



west virginia department of environmental protection

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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Wednesday, April 12, 2017
WELL WORK PERMIT
Vertical / Plugging

CABOT OIL & GAS CORPORATION (A)
2000 PARK LANE, SUITE 300

PITTSBURGH, PA 15275

Re: Permit approval for A-1-269
47-039-02933-00-00

This well work permit 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 any additional specific 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 of 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.

Per 35 CSR 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- 0450.

James A. Martin
Chief

Operator's Well Number: A-1-269
Farm Name: MEYERS, L. A.
U.S. WELL NUMBER: 47-039-02933-00-00
Vertical / Plugging
Date Issued: 4/12/2017

Promoting a healthy environment.

04/14/2017

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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. 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.
3. Well work activities shall not constitute a hazard to the safety of persons.

1) Date February 28, 2017
2) Operator's
Well No. L.A. Meyers A-1
3) API Well No. 47-039 - 02933

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 X

5) Location: Elevation 808.34' Watershed Reynolds Branch of the Kanawha River
District Malden County Kanawha Quadrangle Belle

6) Well Operator Cabot Oil & Gas Corporation 7) Designated Agent Phillip Hill - Cabot Oil & Gas Corporation
Address 2000 Park Lane, Ste. 300 Address 900 Lee Street East, Suite 1500
Pittsburgh, PA 15275 Charleston, WV 25301

8) Oil and Gas Inspector to be notified Name Terry Urban
Address P.O. Box 1207
Clendenin, WV 25045
9) Plugging Contractor Name Contractor Services, Inc.
Address 929 Charleston, Road
Spencer, WV 25276

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

RECEIVED
Office of Oil and Gas
MAR 06 2017
WV Department 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  Date 3-6-17

04/14/2017

Meyers, L.A. A-1
API # 47 – 039 - 02933
PLUGGING PROCEDURE

Current Configuration

TD @ 1719'
Elevation @ 811'
8-1/4" casing @ 450'
6-5/8" casing @ 1235'
3" tubing @ 1719'
6-5/8" x 3" packer @ 1267'
Fresh water @ unknown
Coal @ 129' – 133'
Coal @ 600' – 603'
Salt Sand @ 660' – 900'
Big Lime @ 1225' – 1425' with gas show @ 1320'
Weir @ 1635' -1719' with gas show @ 1640'

PROCEDURE

1. Contact Danville Office a minimum of 48 hours prior to starting work.
2. Contact State Inspector a minimum of 24 hours prior to starting work.
3. MIRU service rig and blow down well.
4. Lay 2" line from wellhead to tank and stake down securely.
5. MIRU service rig and blow down well to tank.
6. Unpack wellhead.
7. Attempt to un-set the 6 5/8" x 3" anchor packer @ 1267'. If successful, move on to next step. (NOTE: if packer cannot be pulled, then pending discussions & approval from DEP, an alternate procedure will be implemented to perforate the 3" tailpipe below the packer and squeeze cement into the 3" x 6 1/4" annulus and over the gas bearing sands, prior to cutting the 3" above the packer & proceeding)
8. POH with 3" tubing.
9. TIH with 2 3/8" work string to TD.
10. MIRU Cement Company and pump 9 bbls 6% Gel followed by 22 sks (4 1/2 bbls) of Class A cement for cement plug 1 from 1719' to 1600' TAG PLUG #1.
11. Displace w/ 6 bbls of 6% Gel.
12. TOOH with work string.
13. Attempt to pull 6 5/8" casing.
14. If unable to pull 6 5/8", run freepoint, cut above freepoint, and POOH.
15. TIH with 2-3/8" work string. (NOTE: if DEP inspector requests to RIH & tag plug #1 @ 1600' to confirm, this can be done at this time)
16. Set end of work string @ 1370'.
17. Pump 18 bbls 6% gel followed by 43 sks (9 bbls) of Class A cement for cement plug 2 from 1370' to 1170'. Cement must cover the 6 5/8" casing cut, if it was cut.
18. Displace w/ 4 1/2 bbls of 6% Gel.
19. Pull tubing to safely above TOC, flush tubing. WOC for a minimum of eight hours.
20. RIH w/ work string – tag TOC to confirm.
21. PU work string to 870'.
22. Pump 86 sks (18 bbls) of Class A cement for cement plug 3 from 870' to 570'.
23. Displace w/ 2 bbls of 6% Gel.
24. TOOH with work string.

RECEIVED
Office of Oil and Gas

MAR 06 2017

WV Department of
Environmental Protection

04/14/2017


3-6-17

25. Attempt to pull 8 1/4" casing.
26. If unable to pull 8 1/4", run freepoint, cut above freepoint, and POOH.
27. TIH with 2-3/8" work string to 500'.
28. Pump 24 bbls 6% gel followed by 42 sks (9 bbls) of Class A cement for cement plug 4 from 500' to 400'. Cement must cover the 8 1/4" casing cut, if it was cut.
29. Displace w/ 1 1/2 bbls of 6% Gel.
30. PU tubing to 200'.
31. Pump 112 sks (24 bbls) of Class A cement for cement plug 5 from 200' to surface.
32. TOOH with work string and lay down.
33. RDMO Cementing Company.
34. Place monument as required by law on top of well bore.
35. Reclaim well site.

RECEIVED
Office of Oil and Gas

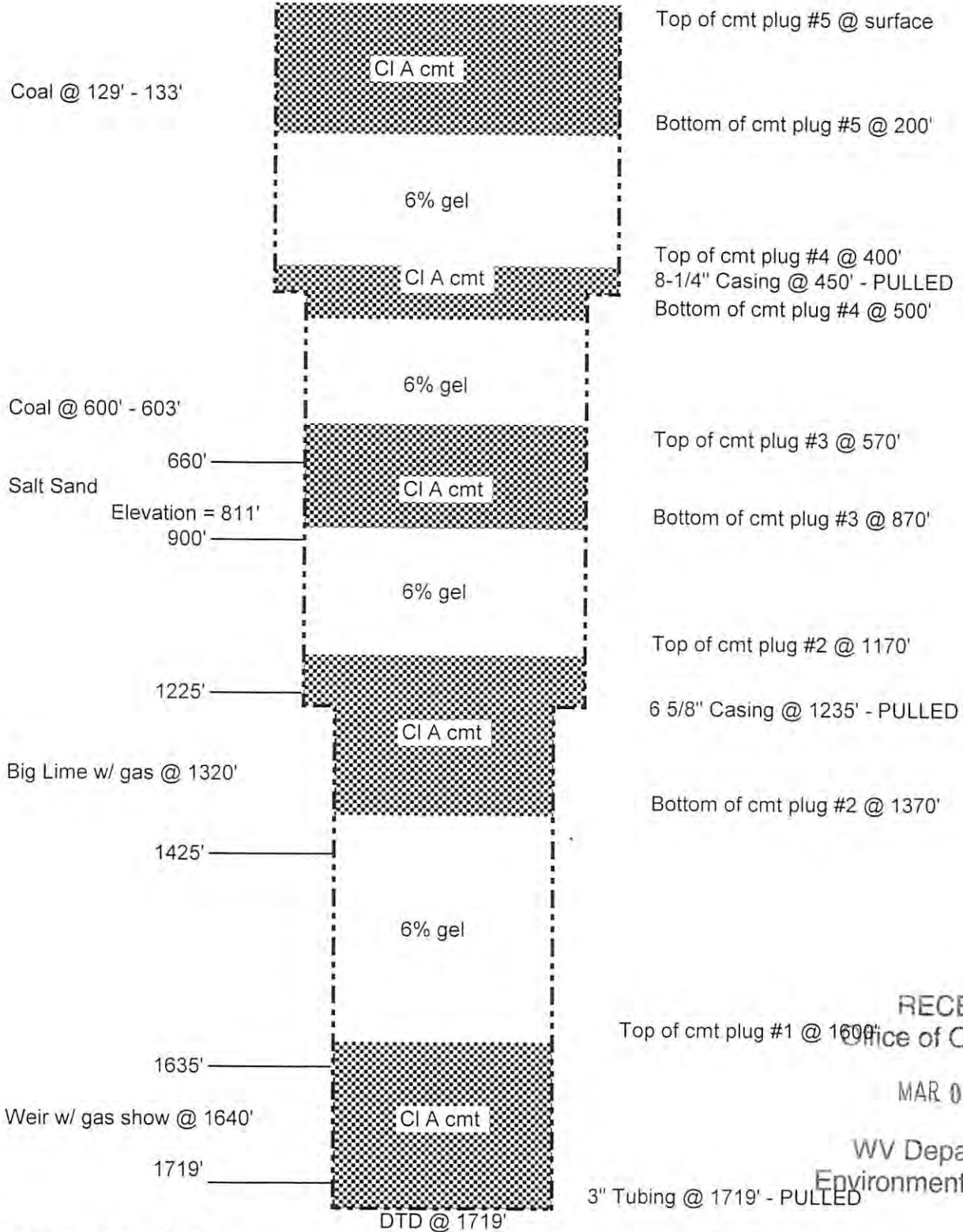
MAR 06 2017

WV Department of
Environmental Protection

04/14/2017

PROPOSED P&A CONFIGURE

Meyers, L.A. A-1
API 47-039-02933
CURRENT CONFIGURATION
Elevation - 811'



Schematic is not to scale

RECEIVED
Office of Oil and Gas
MAR 06 2017
WV Department of
Environmental Protection

J. A. Sirey 2/21/17
[Signature]
3-6-17

04/14/2017

C 31-2433 3902933P

Kan-

OWENS, LIBBEY OWENS
GAS DEPARTMENT

RECORD OF: New Drilling - Deepening - Repairing

Lease No. 370 Well No. 1 Tract L. A. Meyers
Map Square Acres 1171 District Malden County Kanawha State W. Va.
Permit No. Elevation 810.94-0" Work done by:

Serial Well No. 209

Drillers' Names:
Commenced Rigging Up August 31st, 1921 Commenced Drilling
Well Completed August 31st, 1921 Commenced Producing
Well acquired with lease in April, 1926 Completed Drilling Abandoned

CONDUCTOR, CASING AND TUBING				PACKERS Kind	Size	CLOSED IN PRESSURE		
SIZE	WEIGHT	NO. OF JOINTS	USED IN DRILLING			LEFT IN WELL	CASING HEAD	CASING
8 1/2"			450'	?	Set at 1267 ft.			
6-5/8"			1235'	1235'	Kind			1 Min.
3"			1719'	1719'	Size			2 Min.
					Set			3 Min.
					Perforations			4 Min.
								5 Min.
								10 Min.
								Hours
								Hours

Shot 19 from to with
Open flow before: MCF, 15 Min. after: MCF, hours after: MCF
Shot 19 from to with
Open flow before: MCF, 15 Min. after: MCF, hours after: MCF
Acid or other treatment:

OIL WELL Initial test: barrels per flowing. barrels per pumping
GAS WELL Open flow: Total 625 MCF

FORMATION	COLOR	HARDNESS	TOP	BOTTOM	THICKNESS	DRILLERS' RECORD	
						Peytona 3-1	L-137
Surface			0	5	5		
Slate			5	25	20		
Sand			25	129	104		
Coal			129	133	4		
Slate			133	160	27		
Sand			160	200	40		
Lime Shell			200	225	25		
Sand			225	600	375		
Coal			600	603	3		
Slate & Shell			603	660	57		
Salt Sand			660	900	240		
Red Rock			900	904	4		
Lime Shell			904	1044	140		
Red Rock			1044	1047	3		
Slate Shell			1047	1150	103		
Maxon Lime			1150	1180	30		
Little Lime			1180	1208	28		
Pencil			1208	1215	7		
Slate			1215	1225	10		
Big Lime			1225	1425	200		Gas at 1320'
Sand			1425	1460	35		
Slate & Shells (Unrecorded)			1460	1635	175		
Weir Sand			1635	1719	84		Gas at 1640'
Total Depth				1719			

RECEIVED

NOV - 1 1977

OIL & GAS DIVISION
DEPT. OF MINES

TH 316.7

(10/10 W. 2" - 625 M)
U.F.G.Co.

Record obtained from L. A. Meyers.
Tubing estimated. (See note on p. 2)
Office of Oil and Gas

MAR 06 2017

WV Department of
Environmental Protection

04/14/2017

3902933P

WW-4A
Revised 6-07

1) Date: February 28, 2017

2) Operator's Well Number
L.A. Meyers A-1

3) API Well No.: 47 - 039 - 02933

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>Girlonza N. Scott & John Hilton Tincher</u>	Name <u>See attached sheet</u>
Address <u>775 N. Jefferson Street</u> <u>Lewisburg, WV 24901</u>	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Girlonza N. Scott & John Hilton Tincher</u>
(c) Name _____	Address <u>775 N. Jefferson Street</u> <u>Lewisburg, WV 24901</u>
Address _____	Name _____
Address _____	Address _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name <u>None of Record</u>
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</u>	Address _____

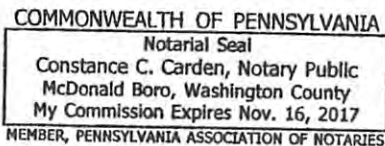
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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 Cabot Oil & Gas Corporation
 By: Kenneth L. Marcum *Kenneth L. Marcum*
 Its: Regulatory Supervisor
 Address 2000 Park Lane, Ste. 300
Pittsburgh, PA 15275
 Telephone 412-249-3850



Subscribed and sworn before me this 28th day of February 2017
Constance C. Carden Notary Public
 My Commission Expires November 17, 2017

RECEIVED
Office of Oil and Gas

MAR 10 2017

WV Department of
Environmental Protection

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 depprivacyofficer@wv.gov.

04/14/2017

SURFACE OWNER WAIVER

39 029330

Operator's Well
Number

L.A. Meyers A-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 Notice 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.

RECEIVED
FOR EXECUTION BY A CORPORATION,
Office of Oil and Gas

Signature

Date

Name

By

Its

Date

Signature

Date

MAR 10 2017

WV Department of
Environmental Protection

04/14/2017

API No.	47-039-02933 P
Farm Name	L.A. Meyers
Well No.	A-1

**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 ____/ 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: _____

By: _____

Its _____

RECEIVED
Office of Oil and Gas
MAR 10 2017
WV Department of
Environmental Protection
04/14/2017

29 029 33P

**COAL OPERATOR(S)
L.A. MEYERS A-1
47-039-02933**

**Administrative Services, Inc.
1719 Pleasant Valley Road
Given, WV 25245**

**Revelation Energy, LLC
1051 Main Street
Milton, WV 25541**



**Pritchard Mining Co., Inc.
P.O. Box 3311
Charleston, WV 25333**

**WWMV, LLC
315 70th Street, SE
Charleston, WV 25304**

RECEIVED
Office of Oil and Gas
MAR 10 2017
WV Department of
Environmental Protection

04/14/2017

39 02933A

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®
9214 8969 0099 9790 1302 6057 30

For delivery information, visit our website at www.usps.com®
9214 8969 0099 9790 1302 6057 23

Certified Mail Fee	\$3.35
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$1.45
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$1.610
Total Postage and Fees	\$6.410

Electronic Return Receipt Requested

Postmark Here
FEB 28 2017

USPS

Code: LA Meyers A-1 Panda

Sent To
Administrative Services Inc.
1719 Pleasant Valley Road
Given, WV 25245

Street, Apt. No., or PO Box No.
City, State, Zip+4
2/28/2017 8:05:26 AM

PS Form 3800, April 2015 See Reverse for Instructions

Certified Mail Fee	\$3.35
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$1.45
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.610
Total Postage and Fees	\$6.410

Electronic Return Receipt Requested

Postmark Here
FEB 28 2017

USPS

Code: LA Meyers A-1 Panda

Sent To
Girlonza N. Scott and John Hilton Tincher
775 N. Jefferson St.
Lewisburgh, WV 24901

Street, Apt. No., or PO Box No.
City, State, Zip+4
2/28/2017 8:05:26 AM

PS Form 3800, April 2015 See Reverse for Instructions

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®
9214 8969 0099 9790 1302 6057 54

For delivery information, visit our website at www.usps.com®
9214 8969 0099 9790 1302 6057 47

Certified Mail Fee	\$3.35
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$1.45
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$1.610
Total Postage and Fees	\$6.410

Electronic Return Receipt Requested

Postmark Here
FEB 28 2017

USPS

Code: LA Meyers A-1 Panda

Sent To
Pritchard Mining Co. Inc.
P.O. Box 3311
Charleston, WV 25333

Street, Apt. No., or PO Box No.
City, State, Zip+4
2/28/2017 8:05:26 AM

PS Form 3800, April 2015 See Reverse for Instructions

Certified Mail Fee	\$3.35
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$1.610
Total Postage and Fees	\$6.410

Electronic Return Receipt Requested

Postmark Here
FEB 28 2017

USPS

Code: LA Meyers A-1 Panda

Sent To
Revelation Energy LLC
1051 Main Street
Milton, WV 25541

Street, Apt. No., or PO Box No.
City, State, Zip+4
2/28/2017 8:05:26 AM

PS Form 3800, April 2015 See Reverse for Instructions

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®
9214 8969 0099 9790 1302 6057 28

For delivery information, visit our website at www.usps.com®
9214 8969 0099 9790 1302 6057 61

Certified Mail Fee	\$3.35
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$1.45
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$1.610
Total Postage and Fees	\$6.410

Electronic Return Receipt Requested

Postmark Here
FEB 28 2017

USPS

Code: LA Meyers A-1 Panda

Sent To
Terry Urban
P.O. Box 1207
Clendenin, WV 25045

Street, Apt. No., or PO Box No.
City, State, Zip+4
2/28/2017 8:05:26 AM

PS Form 3800, April 2015 See Reverse for Instructions

Certified Mail Fee	\$3.35
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$1.45
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$1.610
Total Postage and Fees	\$6.410

RECEIVED
Oil and Gas
Postmark Here
MAR 1 2017

Electronic Return Receipt Requested

USPS

Code: LA Meyers A-1 Panda

Sent To
WWMV LLC
315 70th Street SE
Charleston, WV 25304

Street, Apt. No., or PO Box No.
City, State, Zip+4
2/28/2017 8:05:26 AM

PS Form 3800, April 2015 See Reverse for Instructions

04/14/2017

API Number 47 - 039 - 02933

Operator's Well No. L. A. Meyers A-1

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Cabot Oil & Gas Corporation OP Code 08145

Watershed (HUC 10) Reynolds Branch of the Kanawha River Quadrangle Belle

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

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 No treated pit wastes will be produced)

ANY WELL EFFLUENT MUST BE DISPOSED OF OFFSITE, PROPERLY. JWM

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. no drilling proposed

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

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. No cuttings produced during plugging operation

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

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 *Kenneth L. Marcum*

Company Official (Typed Name) Kenneth L. Marcum

Company Official Title Regulatory Supervisor

RECEIVED
Office of Oil and Gas

MAR 06 2017

WV Department of
Environmental Protection

Subscribed and sworn before me this 28th day of February, 2017

Constance C. Carden

Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Constance C. Carden, Notary Public
McDonald Boro, Washington County
My Commission Expires 04/04/2017
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

My commission expires 11/16/2017

Cabot Oil & Gas Corporation

Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20/20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch Pulp Fiber at 1000 to 1500 lbs. Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
(Grain Rye - 100) (Red Clover - 5) (Fescue - 40)	
(Annual Rye - 20) (White Clover - 5)	
(Perennial Rye - 10) (Alta Sweet Clover - 5)	
(Yellow Clover - 5) (Birdsfoot Trefoil - 10)	

Seed Type	lbs/acre
(Grain Rye - 100) (Red Clover - 5) (Fescue - 40)	
(Annual Rye - 20) (White Clover - 5)	
(Perennial Rye - 10) (Alta Sweet Clover - 5)	
(Yellow Clover - 5) (Birdsfoot Trefoil - 10)	

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments: _____

RECEIVED
Office of Oil and Gas
MAR 06 2017

WV Department of
Environmental Protection

Title: Inspector Oil & Gas Date: 3-6-17

Field Reviewed? Yes No

GENERAL NOTES:

THIS DRAWING REPRESENTS A SCHEMATIC REPRESENTATION OF THE PROPOSED WELL SITE AND ACCESS ROAD. PROPOSED STRUCTURES SUCH AS THE DRILLING PIT, ROADWAY, CULVERTS, SEDIMENT BARRIERS, ETC. ARE SHOWN IN THEIR APPROXIMATE PREPLANNING CONFIGURATION. GIVEN UNFORESEEN CIRCUMSTANCES, THE AS-BUILT LOCATION OF THESE STRUCTURES MAY VARY SLIGHTLY FROM THE LOCATION SHOWN ON THE ATTACHED DRAWINGS.

ALL ROADS SHOWN THEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH GUIDELINES AND REQUIREMENTS OF WEST VIRGINIA DEPARTMENT OF OIL AND GAS EROSION AND SEDIMENT CONTROL MANUAL.

ALL CULVERTS SHOWN ON THIS DRAWING ARE PROPOSED AND WILL BE A MINIMUM OF 15" IN DIAMETER UNLESS OTHERWISE NOTED.

DITCH LINES AND CULVERTS WILL BE INSTALLED WHENEVER PRACTICAL. HOWEVER PORTIONS OF THE EXISTING/ PROPOSED ROADS WHICH ARE LOCATED IN SOLID ROCK SHALL NOT REQUIRE DITCHES OR CROSS DRAINS, UNLESS OTHERWISE WARRANTED BY FIELD CIRCUMSTANCES.

SUPPLEMENTAL DRAINAGE AND/OR SEDIMENT CONTROL STRUCTURES MEASURES IN ADDITION TO THOSE SHOWN ON THE ATTACHED DRAWINGS WILL BE INSTALLED WHEN AND WHERE DEEMED NECESSARY. SUCH ADDITIONAL MEASURES MAY CONSIST OF EITHER STRAW BALES, SILT FENCES OR OTHER MEASURES OUTLINED IN THE WEST VIRGINIA DEPARTMENT OF OIL AND GAS EROSION AND SEDIMENT CONTROL FIELD MANUAL.

SEDIMENT BASINS (TRAPS) WILL BE CONSTRUCTED AT ALL CULVERTS AND CROSS DRAINS INLETS AS REQUIRED IN THE WEST VIRGINIA DEPARTMENT OF OIL AND GAS EROSION AND SEDIMENT CONTROL MANUAL. FIELD CONDITIONS SUCH AS ROCK OUTCROPS AND BEDROCK MAY PROHIBIT INLET TRAPS BEING INSTALLED WHEN THESE CONDITIONS EXIST. ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

A SEDIMENT BARRIERS OF EITHER BRUSH, STRAW BALES, FILTER FENCE, ETC. WILL BE INSTALLED AND MAINTAINED BELOW THE OUT FALL OF ALL PROPOSED CULVERTS AND AT ALL OTHER STORM WATER DRAINAGE POINTS FROM EITHER THE ROADWAY OR THE LOCATION.

ALL NECESSARY TIMBER OR BRUSH WILL BE REMOVED FROM ROUTE OF THE ROADWAY AND LOCATION BY CLEANING AND GRUBBING ACTIVITIES. ANY SALVAGEABLE TIMBER WILL BE CUT AND STACKED TO THE SIDE OF THE ROADWAY OR REMOVED TO A STOCKPILE AREA. THE REMAINING TIMBER OR BRUSH WILL BE CUTUP AND WIND ROWED BELOW THE OUTSLOPE OF THE CONSTRUCTION AREAS TO BE UTILIZED AS A SEDIMENT BARRIER.

SEPARATE PERMITS WILL BE OBTAINED FROM THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION FOR ALL POINTS OF INGRESS AND EGRESS FROM COUNTY AND STATE ROADS. THESE INGRESS AND EGRESS POINTS WILL BE MAINTAINED IN ACCORDANCE WITH CURRENT WEST VIRGINIA DEPARTMENT OF TRANSPORTATION REGULATIONS. A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF 8" OF CRUSHED STONE WILL BE CONSTRUCTED FOR A MINIMUM DISTANCE OF 50' FROM THE INGRESS AND EGRESS POINTS OF ALL PUBLIC ROADWAYS IN ACCORDANCE WITH CURRENT WEST VIRGINIA DEPARTMENT OF TRANSPORTATION REGULATIONS.

ALL CULVERTS SHOWN ON THE ATTACHED DRAWINGS ARE TO BE CONSIDERED PERMANENT AND WILL REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION ACTIVITIES UNLESS NOTED OTHERWISE. A STABILIZED OUTLET CONTROL DEVICE SUCH AS RIP RAP, NATURAL STONE, BRUSH, ETC. WILL BE INSTALLED BELOW THE OUT FALL OF ANY ROADWAY CULVERT(S) WHICH ARE NOT LOCATED IN A STREAM OR CREEK.

PERMANENT CROSS DRAINS OR WATER BARS WILL BE INSTALLED AS AN INTEGRAL PART OF THE RECLAMATION PROCESS AND SHALL BE SPACED IN ACCORDANCE WITH AS-BUILT ROADWAY SLOPES AND TABLE 11-4 OF THE WEST VIRGINIA DEPARTMENT OF OIL AND GAS EROSION AND SEDIMENT CONTROL FIELD MANUAL.

TEMPORARY SEEDING AND MULCHING WILL BE UTILIZED TO PROVIDE A VEGETATIVE COVER ON ALL DISTURBED AREAS I.E. ROADWAYS, LOCATION, ROAD/LOCATION SLOPES AND ANY OTHER AREAS THAT ARE DISTURBED BY CONSTRUCTION ACTIVITIES.

THE LOCATION OF DRILLING PIT(S) MAY BE ADJUSTED TO THE MOST ENVIRONMENTAL SAFE SITE TO MEET THE REQUIREMENTS OF THE WVDEP.

CONTRACTORS NOTE:

IT IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND CONDITION OF ALL UNDERGROUND UTILITIES, SANITARY SEWERS, STORM SEWERS, ETC. PRIOR TO THE COMMENCEMENT OF ANY/OR CONSTRUCTION ACTIVITIES. DIG WITH C.A.R.E. CALL MISS UTILITY 1-800-245-4848.

ROAD GRADE (%)	DISTANCE (FT)
1	400
2	250
5	135
10	80
15	60
20	45

ROAD GRADE (%)	DISTANCE (FT)
2-5	500-300
6-10	300-200
11-15	200-100
16-20	100



1-800-245-4848

DRAWING LEGEND

- PROPOSED ROAD -----
- EXISTING ROAD - - - - -
- STRAW BALES [Symbol]
- SILT FENCE [Symbol]
- BRUSH BARRIER [Symbol]
- TREE LINE [Symbol]
- ROCK RIP RAP [Symbol]
- CROSS DRAIN [Symbol]
- CULVERT [Symbol]
- DRILLING PIT [Symbol]
- ROAD DITCH [Symbol]
- GAS LINE [Symbol]
- FENCE LINE [Symbol]
- ROCK OUTCROP [Symbol]
- WATER WELL [Symbol]
- HOUSE/STRUCTURE [Symbol]
- UTILITY POLE [Symbol]
- SPRING [Symbol]
- WET SPOT [Symbol]
- PIT WASTE APP. AREA [Symbol]

DRIVING DIRECTIONS FOR L. A. MEYERS A-1

- 1.) FROM INTERSTATE 77, EXIT 96 IN CHARLESTON, WV, TRAVEL SOUTH ON U.S. ROUTE 60 6.4 MILES± TO BELLE, WV AND TAKE THE EXIT RAMP TO THE RIGHT.
- 2.) TURN RIGHT ON SECONDARY ROUTE 60/15, (SIMMONS CREEK ROAD) AND GO UNDER THE RAILROAD TRACKS TO SECONDARY ROUTE 16/12 (W. DUPONT AVENUE).
- 3.) TURN LEFT ONTO SECONDARY ROUTE 60/12, (W. DUPONT AVENUE) AND GO 0.5 MILE± TO THE INTERSECTION OF SECONDARY ROUTE 60/17, (REYNOLDS BRANCH).
- 4.) TURN LEFT ONTO SECONDARY ROUTE 60/17, (REYNOLDS BRANCH) AND GO APPROXIMATELY 0.7 MILE± TO THE BEGINNING OF THE EXISTING ACCESS ROAD LOCATED ON THE LEFT-HAND SIDE OF THE ROAD.
- 5.) TURN LEFT ONTO THE EXISTING ACCESS ROAD AND GO APPROXIMATELY 0.1 MILE± TO THE EXISTING WELL SITE AS SHOWN ON THE "CONSTRUCTION AND RECLAMATION PLAN"

04/14/2017

RECEIVED
Office of Oil and Gas

MAR 10 2017



L. A. MEYERS A-1
MALDEN DISTRICT, KANAWHA COUNTY, WV
BELLE 7.5 QUADRANGLE

3902933P

Note:

Tanks will be used instead of drilling pit(s), and may be adjusted to the most environmental safe site to meet the requirements of the WVDEP.



APPLY CULVERTS AS NEEDED

Surface Owner
TM 31, TP 5
Girionza N. Scott, et al
228.60 Ac.

1000 TM 31 TP 4

API 039-02933
L.A. MEYERS 1

EXISTING ROAD
+15% TO +18%
70'±

CUT

FILL
EXISTING ROAD
+1% TO +4%
105'±

EXISTING ROAD
+11% TO +14%
210'±

EXISTING ROAD
+9% TO +12%
235'±

60
17

800

TM 31
TP 17

DRAWING LEGEND		
PROPOSED ROAD	---	ROAD DITCH
EXISTING ROAD	— — —	GAS LINE
STRAW BALES	▨	FENCE LINE
SILT FENCE	— — —	ROCK OUTCROP
BRUSH BARRIER	— — —	WATER WELL
TREE LINE	~	HOUSE/STRUCTURE
ROCK RIP RAP	▨	UTILITY POLE
CROSS DRAIN	— — —	SPRING
CULVERT	— — —	WET SPOT
DRILLING PIT	— — —	PIT WASTE APP. AREA

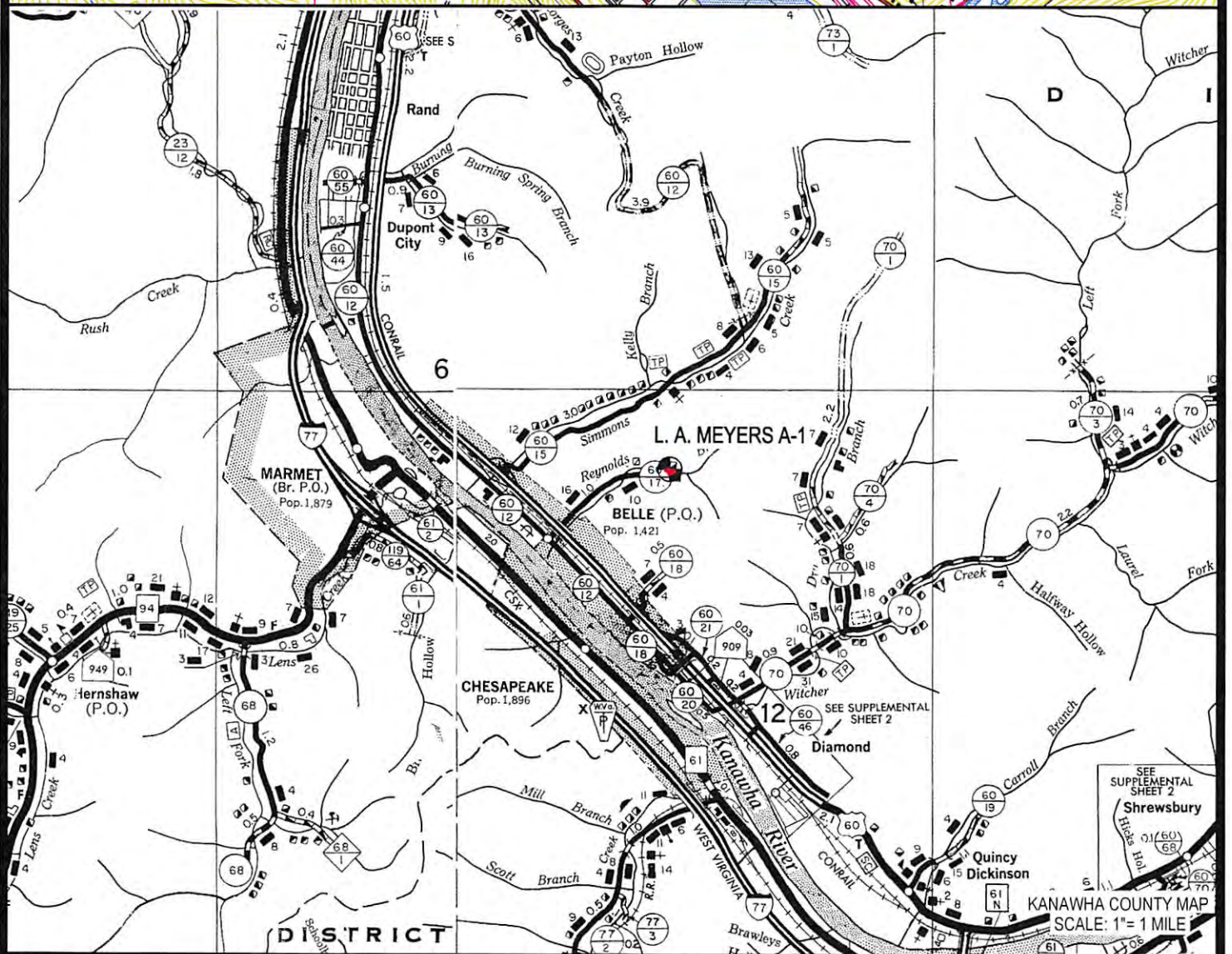
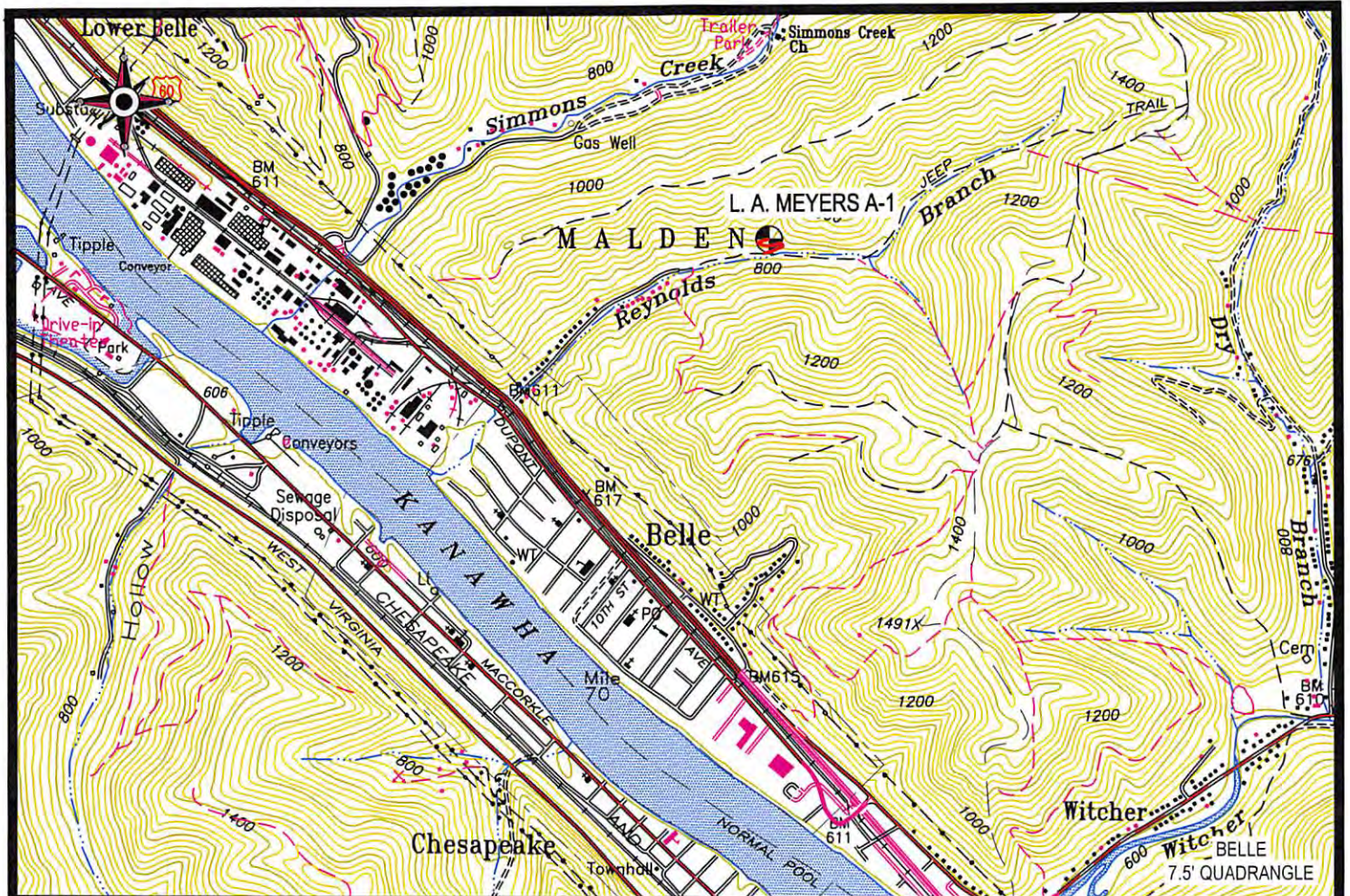


 Cabot Oil & Gas Corporation

L. A. MEYERS A-1
CONSTRUCTION & RECLAMATION SITE PLAN

SITUATED ON THE WATERS OF REYNOLDS BRANCH OF THE KANAWHA RIVER
MALDEN DISTRICT, KANAWHA COUNTY, WV
BELLE 7.5' QUADRANGLE

SHEET NUMBER 1 OF 1	SCALE: 1"=200'	DRAWN BY: G. PERKINS	DATE: 01-16-16	CHK'D. BY: DKC
------------------------	-------------------	-------------------------	-------------------	-------------------



 Cabot Oil & Gas Corporation

L. A. MEYERS A-1

LOCATION MAP

04/14/2017



CUNNINGHAM

LAND SURVEYING & MAPPING SERVICES, LLC

5213 STEPHEN WAY
CROSS LANES, WEST VIRGINIA 25313
VOICE (304) 561-4129 FAX (304) 776-0703
E-MAIL ADDRESS DKCUNNINGHAM@SUDDENLINK.NET

LOCATED ON THE WATERS OF REYNOLDS BRANCH
OF THE KANAWHA RIVER
Malden District, Kanawha County, WV
BELLE 7.5' QUADRANGLE

PROJECT NO. CABOT DWG. MEYERS A-1 LOC

DATE: 01-16-16

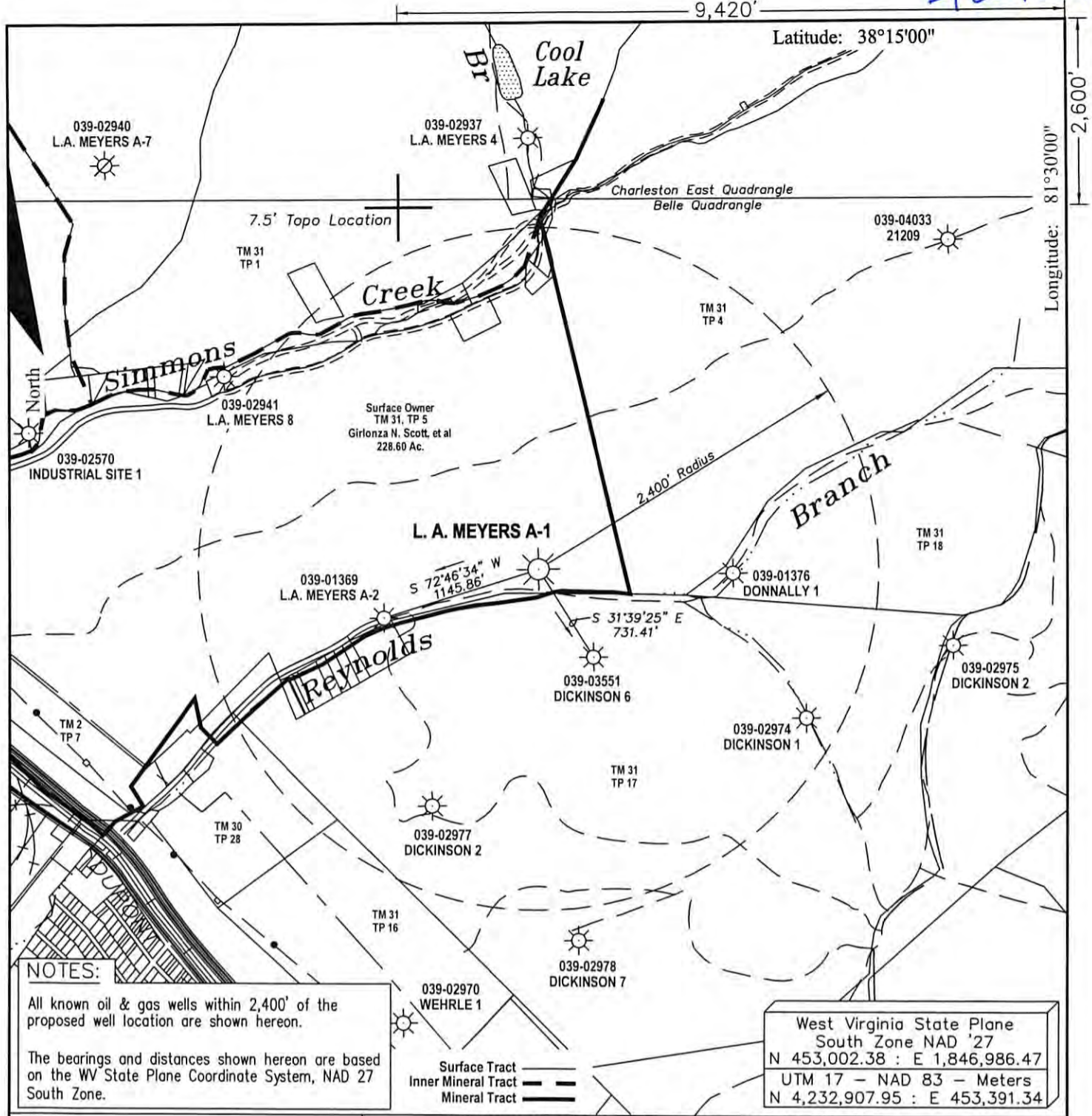
SCALE: AS NOTED

CHK'D BY: D.K.C.

DRAWN BY: G. PERKINS

FILE: C:\PROJECT\FOLDER\CABOT

39 02933 P



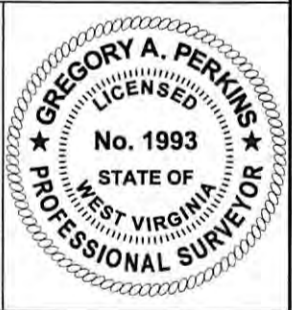
NOTES:
 All known oil & gas wells within 2,400' of the proposed well location are shown hereon.
 The bearings and distances shown hereon are based on the WV State Plane Coordinate System, NAD 27 South Zone.

West Virginia State Plane
 South Zone NAD '27
 N 453,002.38 : E 1,846,986.47
 UTM 17 - NAD 83 - Meters
 N 4,232,907.95 : E 453,391.34

FILE #: _____
 DRAWING #: Meyers A-1 ww6
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1 : 22,546
 PROVEN SOURCE OF ELEVATION: Global Positioning System (GPS)

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: _____
 R.P.E.: _____ L.L.S.: 1993



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



DATE: January 16, 2016
 OPERATOR'S WELL #: L. A. Meyers A-1
 API WELL #: 47 039 02933 P
 STATE COUNTY PERMIT

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

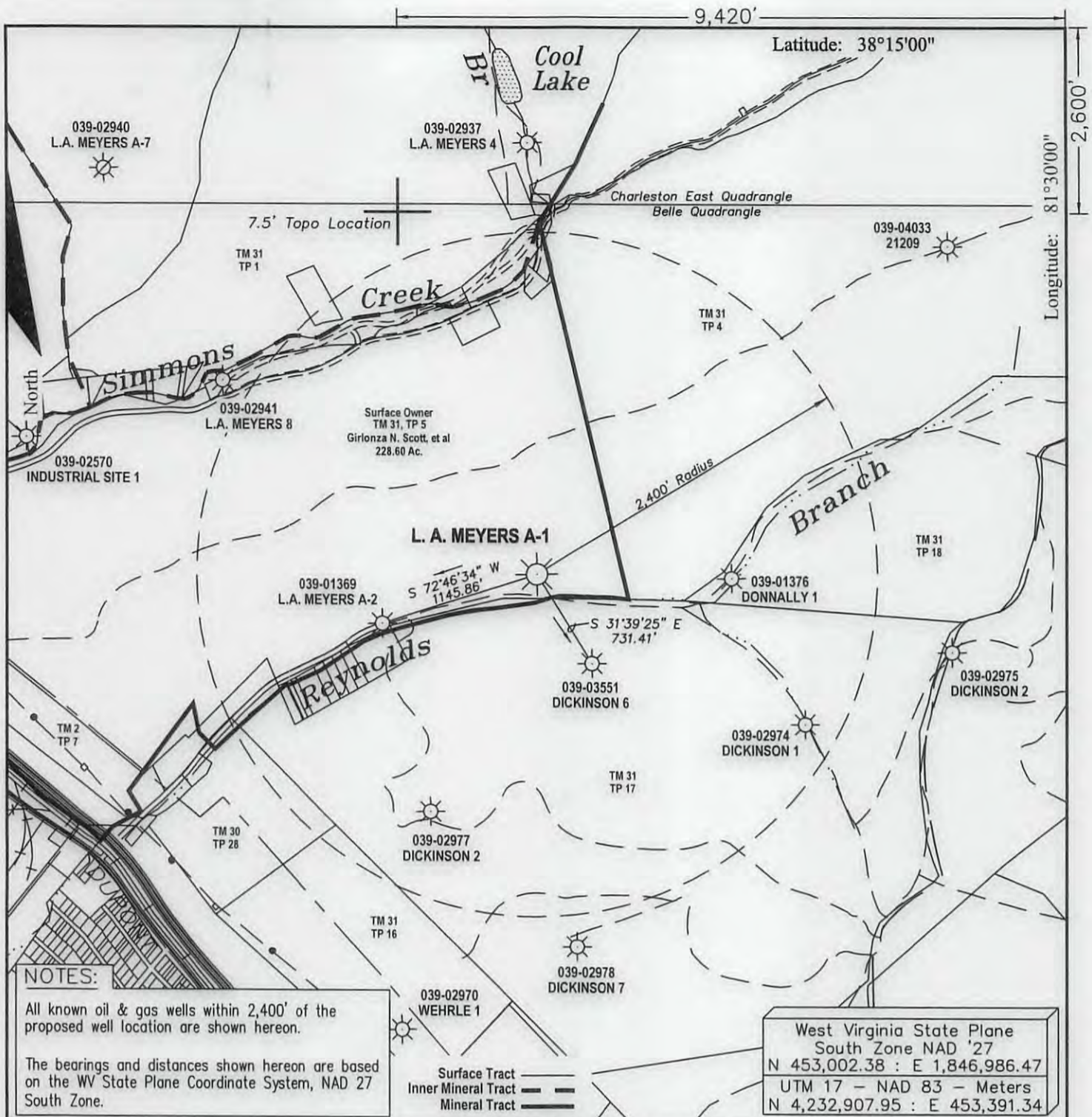
WATERSHED: Reynolds Branch of the Kanawha River ELEVATION: 808.34'
 COUNTY/DISTRICT: Kanawha / Malden QUADRANGLE: Belle
 SURFACE OWNER: Girlonza N. Scott, et al ACREAGE: 228.60

OIL & GAS ROYALTY OWNER: L. A. Meyers, Heirs ACREAGE: 1,171
 LEASE #: 47-4370 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 Cabot Oil & Gas Corp. DESIGNATED AGENT Phillip Hill
 Address 2000 Park Lane, Suite 300 Address 900 Lee Street, Suite 1500
 City Pittsburgh State PA Zip Code 15275 City Charleston State WV Zip Code 25301

RECEIVED
 Office of Oil and Gas
 MAR 10 2017

04/14/2017



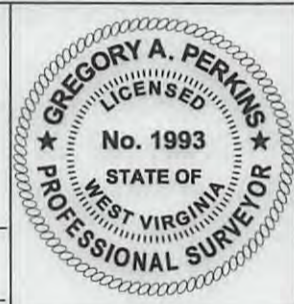
NOTES:
 All known oil & gas wells within 2,400' of the proposed well location are shown hereon.
 The bearings and distances shown hereon are based on the WV State Plane Coordinate System, NAD 27 South Zone.

West Virginia State Plane
 South Zone NAD '27
 N 453,002.38 : E 1,846,986.47
 UTM 17 - NAD 83 - Meters
 N 4,232,907.95 : E 453,391.34

Surface Tract ———
 Inner Mineral Tract - - -
 Mineral Tract = = =

FILE #: _____
 DRAWING #: Meyers A-1 ww6
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1 : 22,546
 PROVEN SOURCE OF ELEVATION: Global Positioning System (GPS)

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIROMENTAL PROTECTION.
 Signed: _____
 R.P.E.: _____ L.L.S.: 1993



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

DATE: January 16, 2016
 OPERATOR'S WELL #: L. A. Meyers A-1
 API WELL #: 47 039 02933
 STATE COUNTY PERMIT

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

WATERSHED: Reynolds Branch of the Kanawha River ELEVATION: 808.34'

COUNTY/DISTRICT: Kanawha / Malden QUADRANGLE: Belle

SURFACE OWNER: Girlonza N. Scott, et al ACREAGE: 228.60

OIL & GAS ROYALTY OWNER: L. A. Meyers, Heirs ACREAGE: 1,171

LEASE #: 47-4370 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 Cabot Oil & Gas Corp. DESIGNATED AGENT Phillip Hill
 Address 2000 Park Lane, Suite 300 Address 900 Lee Street, Suite 1500
 City Pittsburgh State PA Zip Code 15275 City Charleston State WV Zip Code 25301

04/14/2017

39 02933 P



February 28, 2017

Chief
West Virginia Division of Environmental Protection
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

RE: L.A. Meyers A-1
Malden District District, Kanawha County, WV
API # 47-039-02933
Written Application to plug and abandon wellbore

Dear Chief:

In accordance with Article 22-6-23 of the Code of State Regulations regarding oil and gas operations, please find attached a formal application for the plug and abandonment of the subject well.

Notices of our intention to plug this wellbore have been sent to surface owner, coal owner, and coal operators associated with this well. Copies of the certified mail receipts are attached for your records.

If you have any questions or need additional information, I can be reached at 412-249-3850.

Sincerely,



Kenneth L. Marcum
Regulatory Supervisor

RECEIVED
Office of Oil and Gas
MAR 10 2017
WV Department of
Environmental Protection

04/14/2017

3902933A



CERTIFIED MAIL

February 28, 2017

Terry Urban
P.O. Box 1207
Clendenin, WV 25045

Re: L.A. Meyers A-1
Malden District, Kanawha County, WV
API # 47-039-02933
Written Application to plug and abandon wellbore

Dear Mr. Urban:

Enclosed are the following forms for the subject well:

Form WW-4A	Notice of Application to Plug and Abandon Well (1 copy)
Form WW-4B	Application for a Permit to Plug and Abandon (1 copy)
Well Location Plat	Certified Copy of WVDEP Well Location Plat
Form WW-9	Reclamation Plan and Site Registration Application (1 copy)

Copies of the Well Permit Application and Voluntary Statement of No Objection have been sent to the appropriate surface owner(s) and coal operator(s), owner(s) and lessee(s) for signature.

Please make necessary recommendations and sign the Reclamation Plan before forwarding to Chief, Division of Oil & Gas, 601 57th Street, Charleston, WV 25304

If you have any questions or need additional information, please contact me at 412-249-3850.

Sincerely,



Kenneth L. Marcum
Regulatory Supervisor

RECEIVED
Office of Oil and Gas

MAR 06 2017

WV Department of
Environmental Protection

04/14/2017