



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

August 20, 2013

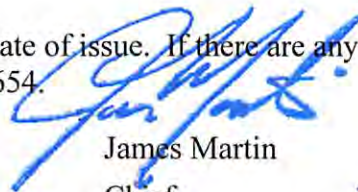
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-9100800, issued to ICG TYGART VALLEY, LLC, 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: O. NESTOR 1
Farm Name: ICG TYGART VALLEY, LLC
API Well Number: 47-9100800
Permit Type: Plugging
Date Issued: 08/20/2013

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 ___ / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1510 Watershed Three Fork Creek
District Knottsville 06 County Taylor 91 Quadrangle Thornton (638) 638

6) Well Operator ICG Tygart Valley, LLC 7) Designated Agent Charles E. Duckworth
Address 2708 Cranberry Square Address 1200 Tygart Drive
Morgantown, WV 26508 Grafton, WV 26354

8) Oil and Gas Inspector to be notified Name Bryan Harris
Address P.O. Box 157
Volga, WV 26238
9) Plugging Contractor Name Coastal Drilling East, LLC
Address 130 Meadows Ridge Road
Mt. Morris, PA 15349

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

SEE EXHIBIT NOS. 1 and 2

Received
AUG - 9 2013
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 Bryan Harris Date 8-5-13

08/23/2013

EXHIBIT NO. 1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, ICG Tygart Valley, LLC will utilize the following method to plug all future wells.

SOLID PLUG METHOD

- a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- b) If abandoned well: clean out to first plug 200 feet below lowest minable coal seam.
- c) Circulate through tubing or drill steel an expanding cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel from 100 feet above coal seam to surface.

A monument will be installed with API No. and stating "solid plug".

Received
AUG -9 2013
Office of Oil and Gas
WV Dept. of Environmental Protection

WW-4B

API No.	47-91-00800 <u>P</u>
Farm Name	<u>Onda Nestor</u>
Well No.	<u>Onda Nestor No. 1</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator X / owner ___ / lessee ___ / of the coal under this well location has examined this proposed plugging work order. 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.

Date: June 24, 2013

Coal Quest Development LLC

By: [Signature]
 Its: Secretary

Received
 AUG - 9 2013
 Office of Oil and Gas
 WV Dept. of Environmental Protection

08/23/2013

EXHIBIT NO. 2

CLEANOUT/PLUGGING PLAN

- **Day 1** - Move to site, rig up, mix mud, drill rathole.
- **Day 2** - Finish drilling rathole, start picking up 2 3/8" drill pipe and cleanout well with a 3 3/4" bit to total depth (T.D.).
- **Day 3** - Continue to pick up 2 3/8" drill pipe and cleanout to T.D. Trip out of the hole (T.O.H) with 2 3/8" drill pipe.
- **Day 4** - Run cement bond log on 4 1/2" casing, (calculations reached from the cement information taken from the report indicate the estimated top of the cement on the outside of the 4 1/2" is 3,191'), perforate/cut 4 1/2" casing every 100' from 5,137' to 3,291'. Total shots needed 120.
- **Day 5** - Trip in hole (T.I.H) with 2 3/8" drill pipe to T.D. Cement hole from 5,239' back to 3,191' with 160 sacks of Class A Cement with a gas blocker additive. Circulate hole, condition mud, T.O.H.
- **Day 6** - T.I.H with 3 3/4" bit to tag top of cement plug. T.O.H, T.I.H with 4 1/2" pressure pipe cutter, cut 4 1/2" casing just above top of bonded casing at 3,185'. Lay down 2 3/8" drill pipe.
- **Day 7** - Continue to lay down 2 3/8" drill pipe. Rig up 4 1/2" casing spear. Hook to 4 1/2" casing at the surface, release slips from wellhead and attempt work 4 1/2" casing free to 3,185'. Lay down 4 1/2" casing.
- **Day 8** - Rig up 7 7/8" bit. Pick up drill collars and drill pipe, start cleaning hole to top of remaining 4 1/2" casing at 3,185'.
- **Day 9** - Continue to clean hole with 7 7/8" bit to top of remaining 4 1/2" casing at 3,185'. Circulate hole. T.O.H with 7 7/8" bit. T.I.H with open ended 3 1/2" drill pipe.
- **Day 10** - Cement hole from 3,191' to within 50' of bottom of 8 5/8" casing at 1,031' with 1,000 gallons of mud flush and 500 sacks of Class A cement with 4% gel. Circulate hole and condition mud. T.O.H Log hole (Caliper, Natural Gamma, Directional and Bond logs). Calculations reached from the cement information taken from the report indicates that the 8 5/8" casing was cemented to surface.
- **Day 11** - T.I.H with 8 5/8" pressure pipe cutter. Cut 8 5/8" casing every 100' from 891' to 381' (6 cuts total). T.O.H with 8 5/8" cutter. T.I.H with 8 5/8" section mill. Section mill 30' window in 8 5/8" casing through coal seam.
- **Day 12** - Continue to section mill 8 5/8" casing through coal seam.
- **Day 13** - Finish section milling 8 5/8" casing. T.O.H with 8 5/8" section mill. T.I.H with 7 7/8" bit.
- **Day 14** - Clean hole with 7 7/8" bit to top of cement plug at 1,031'. Circulate hole at 1,031'. T.O.H with 7 7/8" bit. Run caliper log to verify window and cuts in 8 5/8" casing. Lay down drill collars and fishing tools. Prepare to cement hole to surface

Received
AUG - 9 2013

Office of Oil and Gas
Department of Environmental Protection

08/23/2013

EXHIBIT NO. 2

CLEANOUT/PLUGGING PLAN

- **Day 15** – Cement hole from 1,031' to surface using 180 sacks of Class A cement with 4% gel and 120 sacks of Thixotropic cement with green dye. Clean out mud tank. Rig down equipment and prepare to move rig to next site.

Received

AUG - 9 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

08/23/2013

WELL NAME NESTOR #1
API NUMBER 47-091-0800
92043

WELL BORE CONDITIONS

TUBING 1 1/2 " at 5100 FT.

PACKER at _____ FT.

CEMENT TOP at 2534 CH FT.

PLUG at _____ FT.

PERFORATIONS:

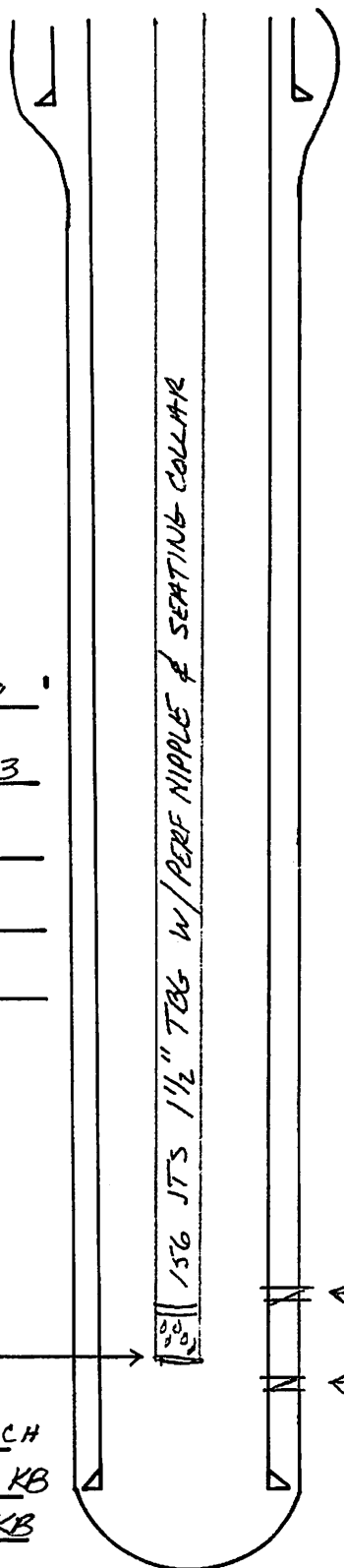
13 HOLES FROM 5116 ' TO 5119 '

13 " " 4150 " 4153

_____ " " _____ " _____

_____ " " _____ " _____

_____ " " _____ " _____



SURFACE CASING

8 5/8 " at 991 KB FT.
240 SKS

ZONES STIMULATED STAGE

2
ELK
RILEY

POTENTIAL ZONES

1 1/2 " TBG SET @ 5100 '

CASED HOLE TD 5226 CH
LOGGERS TD 5305 KB
DRILLERS TD 5310 KB

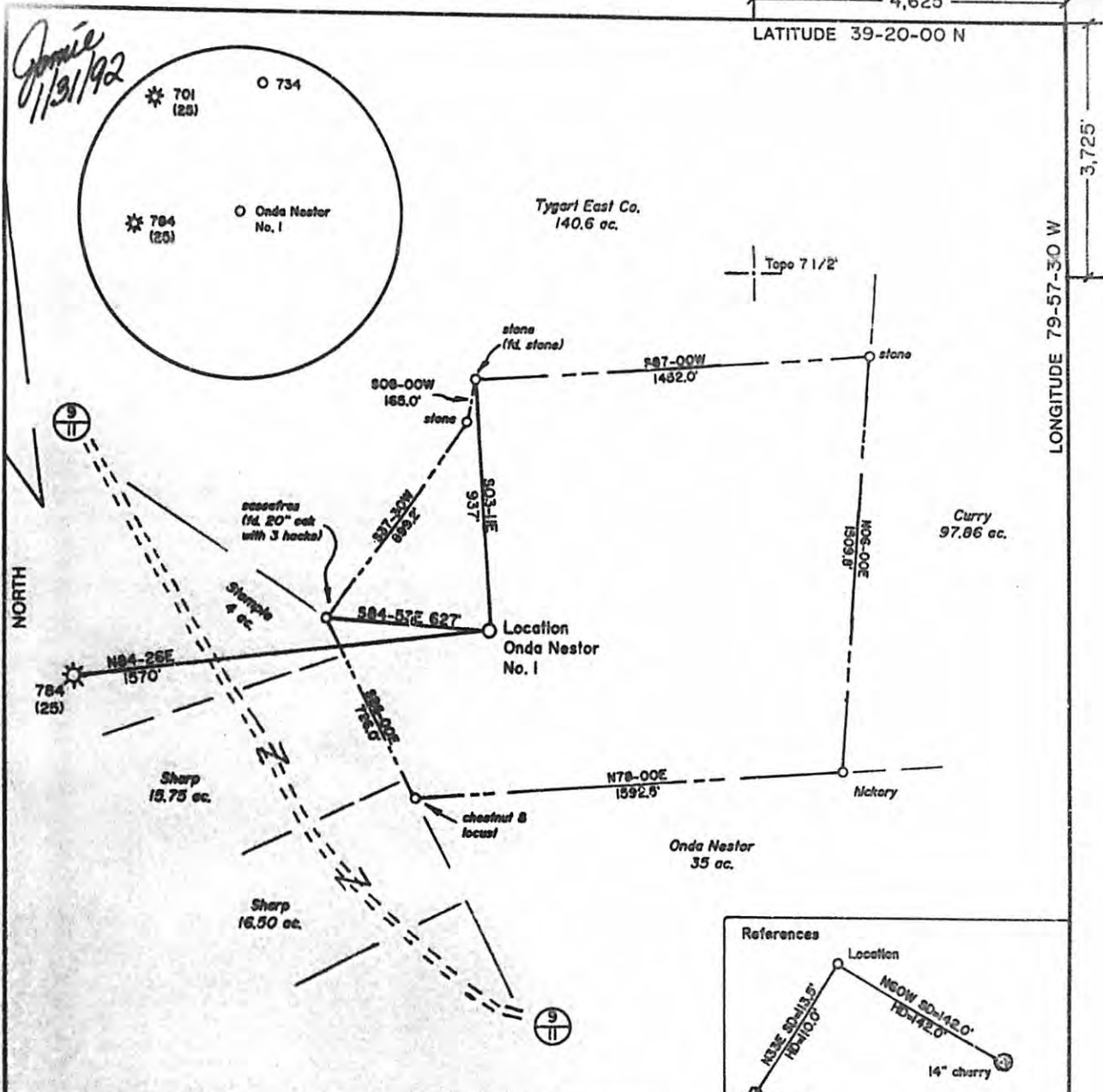
NO SCALE

← 13 HOLES @ 4150-53 RILEY
← 13 HOLES @ 5116'-19' ELK

PRODUCTION CASING
10.5-4 1/2 " at 5245 FT.
395 SKS 23 BBLs

Received

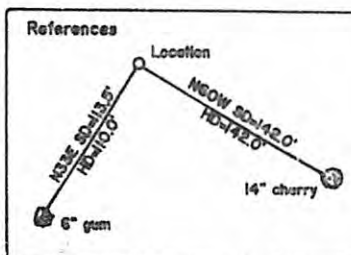
AUG -9 2013



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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road Int. 2900' NW of location; Elev. 1223

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 ENERGY.
 (SIGNED) [Signature]
 R.P.E. _____ I.L.S. 791



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS

DATE January 28, 19 92
 OPERATOR'S WELL NO. Onda Nestor No. 1
 API WELL NO. 47-091-0800

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

LOCATION: ELEVATION 1510 WATER SHED Three Fork Creek
 DISTRICT Knottsville COUNTY Taylor
 QUADRANGLE Thornton 7 1/2'

SURFACE OWNER Onda Nestor ACREAGE 61.0
 OIL & GAS ROYALTY OWNER Onda Nestor LEASE ACREAGE 61.0
 LEASE NO. 442900

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (WELL DEPTH, ETC.)

FORM WW-6

COUNTY NAME TAY

08/23/2013



Latitude: 39-19-23 N
 Longitude: 79-58-29 W
 Nearest Town: 5,000' SE to Knottsville
 Nearest Watercourse: 400' North to unnamed drain of Three Fork Creek

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road Int. 2900' NW of location; Elev. 1223

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 ENERGY.
 (SIGNED) W. A. Adams
 R.P.E. _____ L.L.S. 791

PLACE SEAL HERE

FORM WW-5
 048227

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS		DATE <u>January 28, 1992</u> OPERATOR'S WELL NO. <u>Onda Nestor No. 1</u> API WELL NO. _____	
WELL TYPE: OIL _____ GAS <u>X</u> LIQUID INJECTION _____ WASTE DISPOSAL _____ (IF "GAS,") PRODUCTION <u>X</u> STORAGE _____ DEEP _____ SHALLOW <u>X</u>		STATE <u>47</u> COUNTY <u>091</u> PERMIT <u>0800</u>	
LOCATION: ELEVATION <u>1510</u> WATER SHED <u>Three Fork Creek</u> DISTRICT <u>Knottsville</u> COUNTY <u>Taylor</u>		COUNTY NAME	
QUADRANGLE <u>Thornton 7 1/2'</u>			
SURFACE OWNER <u>Onda Nestor</u> ACREAGE <u>610</u> OIL & GAS ROYALTY OWNER <u>Onda Nestor</u> LEASE ACREAGE <u>610</u>		PERMIT	
LEASE NO. <u>442900</u>			
PROPOSED WORK: DRILL <u>X</u> 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 <u>Benson</u> ESTIMATED DEPTH <u>5000</u>		DESIGNATED AGENT <u>Eric R. Stearns</u>	
WELL OPERATOR <u>Petroleum Development Corp.</u> ADDRESS <u>P.O. Box 26, Bridgeport, WV 26330</u>		ADDRESS <u>P.O. Box 26, Bridgeport, WV 26330</u>	

1) Date: July 24, 2013
2) Operator's Well Number
Onda Nestor No. 1
3) API Well No.: 47 - 91 - 00800

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>ICG Tygart Valley, LLC</u> ✓	Name <u>CoalQuest Development, LLC</u> ✓
Address <u>2708 Cranberry Square</u>	Address <u>2708 Cranberry Square</u>
<u>Morgantown, West Virginia 26508</u>	<u>Morgantown, West Virginia 26508</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector _____	(c) Coal Lessee with Declaration
Address _____	Name _____
	Address _____
Telephone _____	

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.

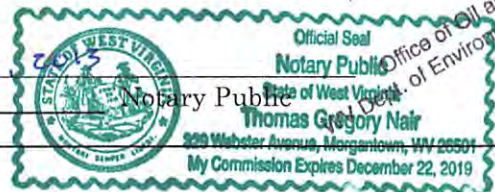
Well Operator ICG Tygart Valley, LLC
 By: Charles E. Duckworth
 Its: Designated Agent
 Address 2708 Cranberry Square
Morgantown, West Virginia 26508
 Telephone (304) 594-1616

Received

AUG - 9 2013

Subscribed and sworn before me this 24 day of July, 2013

My Commission Expires December 22, 2019



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.

08/23/2013

POWER OF ATTORNEY
ICG TYGART VALLEY, LLC
TO
GREG NAIR

Dated: January 1, 2013

Expires: December 31, 2013


KNOW ALL MEN BY THESE PRESENTS: That ICG Tygart Valley, LLC, a limited liability company organized and existing under the laws of the State of Delaware (the "Company"), acting by and through James E. Florczak, its duly authorized Vice President and Treasurer, has and does hereby appoint Greg Nair its true and lawful Attorney-in-Fact with power and authority, for and on behalf, and in the name of the Company, during the period specified above, and subject to the restrictions and limitations set forth in this Power of Attorney to execute and deliver in the ordinary and regular course of the Company's business, applications for mining, environmental, safety and health permits, permit transfers, or permit bond releases or bond adjustments, amendments, supplements or modifications to such permits, certificates or other instruments directly related to such amendments, supplements or modifications, monthly production reports, air quality, water quality or other environmental reports, quarterly discharge monitoring reports and any other like or similar reports required to be filed with any local, state or federal governmental agency.


The Attorney herein appointed shall be authorized to act pursuant to this Power from the date hereof only so long as such Attorney shall remain an employee of Arch Coal, Inc. or any subsidiary thereof, or until December 31, 2013, or until such earlier time as this instrument has been revoked, annulled, rescinded or set aside by an instrument of revocation filed with the Secretary of the Company, whichever first occurs.

IN WITNESS WHEREOF, the Company has caused this Power of Attorney to be executed on its behalf, and its seal to be hereunto affixed and attested as of the day and year first above written, by the undersigned, James E. Florczak, duly authorized Vice President and Treasurer of the Company, and Jolene J. Mermis, duly elected Assistant Secretary of the Company.

Attest:

ICG TYGART VALLEY, LLC


Jolene J. Mermis
Assistant Secretary of the Company


James E. Florczak
Vice President and Treasurer

Received
AUG - 9 2013
Office of Oil and Gas
WV Dept. of Environmental Protection

08/23/2013

SURFACE OWNER WAIVER

Operator's Well
Number

Onda Nestor No. 1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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 **FIVE (5) 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.

VOLUNTARY STATEMENT OF NO OBJECTION

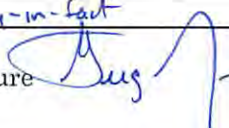
I hereby state that I have read the instructions to surface owners and that I have received copies of a Permit Application and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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.

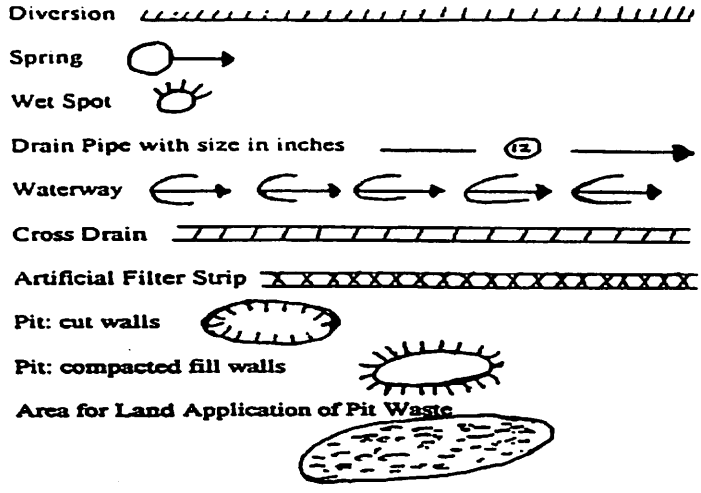
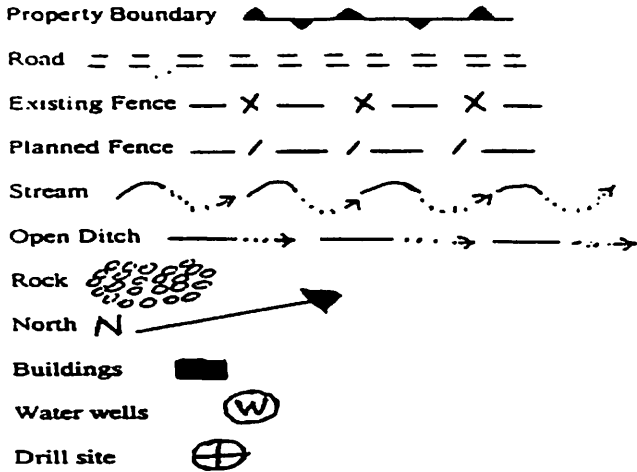
FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

Received
AUG - 9 2013
Office of Oil and Gas
Dept. of Environmental Protection

_____	Date _____	Name ICG Tygart Valley, LLC	
Signature		By Greg Nair	
		Its <u>Attorney-in-fact</u>	Date <u>8/24/13</u>
		Signature 	Date <u>08/23/2013</u>

LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1.00 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

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

Mulch Hay Bales Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	12	Orchard Grass	12
Landino Clover	3	Landino Clover	3
Timothy	10	Timothy	10

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

Photocopied section of involved 7.5' topographic sheet.
See attached

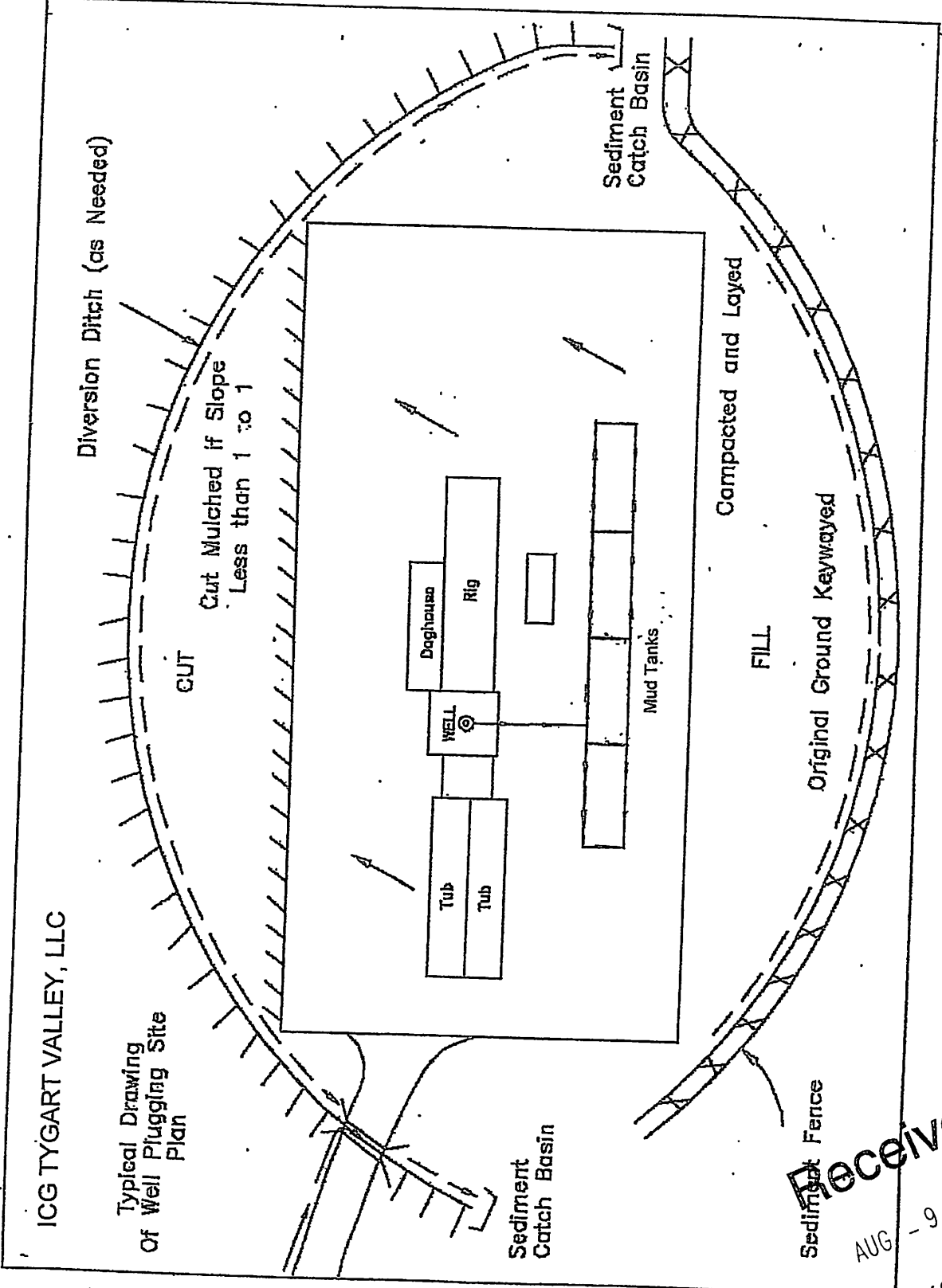
Plan Approved by: Bryan Harris

Comments: _____

Title: Oil & Gas Inspector Date: 8-5-13

Field Reviewed? Yes No

Received
AUG - 9 2013
Office of Oil and Gas
WV Dept. of Environmental Protection



ICG TYGART VALLEY, LLC

Typical Drawing
Of Well Plugging Site
Plan

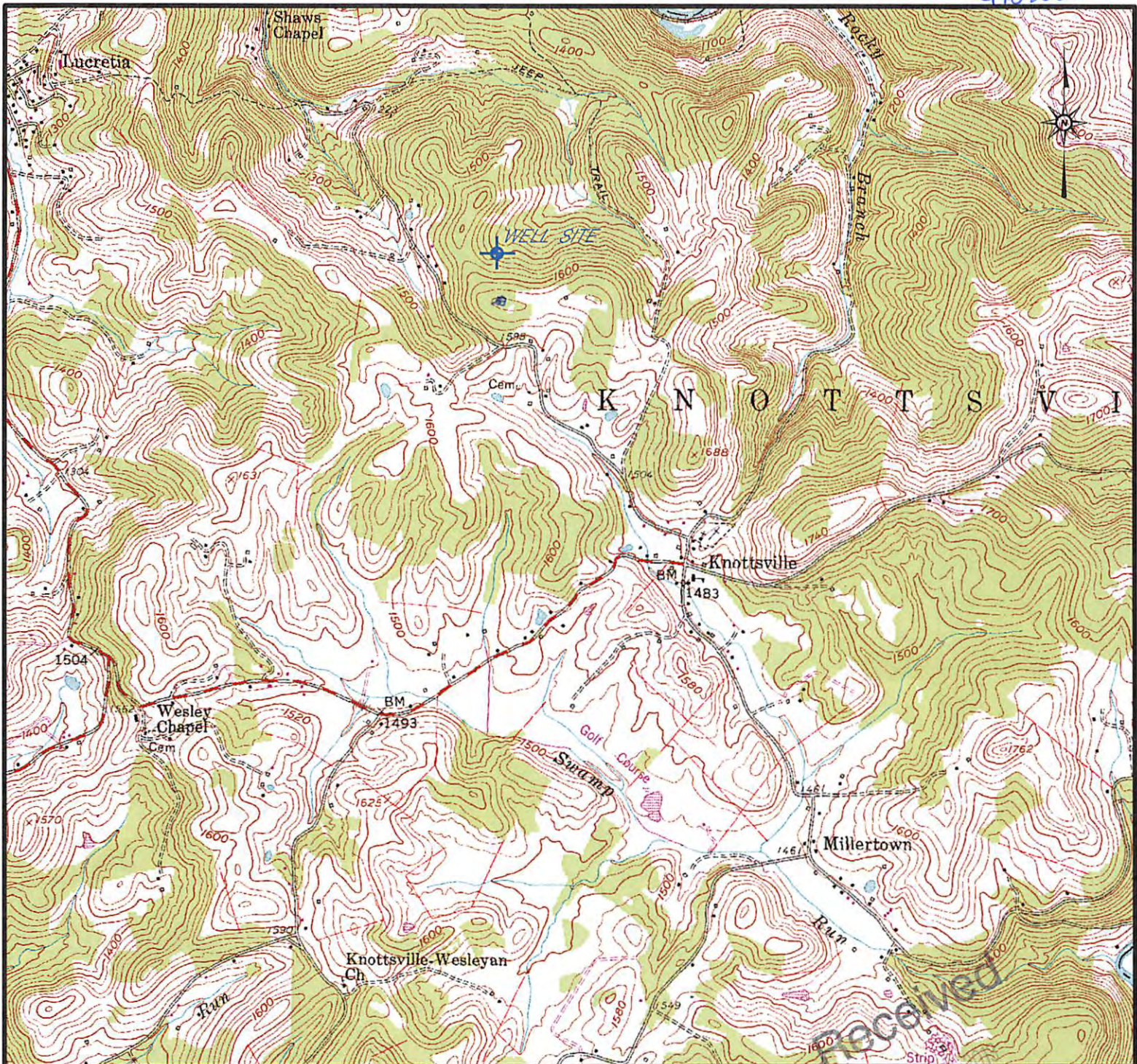
Sediment
Catch Basin

Sediment Fence
Received
AUG - 9 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

08/23/2013

9108004



LATITUDE: 39-19-23 N
 LONGITUDE: 79-58-29 W
 NEAREST WATERCOURSE: 400' North of unnamed drain of Three Fork Creek
 NEAREST TOWN: 5000' SE to Knottsville

OPERATOR'S WELL NO. Onda Nestor No. 1
 API WELL NO.
47 - 091 - 00800
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1510 WATERSHED Three Fork Creek
 DISTRICT Knottsville COUNTY Taylor
 QUADRANGLE Thornton 7 1/2'
 SURFACE OWNER: Onda Nestor ACREAGE 61.00
 OIL & GAS ROYALTY OWNER Onda Nestor LEASE ACREAGE 61.00
 LEASE NO. 442900
 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 Benson ESTIMATED DEPTH 5000'
 WELL OPERATOR ICG Tygart Valley, LLC DESIGNATED AGENT Charles E. Duckworth
 ADDRESS 2708 Cranberry Square, Morgantown, WV 26508 ADDRESS 1200 Tygart Drive, Grafton, WV 26508

Received
 AUG - 9 2013
 WV Department of Environmental Protection

REVISED BY:	DATE:	API WELL NO. 47-091-00800	
		Onda Nestor No. 1	
		ICG TYGART VALLEY, LLC	
		DRAWN BY: <u>Jerry A. Hill</u>	SCALE: <u>1" = 2000'</u>
		DIRECTORY <u>DWG/TYG/VG #1</u>	DATE ORIGINATED: <u>JUNE, 2013</u>
		DRAWING NO.: <u>47-091-0087</u>	<u>Strip #2.051</u>
			PLOTTING SCALES



Appalachia - Northern Region
 2708 Cranberry Square, Morgantown, WV 26508
 Phone: 304-594-1616 Fax: 304-594-1650

08/23/2013

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

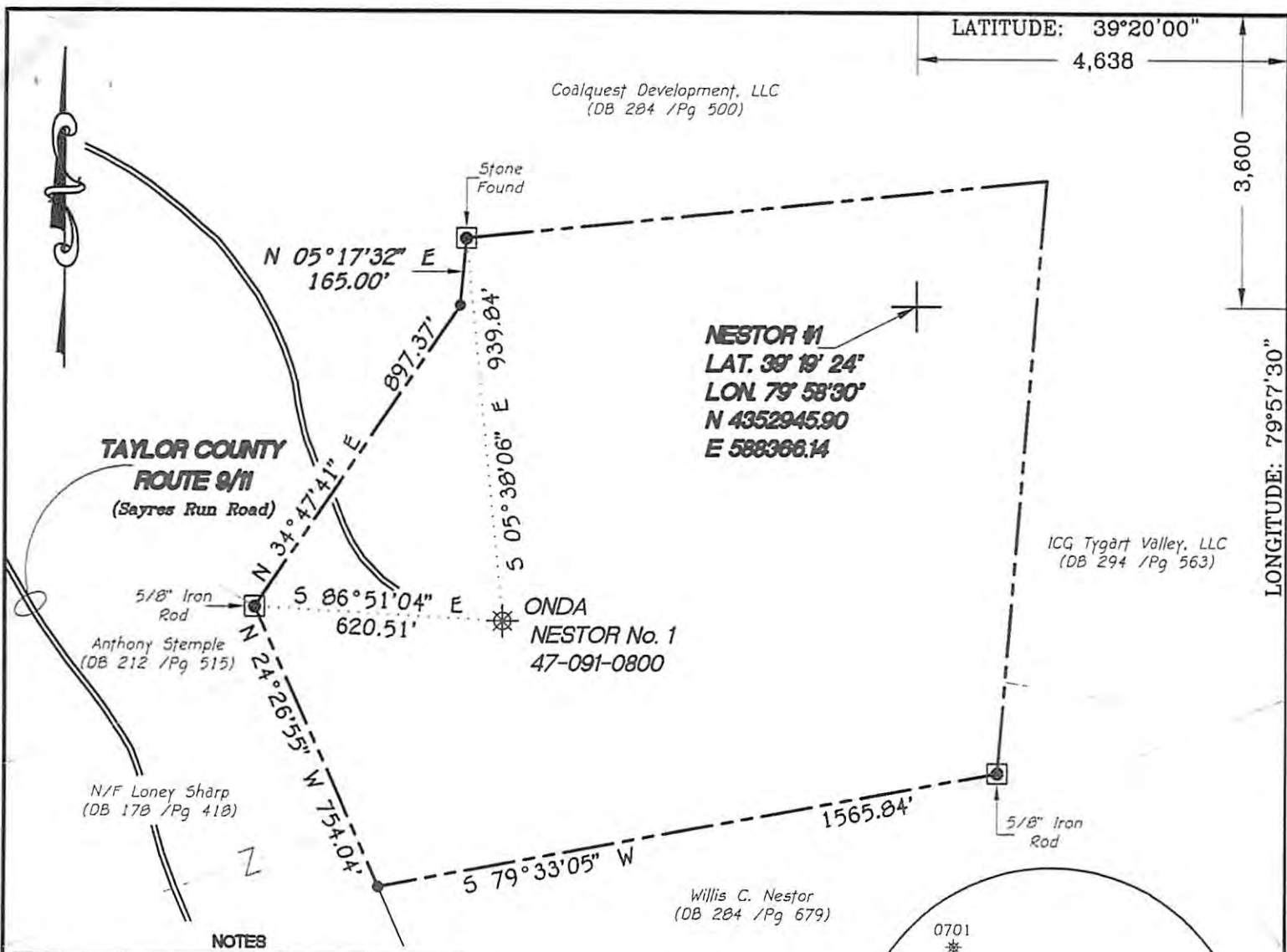
API: 47-91-00800 WELL NO.: Onda Nestor No. 1
FARM NAME: Nestor Farm
RESPONSIBLE PARTY NAME: ICG Tygart Valley, LLC
COUNTY: Taylor DISTRICT: Knottsville
QUADRANGLE: Thornton
SURFACE OWNER: ICG Tygart Valley, LLC
ROYALTY OWNER: ICG Tygart Valley, LLC
UTM GPS NORTHING: 4353152
UTM GPS EASTING: 588390 GPS ELEVATION: 1,519

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS : Post Processed Differential _____
Real-Time Differential _____
Mapping Grade GPS _____ : Post Processed Differential _____
Real-Time Differential _____

Received
AUG 13 2013
Office of Oil and Gas
WV Dept. of Environmental Protection

4. **Letter size copy of the topography map showing the well location.**
I the undersigned, hereby certify this data 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 Office of Oil and Gas.
Signature [Signature] Attorney-in-fact _____ Date August 13, 2013
Title _____



NOTES

Bearings shown hereon are based on "GRID NORTH" of the West Virginia State Plane Coordinate System (NAD 27) North Zone.

Tract Boundary shown hereon were taken from the following deed: Deed Book 294 at Page 80.

Survey grade GPS surveying methods were employed during the course of this survey using a TPSGR5 (GR-5 antenna).

Horizontal positions shown hereon are relative to NAD 83, Zone 17 North, UTM Coordinate System with units indicated in Meters.

Elevations indicated hereon are heights based relative to the National Geodetic Vertical Datum of 1929 (NGVD 29) with units indicated in Meters.

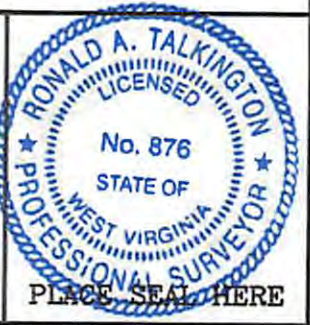
ICG Tygart Valley, LLC
Surface Owner
ICG Tygart Valley, LLC
Coal Operator
ICG Tygart Valley, LLC
Oil & Gas Royalty Owner

TRIAD ENGINEERING, INC.
MORGANTOWN, WV

FILE#: _____
DRAWING#: 1
SCALE: 1" = 400'
MINIMUM DEGREE OF ACCURACY: 3.05 Meters
PROVEN SOURCE OF ELEVATION: GPS Survey

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 DIVISION OF ENVIRONMENTAL PROTECTION.

Signed: *Ronald A. Talkington*
R.P.E. _____ L.L.S. 876



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL AND GAS
601 57TH STREET
CHARLESTON, EV 25304



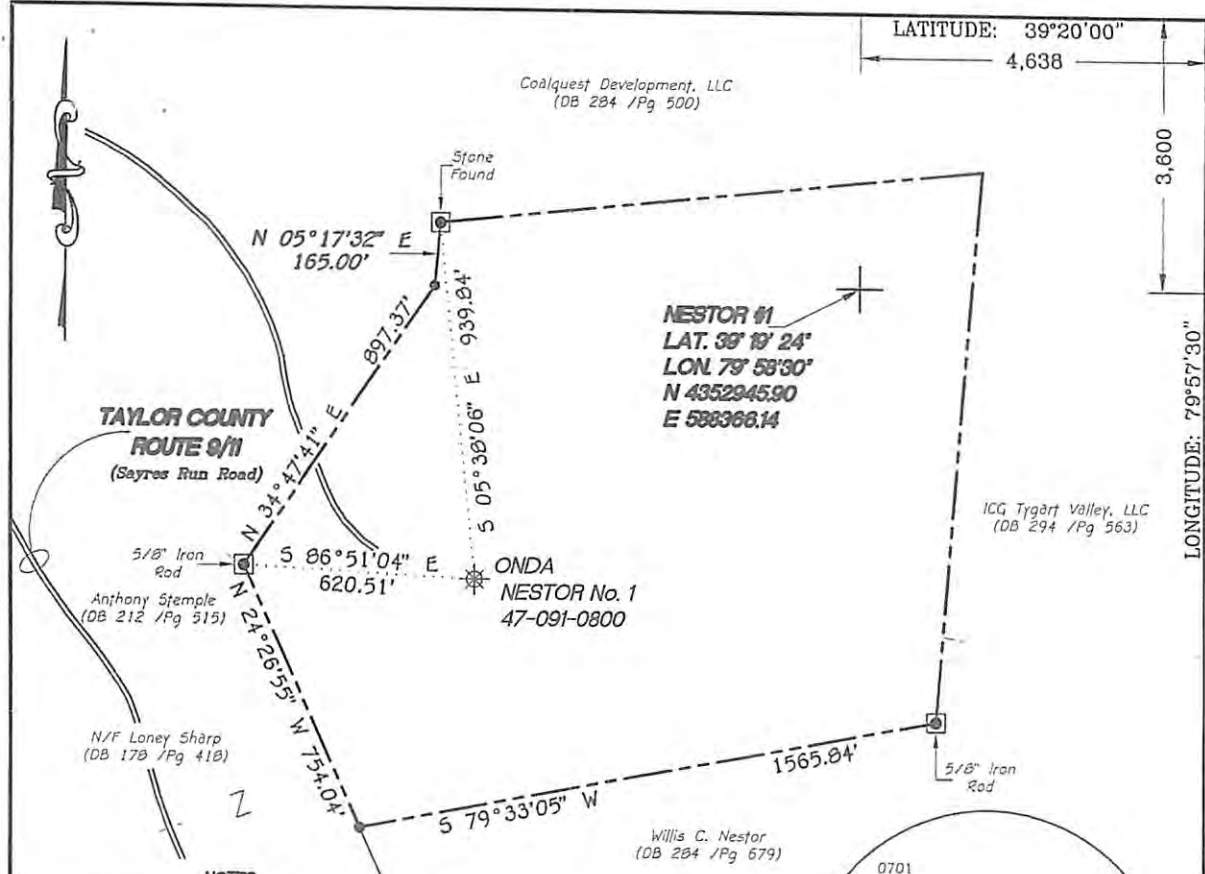
DATE July 25, 20 13
OPERATOR'S WELL No. Onda Nestor No.1
API WELL No. _____
WV 091 0800
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATER SHED: Three Fork Creek ELEVATION: 463.13m
COUNTY/DISTRICT: Knottsville District / Taylor County QUADRANGLE: Thornburg 7.5
SURFACE OWNER: ICG Tygart Valley, LLC ACREAGE: 57.34
OIL & GAS ROYALTY OWNER: ICG Tygart Valley, LLC ACREAGE: 57.34

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: _____ ESTIMATED DEPTH: _____
WELL OPERATOR ICG Tygart Valley, LLC DESIGNATED AGENT Charles E. Duckworth
Address 2708 Cranberry Square Address 2708 Cranberry Square
City Morgantown State WV Zip Code 26508 City Morgantown State WV Zip Code 26508



NOTES

Bearings shown hereon are based on "Q210 NORTH" of the West Virginia State Plane Coordinate System (NAD 27) North Zone.

Tract Boundary shown hereon were taken from the following deed: Deed Book 294 at Page 80.

Survey grade GPS surveying methods were employed during the course of this survey using a TP5Q25 (QR-5 antenna).

Horizontal positions shown hereon are relative to NAD 83, Zone 17 North, UTM Coordinate System with units indicated in Meters.

Elevations indicated hereon are heights based relative to the National Geodetic Vertical Datum of 1929 (NGVD 29) with units indicated in Meters.

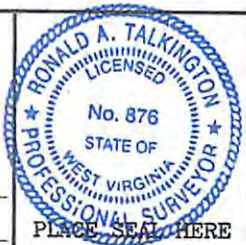
TRIAD ENGINEERING, INC.
MORGANTOWN, WV

ICG Tygart Valley, LLC
Surface Owner
ICG Tygart Valley, LLC
Coal Operator
ICG Tygart Valley, LLC
Oil & Gas Royalty Owner

FILE#: _____
DRAWING#: 1
SCALE: 1" = 400'
MINIMUM DEGREE OF ACCURACY: 3.05 Meters
PROVEN SOURCE OF ELEVATION: GPS Survey

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 DIVISION OF ENVIRONMENTAL PROTECTION.

Signed: *Ronald A. Talkington*
R.P.E. _____ L.L.S. 876



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

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



DATE July 25, 20 13
OPERATOR'S WELL No. ONDA Nestor No.1
API WELL No. _____
WV - 091 - 0800
STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATER SHED: Three Fork Creek ELEVATION: 463.13m
COUNTY/DISTRICT: Knottsville District / Taylor County QUADRANGLE: Thornton 7.5'
SURFACE OWNER: ICG Tygart Valley, LLC ACREAGE: 57.34
OIL & GAS ROYALTY OWNER: ICG Tygart Valley, LLC ACREAGE: 57.34

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: _____ ESTIMATED DEPTH: _____
WELL OPERATOR ICG Tygart Valley, LLC DESIGNATED AGENT Charles E. Duckworth
Address 2708 Cranberry Square Address 2708 Cranberry Square
City Morgantown State WV Zip Code 26508 City Morgantown State WV Zip Code 26508

Received
AUG - 9 2013
Office of Oil and Gas
WV Dept. of Environmental Protection

08/23/2013