



**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

April 22, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-10902543, issued to CLASSIC OIL & GAS RESOURCES 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin  
Chief

Operator's Well No: HUGHES 1  
Farm Name: HUGHES, BOBBY  
**API Well Number: 47-10902543**  
**Permit Type: Plugging**  
Date Issued: 04/22/2014

Promoting a healthy environment.

04/25/2014

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil      / Gas X / Liquid injection      / Waste disposal      /  
(If "Gas, Production X or Underground storage     ) Deep      / Shallow     

5) Location: Elevation 1458' Watershed Clear Fork Creek  
District Clear Fork #1 County Wayne Quadrangle Ocean 518

6) Well Operator Classic Oil & Gas Resources 7) Designated Agent Robert Inghram  
Address 466 W. Brannon Road Address P.O. Box 122  
Nicholasville, Ky 40356 Cedar Grove, WV 25039

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Barry Stallings Name Gasco Drilling  
Address P.O. Box 1228 Address Cedar Bluff, VA  
Chapmanville, WV 25008

10) Work Order: The work order for the manner of plugging this well is as follows:

0' - 1028' fill with cement.

*AS*  
*4/17/14*

Received

MAR 24 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Barry Stallings Date 11-8-05

REVISED

State of West Virginia  
 Division of Environmental Protection  
 Section of Oil and Gas  
 Well Operator's Report of Well Work

Farm Name : Hughes Operator Well No. : 1  
 LOCATION: Elevation: 1458.66' Quadrangle: Oceana  
 District: Clear Fork County: Wyoming  
 Latitude: 14,090 Feet South of 37 Deg. 40 Min. 00 Sec.  
 Longitude: 7,140 Feet West of 81 Deg. 40 Min. 00 Sec.

Company: Classic Oil and Gas Resources  
 416 West Brannon Road  
 Nicholasville, KY 40356-8845

Agent: ROBERT INGRAM

Inspector: Barry Stollings  
 Permit Issued: 06-08-05  
 Well Work Commenced: 10-27-05  
 Well Work Completed: 11-03-05  
 Verbal Plugging  
 Permission granted on: 11-03-05  
 Rotary X Cable \_\_\_\_\_ Rig  
 Total Depth (feet) 1028'  
 Fresh water depths (ft) 990'  
 Salt water depths (ft) None  
 Is coal being mined in area (Y/N)? N

Casing & Tubing	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
Size <u>12 3/4"</u>	<u>25'</u>	<u>25'</u>	<u>n/a</u>
<u>9 5/8"</u>	<u>0'</u>	<u>0'</u>	<u>n/a</u>
<u>7"</u>	<u>0'</u>	<u>0'</u>	<u>n/a</u>
<u>4 1/2"</u>	<u>0'</u>	<u>0'</u>	<u>n/a</u>

Coal Depths (ft): \_\_\_\_\_  
 OPEN FLOW DATA

Producing formation N/A Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow S \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests N/A \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours  
 Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ 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 OPERATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Received

MAR 24 2014

William Kelly  
 CLASSIC OIL & GAS RESOURCES, INC.  
 BY: William Kelly  
 Date: 03/24/14

04/25/2014

**DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.**

Lost hole, P&A, skidded rig

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>OIL, GAS, WATER</u>
Pennsylvanian Sands, shales, coals	0'	1028' TD	
Princeton			
Ravencliff			
Upper Maxton			
Middle Maxton			
Lower Maxton			
Big Lime			
Injun			
Weir			
Berea			
Gordon			
Devonian Shale			



1) Date: November 4, 2005  
2) Operator's Well Number Hughes No. 1

3) API Well No.: 47 - 109 - 2543

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Bobby Hughes</u>	Name <u>N/A</u>
Address <u>HC 67, Box 718</u>	Address _____
<u>Clear Fork, WV 24822</u>	_____
(b) Name _____	<b>(b) Coal Owner(s) with Declaration</b>
Address _____	Name <u>Bobby Hughes</u>
_____	Address <u>HC 67, Box 718</u>
_____	<u>Clear Fork, WV 24822</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
<b>6) Inspector</b> <u>Barry Stollings</u>	<b>(c) Coal Lessee with Declaration</b>
Address <u>P.O. Box 1228</u>	Name <u>N/A</u>
<u>Chapmanville, WV 25508</u>	Address _____
Telephone <u>(304) 855-5401</u>	_____

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

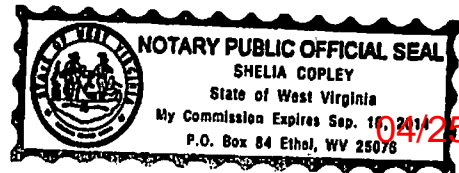
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator	<u>Classic Oil &amp; Gas Resources, Inc.</u>	
By:	<u>[Signature]</u>	
Its:	<u>President</u>	<b>Received</b>
Address	<u>416 W. Brannon Road</u>	
	<u>Nicholasville, KY 40356</u>	
Telephone	<u>(859) 296-9608</u>	<u>MAH 24 2014</u>

Subscribed and sworn before me this 4th day of November 2005  
Shelia Copley Notary Public  
My Commission Expires September 16, 2014

Office of Oil and Gas  
West Virginia Department of Environmental Protection



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's Name Classic Oil & Gas Resources, Inc. OP Code 310128

Watershed Clear Fork Quadrangle Oceana

Elevation 1458.66' County Wyoming District Clear Fork

Description of anticipated Pit Waste: Drill cuttings, fresh water, treatment water

RECEIVED  
Office of Oil & Gas

Will a synthetic liner be used in the pit? Yes

JUN 08 2005

Proposed Disposal Method For Treated Pit Wastes:

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

WV Department of  
Environmental Protection

Proposed Work For Which Pit Will Be Used:

- Drilling  Swabbing
- Workover  Plugging
- Other (Explain Clean up after frac.)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on December 31, 1999, 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 enforceable 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 *William W. Kelly, Jr.*

Received

Company Official (Typed Name) William W. Kelly, Jr.

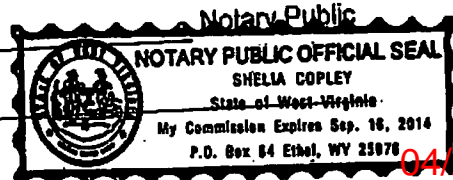
MAR 24 2014

Company Official Title President

Office of Oil and Gas  
WV Dept. of Environmental Protection

Subscribed and sworn before me this 6th day of June, 2005

*Shelia Copley*  
My commission expires September 16, 2014



04/25/2014

109-025437

LEGEND

- Property Boundary
- Road
- Existing Fence
- Planned Fence
- Stream
- Open Ditch
- Rock
- North
- Buildings
- Water wells
- Drill site

- Diversion
- Spring
- Wet Spot
- Drain Pipe with size in inches
- Waterway
- Cross Drain
- Artificial Filter Strip
- Pit: cut walls
- Pit: compacted fill walls
- Area for Land Application of Pit Waste

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Office of Oil & Gas

JUN 08 2005

NEW YORK DEPARTMENT OF  
Environmental Protection

Proposed Revegetation Treatment: Acres Disturbed 1.5 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct pH 6.5

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

Mulch Hay or Straw @ 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
KY 31 fescue		<u>30</u>	KY 31 fescue		<u>30</u>
Crownvetch		<u>10</u>	Crownvetch		<u>10</u>
Birdsfoot Trefoil		<u>10</u>	Birdsfoot Trefoil		<u>10</u>

Received

MAR 24 2014

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

Photocopied sections of involved 7.5' topographic sheet.

Office of Oil and Gas  
WV Dept. of Environmental Protection

Plan approved by: Bill Halford

Title: inspector Date: 6-7-05

Field Reviewed? (  ) Yes (  ) No

04/25/2014



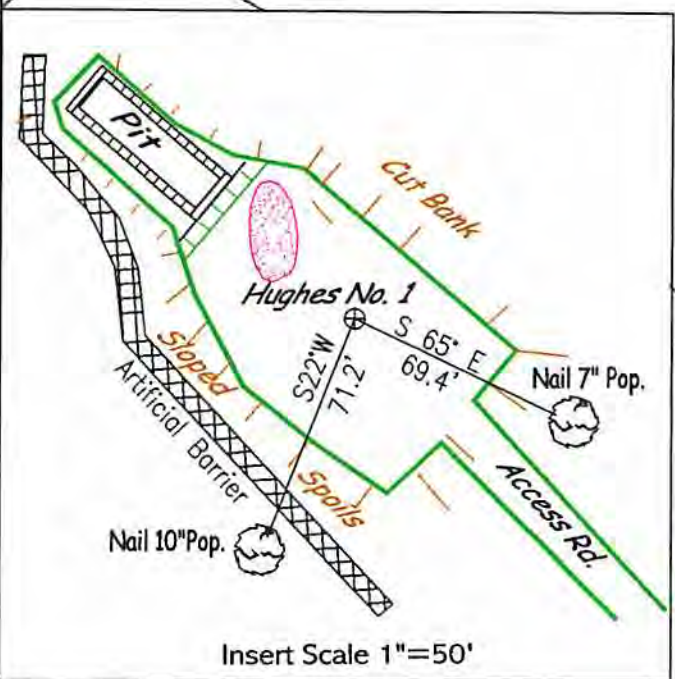
A minimum of 12" dia. culverts will be installed along the entire roadway, culverts will have a minimum of 1/2 per foot slope along with a minimum of 12" cover and a 30 deg. skew angle downgrade. A 20% maximum grade will be maintained on all new road construction unless pre-approved by the Inspector on a case by case basis. Ditch side slopes will not be steeper than 2:1 when excavated in soil with a capacity of handling 0.1 cfs/acre of drainage. All trees greater than 6" dia. will be placed in the woodpile. All culverts in drainage crossings have been sized to meet the requirements of Table II-6.

109-02543P

James Hughes et al No. 1 Proposed Gas Well Location

Fred & Nancy Hughes  
65 Ac.  
120-74  
141/354

James Hughes  
44 Ac.  
120-75  
303/662

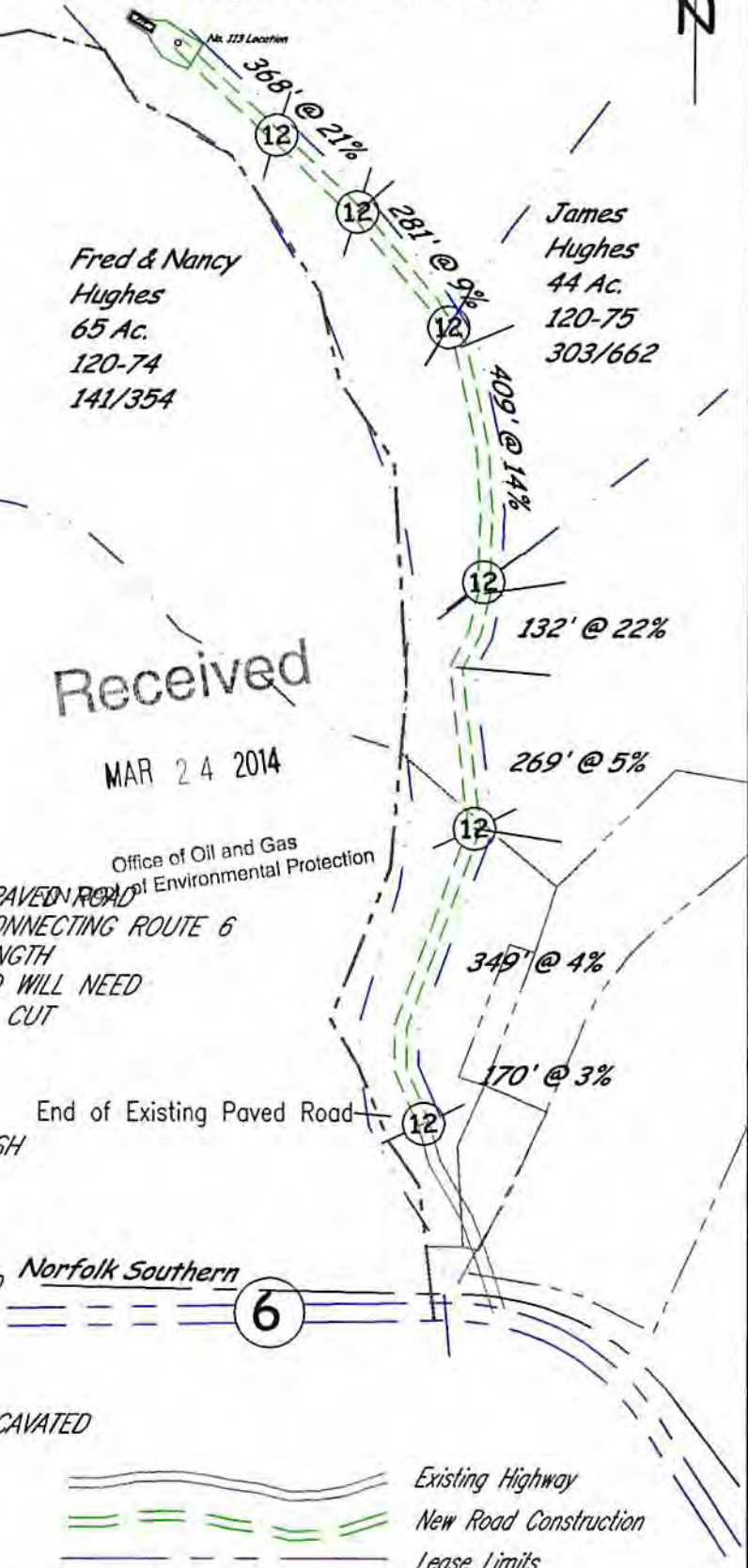


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Office of Oil and Gas  
of Environmental Protection

1. THE ACCESS ROAD WILL BEGIN AT THE END OF THE PAVED ROAD A PRIVATE DRIVE SERVING JAMES HUGHES AND OTHERS CONNECTING ROUTE 6 THE ROAD WILL BE CONSTRUCTED ALONG THE ENTIRE LENGTH A DISTANCE OF 2010' TO THE NO. 1 LOCATION. THE ROAD WILL NEED INSTALLATION OF 6 CULVERTS, GRAVEL, AND A DITCH LINE CUT ALONG ITS TOTAL LENGTH.
2. INLETS AND OUTLETS OF THE CULVERTS WILL BE PROTECTED BY CRUSHED STONE. STRAW BALES AND BRUSH WILL BE UTILIZED TO CONTROL SEDIMENT AND RUN-OFF.
3. DRAINAGE DITCHES WILL BE CUT ALONG THE ENTIRE LENGTH OF THE ROAD AND WATER BREAKS WILL BE ADDED EVERY 200' IN PHASE II IN ACCORDANCE TO THE TECHNICAL MANUAL.
4. TEMPORARY SEEDING WILL BE APPLIED ALONG THE EXCAVATED AREA WHEN NEEDED.



**CLASSIC OIL & GAS RESOURCES, INC.**  
RECLAMATION PLAN-FORM WW-9  
James Hughes et al No. 1  
Proposed Gas Well Location

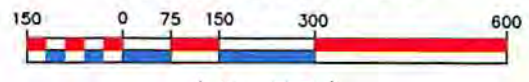
DISTRICT: Clear Fork COUNTY: Wyoming  
7 1/2' QUAD. SHEET: Oceana, W.V.  
DATE: June 7th, 2005 SCALE: 1" = 300'



**BENCHMARK SURVEYING, INC.**  
BOX 50 SUITE 4 CANEY BRANCH ROAD  
CHAPMANVILLE, WV 25508  
304-855-7646

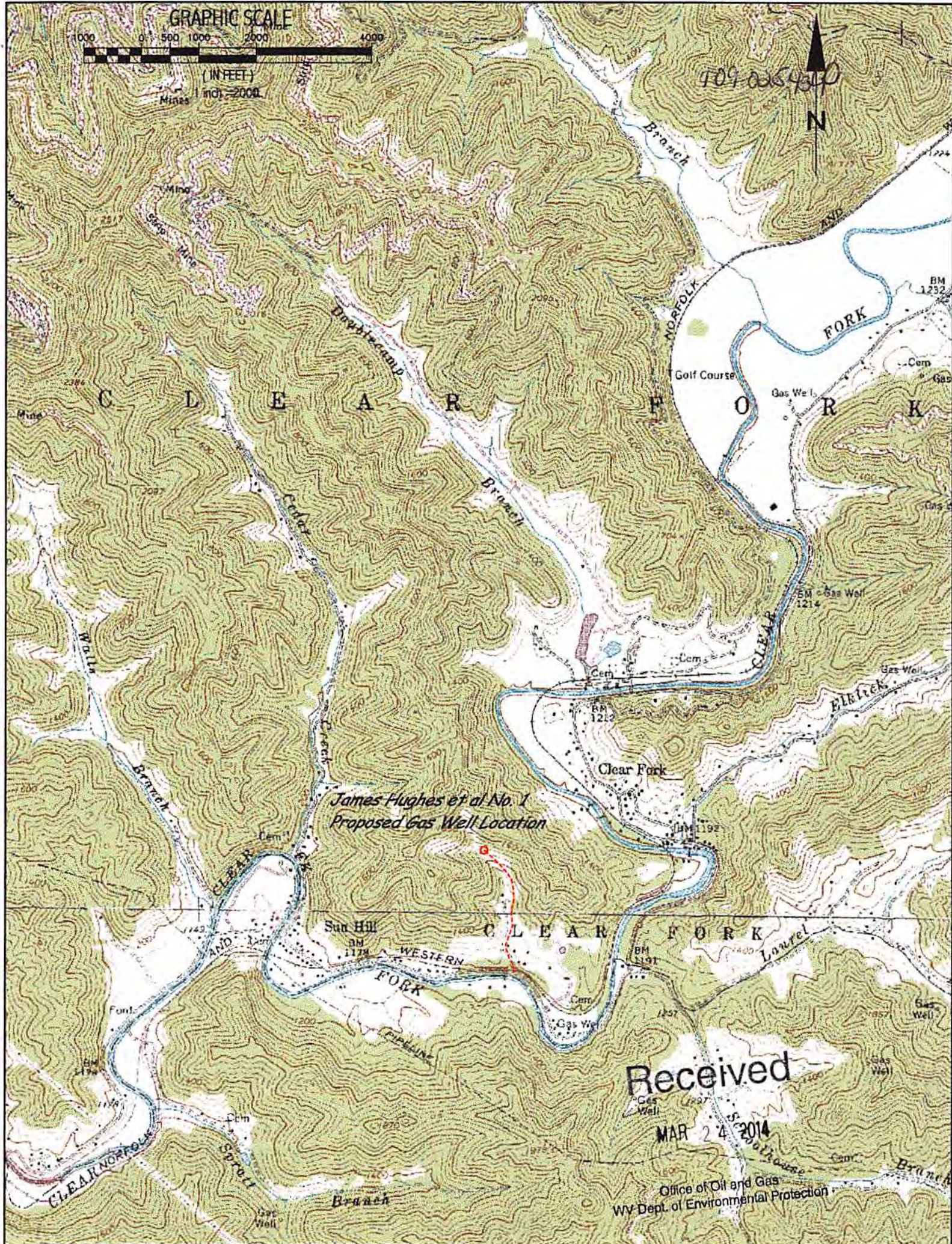


**GRAPHIC SCALE**



( IN FEET )  
1 inch = 300 ft.





Classic Oil & Gas Resources, Inc.  
 RECLAMATION PLAN-FORM WW-9  
 Plum Creek Timber Co. No. 114 Location  
**PROPOSED GAS WELL LOCATION**  
 DISTRICT: BIG CREEK COUNTY MCDOWELL  
 7 1/2' QUAD. SHEET: WAR.W.V.  
 DATE: August 20th, 2004 SCALE: 1" = 2000'  
**BENCHMARK SURVEYING, INC.**  
 SUITE 4 50 CANEY BRANCH ROAD  
 HONNE CHAPMANVILLE, WV 25508  
 304-855-7646

**LEGEND OF SYMBOLS**

	State Road
	Proposed Road Construction
	Existing Access Rd.
	Well Location

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 MAR 24 2014  
 Office of Oil and Gas  
 WV Dept. of Environmental Protection

04/25/2014



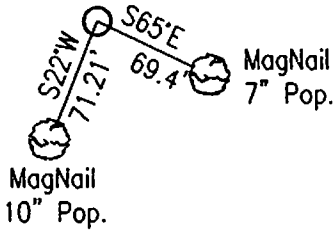
7,140'

LATITUDE: 37° 40' 00"

LONGITUDE: 81° 40' 00"

14,090'

INSERT  
SCALE: 1" = 100'  
James Hughes et al No. 1 Loc.



Juanita Belcher  
37.61 Ac.  
120-33.2  
303/391

James Hughes et al No. 1 Loc.

W.V. State Plane N.A.D. 1927 South  
N: 229,408.62'  
E: 1,799,787.26'

Dewey Laferty  
56.67 Ac.  
120-83  
158/515

120-75  
James Hughes et al  
44 acres  
303/662

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Office of Oil and Gas  
WV Dept. of Environmental Protection

120-74  
Fred & Nancy Hughes  
65 acres  
141/354

Fred Hughes  
Par. 78  
T.M. 120  
5.53 Ac.

Benchmark Surveying, Inc.  
Suite 4 Box 50 Coney Cr. Road  
Chapmanville, W.V. 25508  
304-855-7646

7.5' Topo Location

Drill Steel Fd.

109° 41' E  
304.37'

1.5" Iron Pipe Fd.

Norfolk Southern

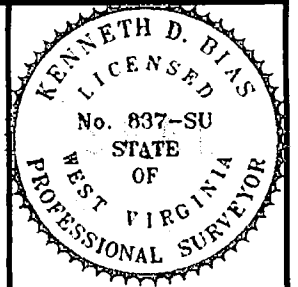
Clear Fork

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 2005-083  
DRAWING NO. 2005-083-Hughes 1  
SCALE 1" = 500'  
MINIMUM DEGREE OF  
ACCURACY 1:2,500'  
PROVEN SOURCE OF  
ELEVATION Kee Port H.A.R.N. Sta.  
at Pineville Airport El. 1723.55'

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.  
(SIGNED) \_\_\_\_\_

P.S. 837-SU



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



DATE: June 7th, 2005  
OPERATOR'S WELL NO. Hughes No. 1  
API WELL NO.

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
STATE COUNTY PERMIT

LOCATION: ELEVATION 1,458.66' WATER SHED Un-named tributary of Clear Fork of the Guyandotte River  
DISTRICT Clear Fork COUNTY Wyoming

QUADRANGLE Oceana, W.V. 7.5'  
SURFACE OWNER James Hughes et al ACREAGE 44

OIL & GAS ROYALTY OWNER James Hughes et al LEASE ACREAGE 44

LEASE NO. \_\_\_\_\_  
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 Devonian Shale ESTIMATED DEPTH 5,600'  
WELL OPERATOR Classic Oil & Gas Resources, Inc. DESIGNATED AGENT Robert Inghram  
ADDRESS 100 West Brannon Road ADDRESS P.O. Box 122  
Nicholasville, KY 40356-9743 Cedar Grove, WV 25039

Hughes No. 1

FORM WW-6

Wyoming  
COUNTY NAME PERMIT