



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 20, 2014


WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-7900217, issued to CABOT OIL & GAS CORPORATION, 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: PUTNAM LAND35
Farm Name: SLATER, RICHARD
API Well Number: 47-7900217
Permit Type: Plugging
Date Issued: 10/20/2014

Promoting a healthy environment.

10/24/2014

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. 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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

7900217P

- 1) Date August 26, 2014
- 2) Operator's
Well No. Putnam Land Co. #35
- 3) API Well No. 47-079-00217

47-079-00217H

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
- 5) Location: Elevation 968.4' Watershed Eighteen Mile Creek
District Union County Putnam Quadrangle Kenna
- 6) Well Operator Cabot Oil & Gas Corporation 7) Designated Agent Whitney Johnson
Address Five Penn Center West, Ste. 401 Address P.O. Box 450
Pittsburgh, PA 15276 Glasgow, WV 25086
- 8) Oil and Gas Inspector to be notified Name Jamie Stevens
Address 105 Kentuck Road
Kenna, WV 25248
- 9) Plugging Contractor Name Shreve's Well Service ✓
Address 3473 Triplett Road
Spencer, WV 25275

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

*use portex cement on bottom plug just to be sure
Plugging Plan approved as is. H₂S.
Spot hole -*

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

Work order approved by inspector Jamie Stevens Date 9/5/2014
10/24/2014

Elevation 969.

Putnam Land #35 API # 47 - 079 - 00217 PLUGGING PROCEDURE

*Well drilled in 1943
TD. 5161
520' of 2-3/8"
1076' of 10-3/4"
5064' of 7"
55/8" pulled
Existing on well.*

Current Configuration

DTD @ 5251'
10-3/4" - 35.75# casing @ 1076' on shoe
7" - 25.55# & 24# casing @ 5064' on Spang B. H. packer
4 1/2" - 11.6# casing @ 5123', cemented & backed off @ 4805' after frac in 1964
2-3/8" - 4.6# tubing @ 5174'
No coal reported
Water @ 1825'
Oriskany shot @ 5141' - 5161' in 1943 and then frac'd open hole in 1964
Devonian Shale @ 3910' - 5040', not perforated
Berea @ 2661' - 2682' w/ show of gas, not perforated
Big Lime @ 2053' - 2209', not perforated

PROCEDURE

1. Contact Sissonville 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 pit/tank and stake down securely.
5. Have vacuum truck available to catch any fluids circulated from well.
6. Unpack wellhead.
7. Ensure that the tubing is free and can be pulled.
8. MIRU cement company and pump 100 bbls of 6% gel followed by 55 sks of Class A cement for plug 1 from 5174' - 4805'.
9. Displace w/ 18 bbls of 6% Gel.
10. TOO H with 2-3/8" tubing. Let cement plug set for a minimum of eight hours.
11. MIRU wireline company and check setting of cement plug 1.
12. Run free point on the 7" casing.
13. Cut 7" casing where free and TOO H with casing
14. TIH with 2-3/8" tubing to 50' below 7" casing cut.
15. Pump 100 bbls of 6% gel followed by 60 sks of Class A cement for plug 2. Est TOC will be 150' above casing cut.
16. Displace w/ 15 bbls of 6% Gel. Do not overdisplace.
17. Pull tubing up to 3900' and pump 60 sks of Class A cement for plug 3 from 3900' to 3710'.
18. Displace w/ 14 bbls of 6% Gel.
19. Pull 2-3/8" tubing up to 2700' and pump 60 sks of Class A cement for plug 4 from 2700' to 2510'.
20. Displace w/ 9 1/2 bbls of 6% Gel.
21. Pull 2-3/8" tubing up to 2100' and pump 185 sks of Class A cement for plug 5 from 2100' to 1700'.
22. Displace w/ 6 1/2 bbls of 6% Gel.
23. TOO H with 2-3/8" tubing.
24. Pull 10-3/4" casing.
25. TIH with 2-3/8" tubing to 1100' and pump 6% gel to fill wellbore (±110 bbls).
26. Pull tubing up to 200' and pump 135 sacks Class A cement for plug 6 to surface.
27. TOO H with 2-3/8" tubing and lay down.
28. RDMO Cementing Company.
29. Place monument as required by law on top of well bore.
30. Reclaim well site.

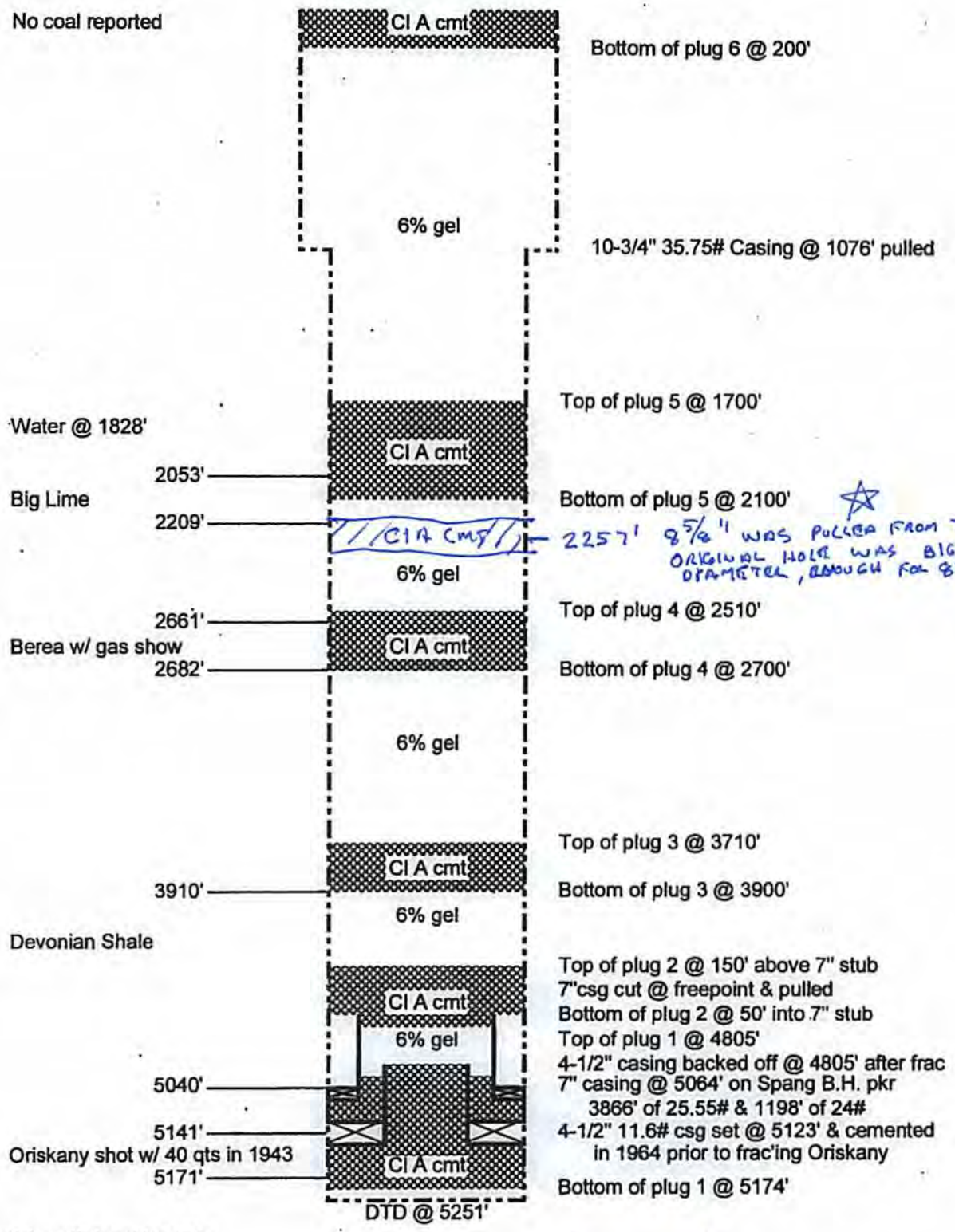
*OK
Jamil Stevens
9/5/2014*

★ SRT. 100' CLASS A CEMENT PLUG FROM 2300' - 2200' TO COVER 8 5/8" CASING SECT. (6 7/8" WAS REMOVED)

10/24/2014

7900217P

Putnam Land #35 API 47-079-00217 PROPOSED CONFIGURATION



Schematic is not to scale

James
9/5/2014

T O U 03/06/14

10/24/2014

7900217P

WW-4A
Revised 6-07

1) Date: August 26, 2014
2) Operator's Well Number
Putnam Land Co. #35

3) API Well No.: 47 - 079 - 00217

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 Christopher D. & Tracie L. & Forrest D. Dewesse	Name None
Address 117 Grant Drive ✓ Charleston, WV 25320	Address _____
(b) Name Nathan A. & Kathy J. Casto	(b) Coal Owner(s) with Declaration
Address Rt. 1 Box 217A ✓ Given, WV 25245	Name See Attached Exhibit "A"
(c) Name Brian D. & Crystal D. Cochran	Address _____
Address 2711 Emma Road ✓ Given, WV 25245	Name _____
6) Inspector Jamie Stevens	(c) Coal Lessee with Declaration
Address 105 Kentuck Road	Name None of Record
Telephone (304) 206-7775	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.

COMMONWEALTH OF PENNSYLVANIA Notarial Seal Constance C. Carden, Notary Public McDonald Boro, Washington County My Commission Expires Nov. 16, 2017 <small>MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES</small>	Well Operator	Cabot Oil & Gas Corporation
	By:	Kenneth L. Marcum <i>Kenneth L. Marcum</i>
	Its:	Regulatory Supervisor
	Address	Five Penn Center West, Suite 401 Pittsburgh, PA 154276
	Telephone	(412) 249-3850

Received

Subscribed and sworn before me this 26th day of August AUG 29 2014
Constance C. Carden Notary Public
My Commission Expires November 16, 2017

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.

10/24/2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Exhibit A

Coal Owners

1. PFR WV Holdings LLC
PO Box 844143 ✓
Dallas, TX 75284
2. Peter D. Gum ✓
747 Winchester Dr.
Burlingame, CA 94010
3. Margaret J. Wyllie Rev. Trust ✓
1698 Union Mills Road
Troy, VA 22974
4. George E. Brooks II ✓
1444 Reynolds Lane
Westville, FL 32464
Helen Reniers Detch
PO Box 205 ✓
Lewisburg, WV 24901
5. Mary Bowyer Garrett ✓
6 Ferncreek Lane
Greenville, SC 29615
6. Ann G. Speers ✓
65 River Edge Farms Road
Madison, CT 6443-2711
7. Hardy Oil & Gas LLC ✓
PO Box 844143
Dallas, TX 75284
8. Bruce B. Bowyer ✓
2598 Maddalena Road
Beckwourth, CA 96129
9. Kenneth B. Bowyer ✓
5965 Via Loma
Riverside, CA 92506
10. Cynthia Kaloust ✓
1478 Ransom Road
Riverside, CA 92506
11. C and D Enterprises ✓
PO Box 831
Charleston, WV 25323
12. AEH Royalty Company ✓
366 S York St.
Denver, CO 80209
13. David B. Browning ✓
PO Box 611
Denver, CO 80209
14. Francis E. Onestinghel ✓
265 Cedar Hill Drive
Amherst, VA 24521

Received

AUG 29 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

10/24/2014

7900217P

- 15. Frank Cox Jones Trust
C/o Bessemer Trust ✓
Attn: Anna Simulinas
630 5th Avenue
New York, NY 10111
- 16. George S. Laidley Trust
C/o Huntington National Bank ✓
Attn: PFG WE3013
PO Box 633
Charleston, WV 25322
- 17. John L. Stenger ✓
RR 1 Box 44C
Lost Creek, WV 26385
- 18. Katherine B. Giltinan ✓
1411 Meadowcrest Drive
Charleston, WV 25314
- 19. Wesley C. Brooks ✓
C/o George E. Brooks II
1444 Reynolds Lane
Westfield, FL 32464
- 20. Gary B. Hawkins ✓
120 Wildwood Dr.
Elkview, WV 25071
- 21. McLean Hoge LLC ✓
C/o Linda Hoge Wilkin
1204 Glenn Ave
Augusta, GA 30904
- 22. Anna Mae Onestinghel ✓
204 Emerson Road
Clarksburg, WV 26301

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Office of Oil and Gas

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366 S York St.
Denver, Co 80209

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Sent To: **David B. Browning**
P.O. Box 611
Denver, CO 80209

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Sent To: **Jamie Stevens**
105 Kentuck Road
Kenna, WV 25248

Cabot-Wood #
Putnam #35 P&A

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Sent To **Hardy Oil & Gas, LLC**
P.O. Box 844143
Dallas, TX 75284

Street, Apt. or PO Box
City, State

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2598 Maddalena Road
Beckworkth, CA 96129

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City, State

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Lewisburg, WV 24901

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City, State, ZIP+

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65 River Edge Farms Road
Madison, CT 6443-2711

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Sent To **George E. Brooks II**
144 Reynolds Lane
Westville, FL 32464

Street, Apt. or PO Box
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Sent To **Mary Bowyer Garrett**
6 Ferncreek Lane
Greenville, SC 29615

Street, Apt. or PO Box
City, State

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 Given, WV 25245 ✓

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 Rt. 1 Box 217A
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 747 Winchester Dr.
 Burlingame, CA 94010 ✓

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 P.O. Box 844143 ✓
 Dallas, TX 75284

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Sent To: **Christopher D. & Tracie L. & Forrest D. Deweese**
 117 Grant Drive
 Charleston, WV 25320 ✓

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Sent To: **Margaret J. Wyllie Rev. Trust**
 1698 Union Mills Road
 Troy, VA 22974 ✓

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PITTSBURGH PA 15204

Sent To: Frank Cox Jones Trust
c/o Bessemer Trust
Attn: Anna Simulinas
630 5th Avenue
New York, NY 10111

Street, Apt. or PO Box: _____
City, State: _____

Putnam #35

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PITTSBURGH PA 15204

Sent To: George S. Laidley Trust
c/o Huntington National Bank
Attn: PFG WE3013
P.O. Box 633
Charleston, WV 25322

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City, State: _____

Putnam #35 P&A

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5965 Via Loma
Riverside, CA 92506

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City, State: _____

Putnam #35 P&A

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Sent To: Francis E. Onestinghel
265 Cedar Hill Drive
Amherst, VA 24521

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Putnam #35 P&A

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Sent To: C and D Enterprises
P.O. Box 831
Charleston, WV 25323

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Putnam #35 P&A

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PITTSBURGH PA 15204

Sent To: Cynthia Kaloust
1478 Ransom Road
Riverside, CA 92506

Street, Apt. or PO Box: _____
City, State: _____

Putnam #35 P&A

PS Form 3800, August 2013

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 AUG 28 14
 PITTSBURGH PA 15204 MONTGOMERY CO PA

Sent To
 McLean Hoges LLC
 c/o Linda Hoge Wilkin
 1204 Glenn Ave.
 Augusta, GA 30904

Putnam #35 P&A

PS Form 3800, August 2006

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 AUG 28 14
 PITTSBURGH PA 15204 MONTGOMERY CO PA

Sent To
 Anna Mae Onestinghel
 204 Emerson Road
 Clarksburg, WV 26301

Putnam #35 P&A

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Sent To
 Wesley C. Brooks
 c/o George E. Brooks II
 1444 Reynolds Land
 Westfield, FL 32464

Putnam #35 P&A

PS Form 3800, August 2006

7013 3020 0001 0841 5247

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Sent To
 Gary B. Hawkins
 120 Wildwood Drive
 Elkview, WV 25071

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Sent To
 Katherine B. Giltinan
 1411 Meadowcrest Drive
 Charleston, WV 25314

Putnam #35 P&A

PS Form 3800, August 2006

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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	\$

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 AUG 28 14
 PITTSBURGH PA 15204 MONTGOMERY CO PA

Sent To
 John L. Stenger
 RR 1 Box 44C
 Lost Creek, WV 26385

Putnam #35 P&A

PS Form 3800, August 2006

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X <i>George Brooks II</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
1. Article Addressed to: <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> George E. Brooks II 144 Reynolds Lane Westville, FL 32464 <i>Putnam #35 P&A</i> </div>	B. Received by (Printed Name)	C. Date of Delivery 9-2-14
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No	
PS Form 3811, July 2013	3. Service Type <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
7013 3020 0001 0841 5070 Domestic Return Receipt		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X <i>William Brooks</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
1. Article Addressed to: <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Ann G. Speers 65 River Edge Farms Road Madison, CT 6443-2711 <i>Putnam #35 P&A</i> </div>	B. Received by (Printed Name)	C. Date of Delivery 9/17/14
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
PS Form 3811, July 2013	3. Service Type <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
7013 3020 0001 0841 5100 Domestic Return Receipt		

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) Eighteen Mile Creek Quadrangle Kenna

Elevation 968.4' County Putnam District Union

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

Will a pit be used for drill cuttings? Yes _____ No X

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes _____ No X 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
CONTAINED IN TANKS AND
DISPOSED ON PROPERLY. gmm

Will closed loop system be used? N/A

Drilling medium anticipated for this well? 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? _____

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

Office of Oil and Gas
WV Dept. of Environmental Protection

Subscribed and sworn before me this 26th day of August, 20 14

Constance C. Carden

Received

AUG 29 2014

COMMONWEALTH OF PENNSYLVANIA
Notary Public Notarial Seal
Constance C. Carden, Notary Public
McDonald Boro, Washington County
My Commission Expires Nov. 16, 2017
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

My commission expires 11/16/2017

10/24/2014

Proposed Revegetation Treatment: Acres Disturbed 0.36 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 6.5

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

Mulch Pulp Fiber at 1000 to 1500 Tons/acre

Seed Mixtures

Area I			Area II		
Seed Type	lbs/acre		Seed Type	lbs/acre	
Grain Rye - 100	Red Clover - 5	Fescue - 40	Grain Rye - 100	Red Clover - 5	Fescue - 40
Annual Rye - 20	White Clover - 5		Annual Rye - 20	White Clover - 5	
Perennial Rye - 10	Alta Sweet Clover - 5		Perennial Rye - 1	Alta Sweet Clover - 5	
Yellow Clover - 5	Birdsfoot Trefoil - 10		Yellow Clover - 5	Birdsfoot Trefoil	

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: _____

Plan is for Plugger's P

47-079-00217-P

1943 Well

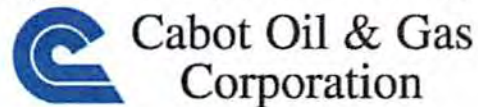
Title: *Janice Stevens* Date: *9/5/2014*

Field Reviewed? Yes No



**Putnam Land Co. 35 Well Site
Location Map**

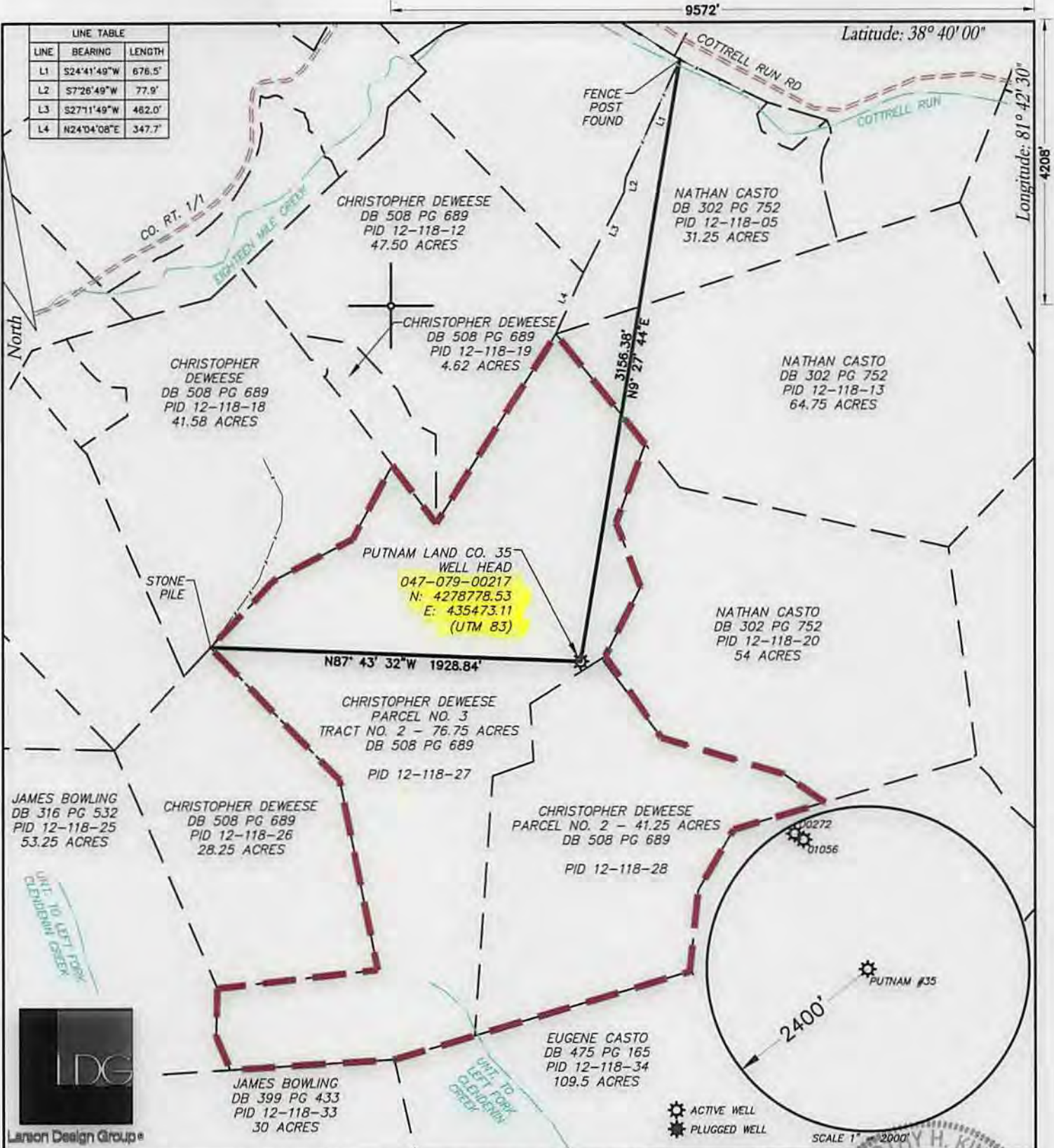
Kenna Quad
Union District, Putnam County, WV
Ripley District, Jackson County, WV



Date	4/23/2014
Designer	CAB
Project No.	8744-008
Scale	10/24/2014 1 inch = 2,000 feet



Larson Design Group



FILE #: 8744-008
 DRAWING #: 1
 SCALE: 1" = 700'
 MINIMUM DEGREE OF ACCURACY: 1 in 2500'
 PROVEN SOURCE OF ELEVATION: SURVEY GRADE 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: *[Signature]*
 R.P.E.: _____ L.L.S.: 1969



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

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

DATE: APRIL 21st, 2014
 OPERATOR'S WELL #: PUTNAM #35
 API WELL #: 47 079 00217 P
 STATE COUNTY PERMIT

WATERSHED: EIGHTEEN MILE CREEK ELEVATION: 968.4'
 COUNTY/DISTRICT: PUTNAM / UNION QUADRANGLE: KENNA

SURFACE OWNER: CHRISTOPHER DEWEESE ACREAGE: 118.00
 OIL & GAS ROYALTY OWNER: HARDY OIL & GAS, ET AL ACREAGE: 10,776.20

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: ORISKANY ESTIMATED DEPTH: 5,141'
 WELL OPERATOR CABOT OIL & GAS CORPORATION DESIGNATED AGENT WHITNEY JOHNSON
 Address FIVE PENN CENTER WEST, SUITE 401 Address CABOT OIL & GAS CORPORATION, P.O. BOX 450
 City PITTSBURGH State PA Zip Code 15276 City GLASGOW State WV Zip Code 25086

FORM WW-6

10/24/2014



North Region
August 26, 2014

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

RE: Putnam Land Co. #35
Union District, Putnam County, WV
API # 47-079-00217
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
AUG 29 2014
Office of Oil and Gas
WV Dept. of Environmental Protection