



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

October 17, 2014

WELL WORK PERMIT

Vertical Well

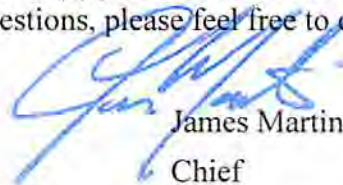
This permit, API Well Number: 47-3906370, issued to PETRO HOLDINGS, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as 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: C.B. GRAHAM NO, 20
Farm Name: CLONCH INDUSTRIES, INC.
API Well Number: 47-3906370
Permit Type: Vertical Well
Date Issued: 10/17/2014

Promoting a healthy environment.

10/17/2014

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

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

4 250

- 1) Well Operator: Petro Holdings, Inc.

307079	Kanawha	Elk	Big Chimney 7.5'
Operator ID	County	District	Quadrangle
- 2) Operator's Well Number: C.B.Graham No.20 3) Elevation: 926'
- 4) Well Type: (a) Oil X or Gas X
- (b) If Gas: Production X Underground Storage _____
 Deep _____ Shallow X
- 5) Proposed Target Formation(s): Weir Proposed Target Depth: 2,200'
- 6) Proposed Total Depth: 2,200' ft. Formation at Proposed Total Depth Weir
- 7) Approximate fresh water strata depths: 320'
- 8) Approximate salt water depths: 1,000'
- 9) Approximate coal seam depths: 430'
- 10) Approximate void depths, (coal, Karst, other): NA
- 11) Does land contain coal seams tributary to active mine? No
- 12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)
Drill and Stimulate Production Well in Weir Formation. Frac with energized cross-linked gel and 20/40 sand.

13) CASING AND TUBING PROGRAM

August Hulse
10-14

TYPE	SPECIFICATIONS		Weight Per Ft.	For Drilling	FOOTAGE INTERVALS		CEMENT
	Size	Grade			Left in Well	Fill-up (Cu. Ft.)	
Conductor							
Fresh Water	7"	LS	17#	510'	510'	Cement to Surface	<i>X40%</i>
Coal							
Intermediate							
Production	4 1/2"	J-55	10.5#	2,200'	2,200'	100 Sacks	
Tubing							
Liners							

Received

Packers: Kind _____
 Sizes _____
 Depths set _____

OCT 2 2014

1) Date: June 20, 2014
2) Operator's Well Number C.B.Graham No.20
3) API Well No: 47 - 039 -
 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 Clonch Industries, Inc.
Address P.O. Box 283
Dixie, WV 25059
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Terry Urban
Address PO Box 1207
Clendenin, WV 25045
Telephone (304) - 549-5915

5) (a) Coal Operator:
Name NA
Address _____
(b) Coal Owner(s) with Declaration
Name Joann Butler
Address 121 Stewart Run
Morgantown, WV 26505
Name _____
Address _____
(c) Coal Lessee with Declaration
Name NA
Address _____

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**
 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 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 4 on the above-named parties, by:

_____ Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

Received

OCT 2 2014

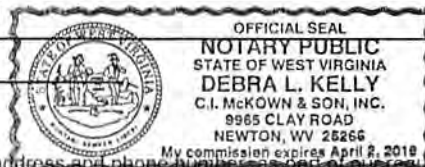
I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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 Petro Holdings, Inc.
By: Keith Crihfield Keith Crihfield
Its: President
Address P.O. Box 987
Spencer, WV 25276
Telephone (304) 927-2069

Subscribed and sworn before me this 10th day of July 2014
Debra L. Kelly
My commission expires April 2, 2019



Notary Public

7006 2150 0003 7562 4840

U.S. Postal Service™
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OFFICIAL USE

Postage	\$.48
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.48



Sent To **S.M. ANDERSON Hrs.**
 Street, Apt. No., or PO Box No. **350 MILL CREEK ROAD**
 City, State, ZIP+4 **CHARLESTON, WV 25311**

PS Form 3800, August 2006 See Reverse for Instructions

WATER WELL TESTING

7006 2150 0003 7562 4833

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OFFICIAL USE

Postage	\$ 1.40
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40



Sent To **CLONCH INDUSTRIES, INC.**
 Street, Apt. No., or PO Box No. **P.O. BOX 283**
 City, State, ZIP+4 **DIXIE, WV 25059**

PS Form 3800, August 2006 See Reverse for Instructions

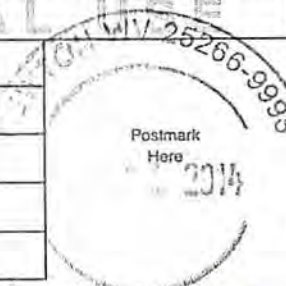
7006 2150 0003 7562 4826

U.S. Postal Service™
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OFFICIAL USE

Postage	\$ 1.40
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40



Sent To **JOANN BUTLER**
 Street, Apt. No., or PO Box No. **121 STEWART RUN**
 City, State, ZIP+4 **MORGANTOWN, WV 26505**

PS Form 3800, August 2006 See Reverse for Instructions

Received

OCT 2 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

10/17/2014

WW-2A1
(Rev. 1/11)

Operator's Well No. C.B.Graham No.20

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
C.B. & A.A. Graham	Hope Natural Gas Co.	1/8	18/451

Farmout from HG Energy, LLC dated July 29, 2013, recorded in Kananwha Co. in LB 261, PG 543
Assignment from C.I. McKown, & Son, Inc. to Petro Holdings Inc. not yet of record (See Attached).

**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
- US Fish and Wildlife Service
- County Floodplain Coordinator

Received
OCT 2 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

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: Petro Holdings, Inc.
By: *Keith Crihfield* Keith Crihfield
Its: President

AGREEMENT

This agreement made and entered into this 10th day of JULY, 2014, by and between C. I. McKOWN & SON, INC., as Lease Owner, (hereafter referred to as "McKOWN"); and PETRO HOLDINGS, INC., as Joint Venturer in the project, (hereafter referred to as "PETRO").

Whereas, by virtue of that certain Farmout dated July 29, 2013, a memorandum of which is recorded in the office of the Clerk of the County Commission of Kanawha County, West Virginia, in Lease Book No. 261 at page 543, McKown acquired the rights to drill the C.B. Graham Lease from HG Energy LLC.

WITNESSETH:

Now therefore witnesseth, that for an in consideration of the sum of one dollar, cash in hand paid, the receipt and sufficiency of which is hereby acknowledged, McKown hereby grants unto Petro the right to permit and drill the C.B. Graham #20 Well upon the C.B. Graham Lease and, should the well be productive, thereafter McKown will assign a one-half working interest in the well and one-half of ten acres uniformly surrounding same to Petro or to whomsoever Petro should so designate. Should any part of the ten acres encroach upon any portion of the lease that McKown has already assigned to a third party; has assigned to Petro or its designee; or lays in an area where McKown is not the owner, the assigned acreage will be reduced to that extent.

Given under my hand, this 10th day of JULY, 2014.

C. I. McKOWN & SON, INC.,

BY: 

C. I. McKOWN, II

ITS: PRESIDENT

PETRO HOLDINGS, INC.

BY: 

KEITH CRIEIFIELD

ITS: PRESIDENT

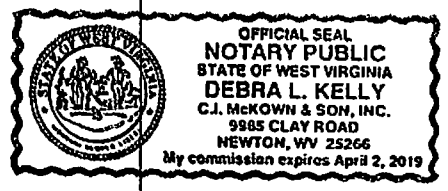
Received

OCT 2 2014

STATE OF WEST VIRGINIA,
COUNTY OF ROANE, TO-WIT:

The forgoing instrument was acknowledged before me this 10th day of July, 2014, by C. I. McKown, II, President of C. I. McKown & Son, Inc., a West Virginia Corporation, on behalf of said corporation.
My commission expires: April 2, 2019

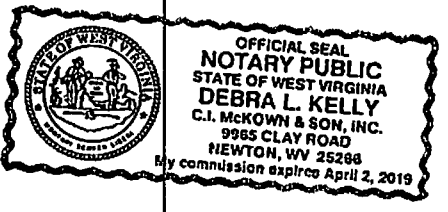
Debra L. Kelly
NOTARY PUBLIC



STATE OF WEST VIRGINIA,
COUNTY OF ROANE, TO-WIT:

The forgoing instrument was acknowledged before me this 10th day of July, 2014, by Keith Carihfield, President of Petro Holdings, Inc., a West Virginia Corporation, on behalf of said corporation.
My commission expires: April 2, 2019

Debra L. Kelly
NOTARY PUBLIC



THIS INSTRUMENT PREPARED BY:
C. I. McKOWN, II
P.O. BOX 711
NEWTON, WV 25266

Received

OCT 2 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

10/17/2014

WW-2B1
(5-12)

C.B.Graham No.20

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.

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

Listed below is the laboratory chosen by the operator to perform analysis, and contractor chosen to collect sample.

Certified Laboratory Name Sturm Environmental Services
Sampling Contractor Sturm Environmental Services

Well Operator Petro Holdings, Inc.
Address P.O. Box 987
Spencer, WV 25276
Telephone (304) 927-2069

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, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

S.M. Anderson Hrs.
350 Mill Creek Rd.
Charleston, WV 25311

Received

OCT 2 2014

SEE PLAT FOR SPOT OF WATER WELL.

Office of Oil and Gas
WV Dept. of Environmental Protection

10/17/2014

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 Petro Holdings, Inc. OP Code 307079

Watershed Mill Creek Quadrangle Big Chimney 7.5'

Elevation 926' County Kanawha District Elk

Description of anticipated Pit Waste: Fluids encountered in drilling shallow 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
- Underground Injection (UIC Permit Number)
- Reuse (at API Number)
- Off Site Disposal (Supply Form WW-9 for disposal location)
- Other (Explain)

14
30 mil
9-10-14

Drilling medium anticipated for this well? Air, fresh water, oil based, etc. Air

- If oilbased, what type? Synthetic, petroleum, etc.

Additives to be used? Water, soap, KCl

Will closed loop system be used? No

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, cement, lime

- 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 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.

Office of Oil and Gas
WV Dept. of Environmental Protection

Company Official Signature *Keith Cribfield*

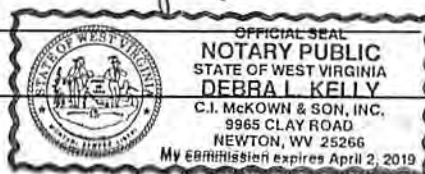
Company Official (Typed Name) Keith Cribfield

Company Official Title President

Subscribed and sworn before me this 10th day of July 2014

Debra L. Kelly

My commission expires April 2, 2019



Notary Public

Legend

Property Boundary		Diversion	
Road		Spring	
Existing Fence		Wet Spot	
Planned Fence		Drain Pipe	
Stream		Waterway	
Open Ditch		Cross Drain	
Rock		Filter Strip	
North		Pit: Cut Walls	
Buildings		Pit: Compacted Fill Walls	
Water Wells		Area of Land Application of Pit Waste	
Drill Site			

Proposed Revegetation Treatment: Acres Disturbed Area I Approx. 1.0 Ac. Prevegetation pH _____
Area II Approx. 0.6 Ac.

Lime 2 Tons/Acre or Correct to pH _____
 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	<u>40</u>	Tall Fescue	<u>40</u>
Ladino Clover	<u>5</u>	Ladino Clover	<u>5</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: _____

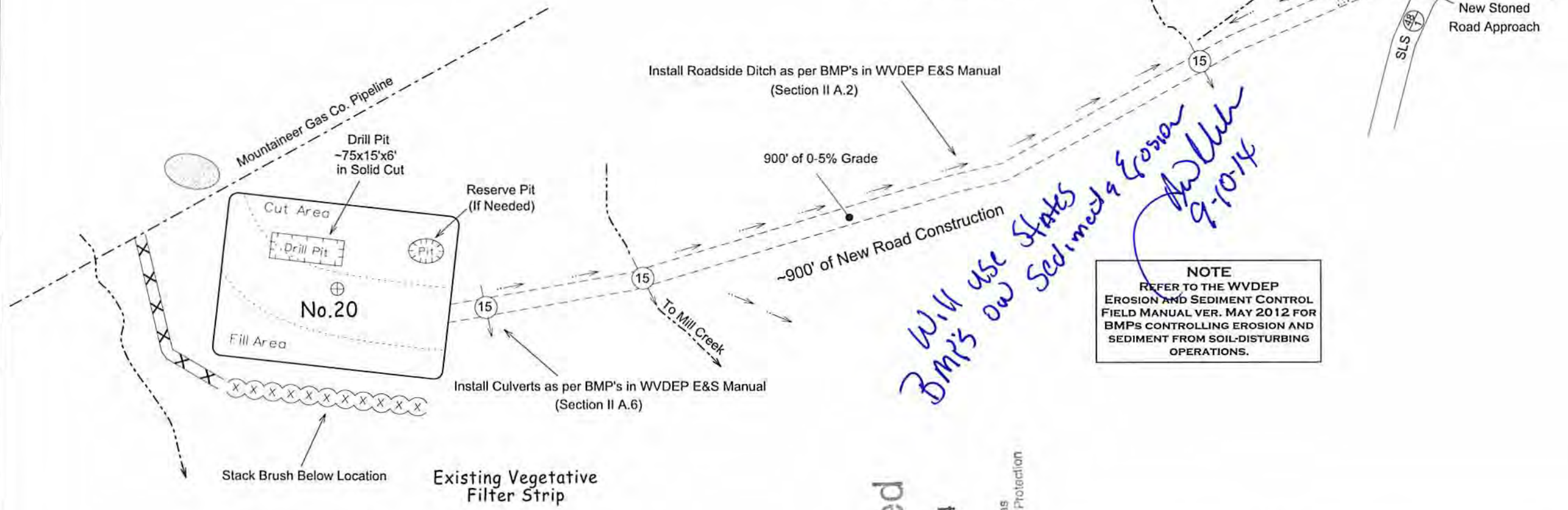
Title: Inspector Date:

Field Reviewed? Yes _____ No _____

3906370

Reclamation Plan For: C.B. Graham No.20

Clonch Industries, Inc.
- Surface Owner



NOTE:
~ 0.4 mile of Co. Road 48 will be upgraded as per agreement between operator, land owner and WV DOT to DOH specifications..

Install Roadside Ditch as per BMP's in WVDEP E&S Manual (Section II A.2)

900' of 0-5% Grade

~900' of New Road Construction

Install Culverts as per BMP's in WVDEP E&S Manual (Section II A.6)

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

*W.V. USE STATES
BMP'S OW SEDIMENT & EROSION
AW/LLH
9-10-14*

Clonch Industries, Inc.
- Surface Owner

Received

OCT 2 2014

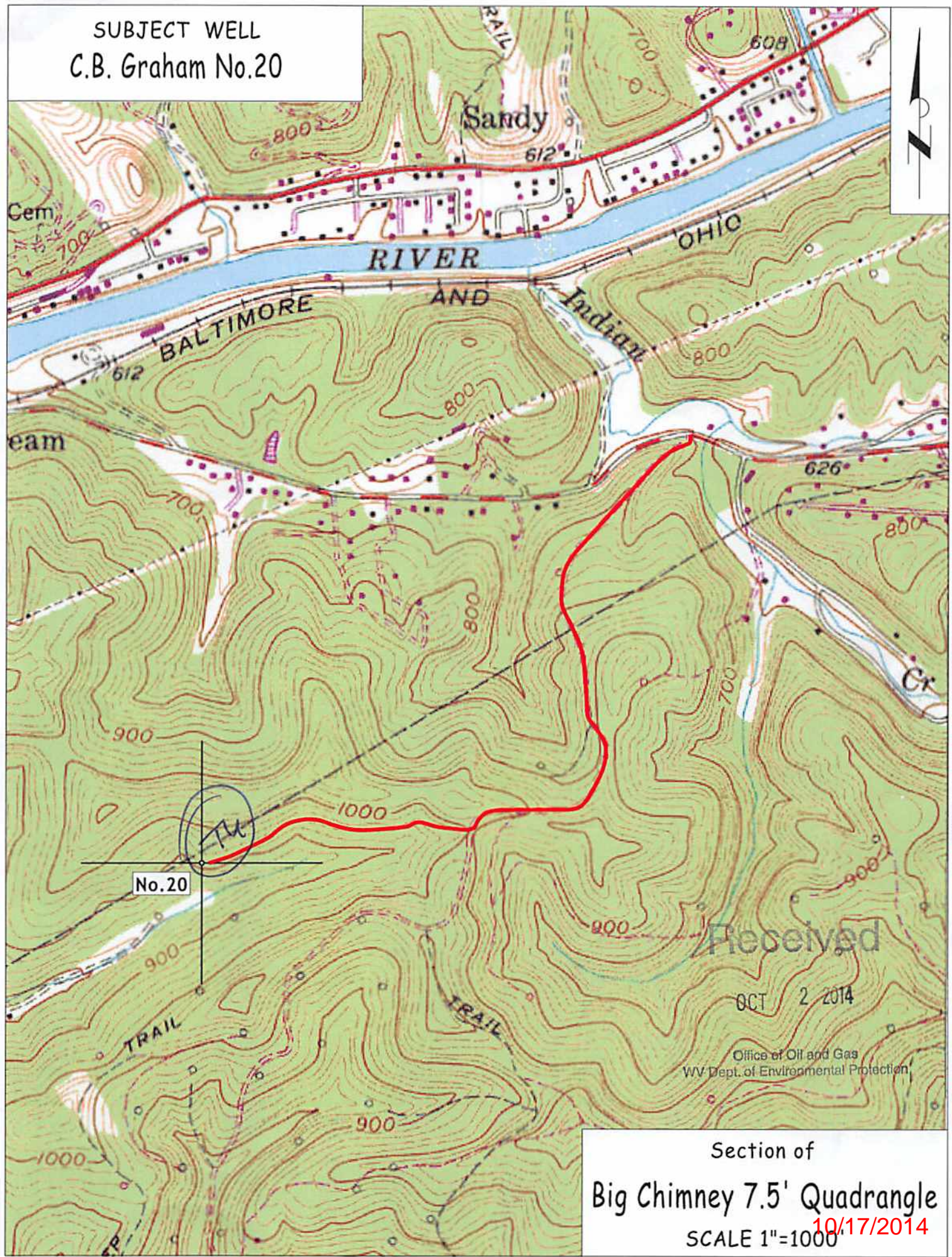
Office of Oil and Gas
WV Dept. of Environmental Protection

Notes:

- Requested permit is for drilling of new well.
- All construction will comply with BMPs as outlined in WVDEP Erosion and Sediment Control Field Manual (May 2012)
- Scalp topsoil for re-dressing location during reclamation.
- Location of drill pit may be changed based on as-built considerations.
- Maintain sediment barriers and drainage structures.
- All road grades <5% except as noted.

Note: Drawing not to Scale

SUBJECT WELL
C.B. Graham No.20



Received

OCT 2 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Section of
Big Chimney 7.5' Quadrangle
SCALE 1"=1000
10/17/2014

Longitude - 81°31' 16.6"
WGS 1984

6,140'

LATITUDE 38° 25' 00"

WELL COORDINATES

UTM (NAD 1983)
N - 4,249,611
E - 454,478

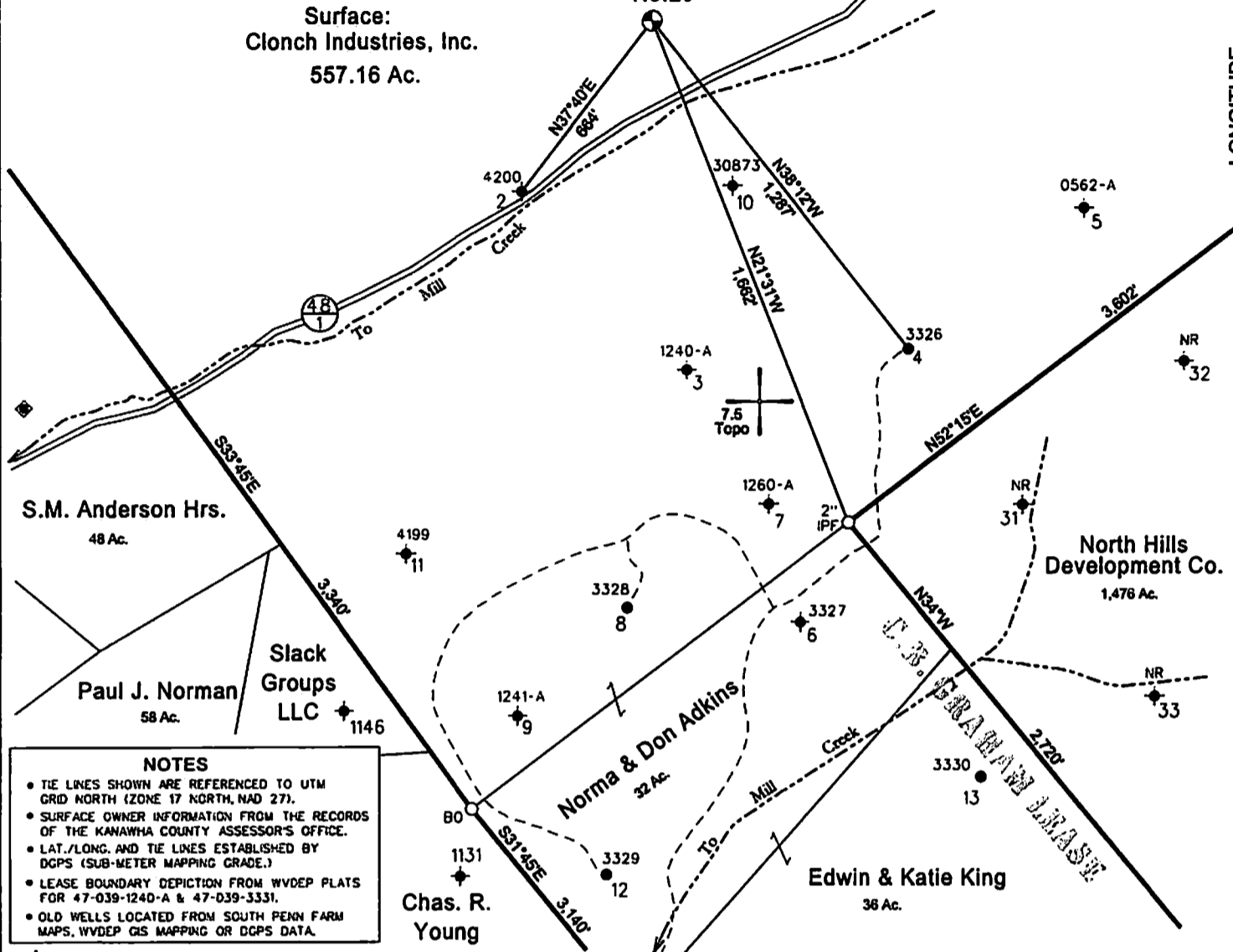
LOCATION REFERENCES

N70°W 101' Line Marker
N8°E 94' 10" White Oak

C.B. GRAHAM LEASE

Surface:
Clonch Industries, Inc.
557.16 Ac.

No.20



LONGITUDE 81° 30' 00"

8,460'

WGS 1984
Latitude - 38°23' 36.8"

S.M. Anderson Hrs.
48 Ac.

Paul J. Norman
58 Ac.

Slack
Groups
LLC
1146

Chas. R.
Young
1131

Norma & Don Adkins
32 Ac.

Edwin & Katie King
38 Ac.

North Hills
Development Co.
1,476 Ac.

NOTES

- TIE LINES SHOWN ARE REFERENCED TO UTM GRID NORTH (ZONE 17 NORTH, NAD 27).
- SURFACE OWNER INFORMATION FROM THE RECORDS OF THE KANAWHA COUNTY ASSESSOR'S OFFICE.
- LAT./LONG. AND TIE LINES ESTABLISHED BY DGPS (SUB-METER MAPPING GRADE.)
- LEASE BOUNDARY DEPICTION FROM WVDEP PLATS FOR 47-039-1240-A & 47-039-3331.
- OLD WELLS LOCATED FROM SOUTH PENN FARM MAPS, WVDEP GIS MAPPING OR DGPS DATA.

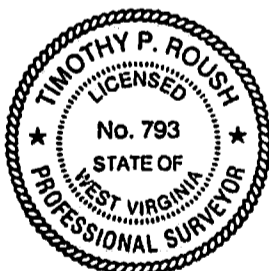
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

• DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.

FILE NO. 116-22
 DRAWING NO. 20
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY Sub-Meter
 PROVEN SOURCE OF ELEVATION DGPS 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 DEPARTMENT OF MINES.

(SIGNED) [Signature]
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25304



DATE June 16, 2014
 FARM C.B. Graham No.20
 API WELL NO. 47 - 039 - 06370

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW HORIZONTAL
 LOCATION: ELEVATION 926' WATERSHED Mill Creek
 DISTRICT Eik COUNTY Kanawha
 QUADRANGLE Big Chimney 7.5'

SURFACE OWNER Clonch Industries, Inc. ACREAGE 557.16 Ac.
 OIL & GAS ROYALTY OWNER Joann Butler LEASE ACREAGE 700 Ac. 10/17/2014
 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 Weir ESTIMATED DEPTH 2,200'
 WELL OPERATOR Petro Holdings, Inc. DESIGNATED AGENT Keith Cribfield
 ADDRESS P.O. Box 987 ADDRESS P.O. Box 987
Spencer, WV 25276 Spencer, WV 25276

FORM IV-6

CK 48363
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C.I. McKOWN & SON, INC.

Oil & Gas

P.O. Box 711

Newton, West Virginia 25266

Telephone: (304) 565-7318

Fax: (304) 565-3804

September 30, 2014

Jeff W. McLaughlin
State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
601 57th Street, East
Charleston, West Virginia 25304

RE: C. B. Graham #20

Received

OCT 2 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Dear Jeff:

Enclosed please find a permit application for a new shallow well to be drilled in Kanawha County, West Virginia, as well as the check covering the permit fee for Same.

Should you need anything further, feel free to contact me at any time.

Thank you,

Yours

C.I. McKown, II
President

CIMII/tm

Enclosures