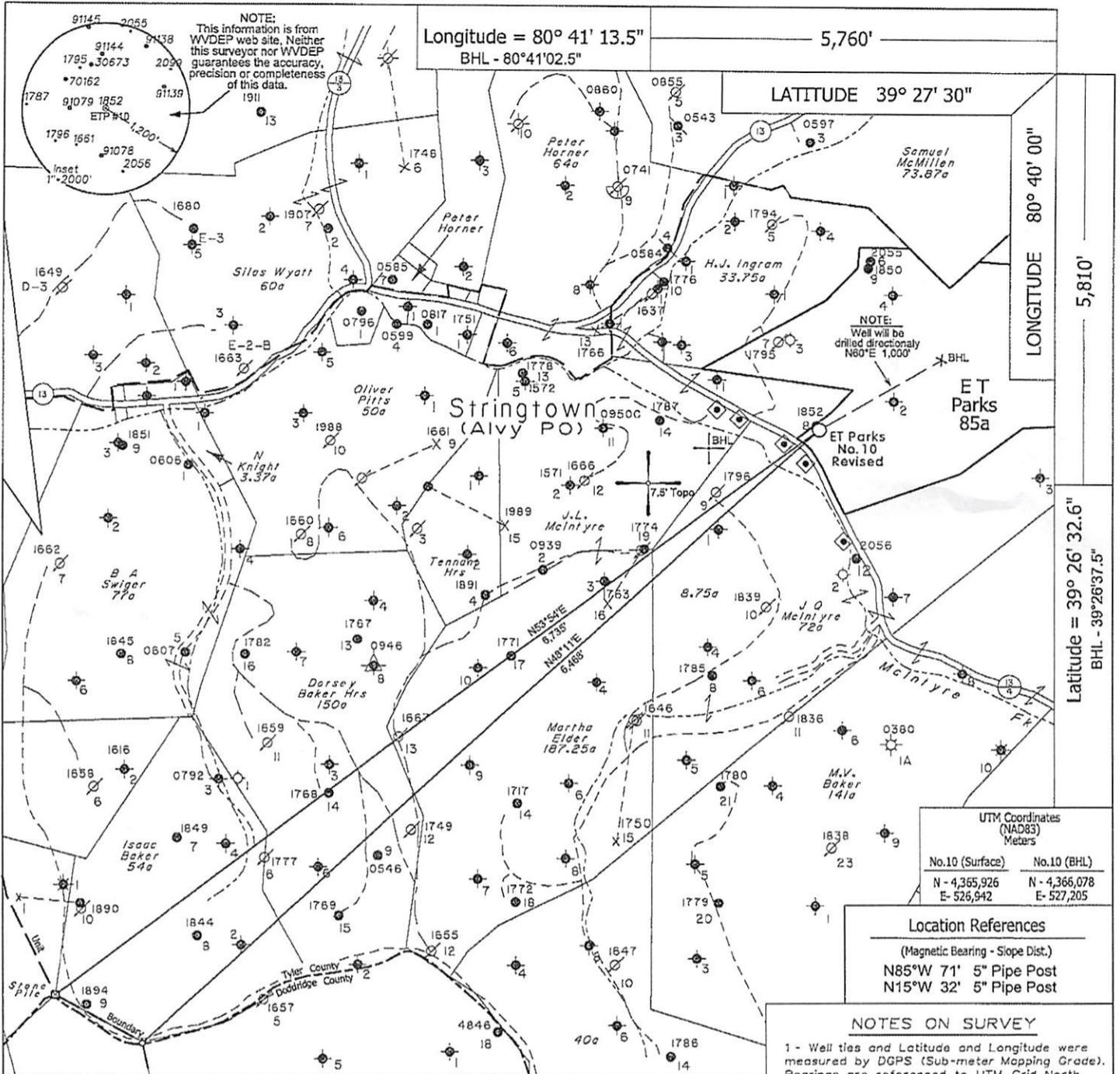
Notes:

- Requested permit is for drilling of new well.
- Access road from Co. Rd. 13/4 to location is existing.
- All disturbed areas will be re-vegetated as outlined on Form WW-9.
- Maintain sediment barriers and drainage structures.
- All road grades <5% except as noted.
- Location of drill pit may be changed based on as-built considerations.

E - Existing Culvert

Note: Drawing not to Scale



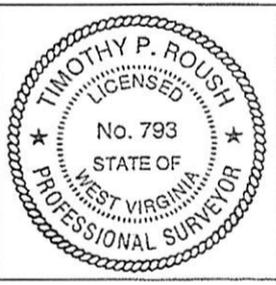


◆ - DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.
+ - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. 1046-22
MAP NO. N S E W
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY Sub-Meter
PROVEN SOURCE OF ELEVATION DGPS Survey
(Sub-Meter Mapping Grade)

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

(SIGNED) *Timothy P. Roush*
TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25301



DATE September 11, 2013
FARM ET Parks No.10 Revised
API WELL NO. 47-095
Office of Oil and Gas

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 888' WATERSHED McIntyre Fork
DISTRICT McElroy COUNTY Tyler
QUADRANGLE Centerpoint 7.5'
SURFACE OWNER Mary Jean McCoy ACREAGE 29.5
OIL & GAS ROYALTY OWNER HG Energy LLC., et al. LEASE ACREAGE 85 Ac.
LEASE NO. 99410-00
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Drill Directionally N60°E 1,000'
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Gordon ESTIMATED DEPTH 2870' TVD, 3,050' MD
WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Mike Kirsch
ADDRESS 5260 Dupont Road ADDRESS 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

FORM IV-6

OCT 10 2013

RECEIVED 2099 S
Office of Oil and Gas

WV Department of Environmental Protection

95020995



HG Energy, LLC
5260 Dupont Road
Parkersburg, WV 26101
(304) 420-1100 - Office
(304) 863-3172 - Fax

DRILL DIRECTIONALLY

September 16, 2013

Mr. Jeff McLaughlin
WVDEP
Division of Oil & Gas
601 57th Street
Charleston, West Virginia 25304

RE: Request to Revise E. T. Parks No. 10 – (API 47-095-2099)
McElroy District, Tyler County
West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-3A, WW-3A(1), WW-3B, WW-9, WW-3(B1), mylar of plat, reclamation plan, topo map and copies of the certified mailing receipts for a request to revise a permit to drill a liquid injection well.

Upon review, should you have questions please call me at 304-420-1119 or email me at dwhite@hgenergyllc.com.

Very truly yours,

Diane C White

Diane C. White

Enclosures

cc: Melba Jean Templeton – Certified
Joe Taylor – Inspector
David Cowan - Inspector