



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 05, 2017
WELL WORK PERMIT
Vertical / Plugging

CONSOL GAS COMPANY (A)
1000 CONSOL ENERGY DRIVE

CANNONSBURG, PA 163176506

Re: Permit approval for
47-097-02693-00-00

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:
Farm Name: WOODY, DON J. LBR. CO.
U.S. WELL NUMBER: 47-097-02693-00-00
Vertical / Plugging
Date Issued: 4/5/2017

Promoting a healthy environment.

04/07/2017

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.

9702693A

WW-4B
Rev. 2/01

1) Date 3/31, 2017
2) Operator's Well No. 534
3) API Well No. 47-097 - 02663

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 ~2134 Watershed Buckhannon River
District Washington County Upshur Quadrangle Alton

6) Well Operator CONSOL Gas Company 7) Designated Agent Christopher Turner
Address 1000 CONSOL Energy Drive Address One Dominion Drive
Canonsburg, PA 15317 Jane Lew, WV 26378

8) Oil and Gas Inspector to be notified Name Bryan Harris 9) Plugging Contractor Name Coastal Drilling
Address P.O. Box 157 Address 130 Meadow Ridge Rd, STE 24
Volga, WV 26238 Mount Morris, PA 15349

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

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WV Department of
Environmental Protection

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

OK gmm

Work order approved by inspector _____ Date _____

04/07/2017

9702693P

Plugging Work Order for Permit 47-097-02693

CNX Gas – DEPI 534 O'Dell #2

Elevation 2112.5' Original Drill Date 12/1/1984

1. Verify tubing TD with sand line.
2. Secure 1-1/2" tubing and disassemble wellhead.
3. TOOH 1-1/2" production string.
4. TIH 2-3/8" workstring to TD. (~3700')
5. Gel hole and set bottom cement plug from ~3700'-3200' covering Benson perfs at 3545-67' and Riley perfs at 3247-51'.
6. TOOH 2-3/8" workstring to 1950'.
7. Set 2nd cement plug from 1950'-1850' covering Bayard perfs @ 1898-1947'.
8. TOOH 2-3/8" workstring.
9. Pull CBL and determine TOC.
10. RIH and jet cut 4-1/2" casing just above TOC. (~50' above TOC)
11. TOOH 4-1/2" casing.
12. TIH 2-3/8" workstring to 4-1/2" casing cut.
13. Set cement plug(s) from casing cut up to and across 8-5/8" CS at 960' in 500' lifts.
Use gel spacers where applicable. Ensure cement across elevation at 2112!
14. TOOH 2-3/8" workstring to 200' and CTS.
15. Install 6" x 14' monument (10' below grade, 4' above grade) API 47-097-02693

Work Order approved by Inspector _____ Date: _____

Note: All cement will be Class A. All spacers between plugs will be 6% gel.

OK gmm

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IV-35
(Rev 8-81)

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Office of Oil and Gas State of West Virginia

APR 04 2017

Department of Mines
Oil and Gas Division

Date January 15, 1985
Operator's _____
Well No. CNGD WN 534
Farm O'Dell
API No. 47 - 097 - 2693

WV Department of Environmental Protection
WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 2112.5' Watershed Panther Creek
District: Washington County Upshur Quadrangle Alton, WV 7.5' (1977)

COMPANY CNG DEVELOPMENT COMPANY

ADDRESS P.O.Box 15746, Pittsburgh, PA 15244

DESIGNATED AGENT Gary A. Nicholas

ADDRESS Rt. 2 Box 698, Bridgeport, WV 26330

SURFACE OWNER Don J. Woody, et al

ADDRESS 24 Vicksburg Road
Budkhannon, WV 26201

MINERAL RIGHTS OWNER Olive Culpepper/Maxine O'Dell

ADDRESS 510 Kanawha Blvd W / 604 Hall Street
Charleston, WV 25302 / Charleston, WV-25302

OIL AND GAS INSPECTOR FOR THIS WORK
Phillip Tracy ADDRESS Forest Festival Terr. #24
Elkins, WV 26241

PERMIT ISSUED 11-1-84

DRILLING COMMENCED 11-26-84

DRILLING COMPLETED 12-1-84

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"			
9 5/8			
8 5/8	960	960	To Surf.
7			
5 1/2			
4 1/2	3721	3721	250 sks.
3			
1 1/2"	3514	3514	---
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 3850 feet

Depth of completed well 3845' feet Rotary X / Cable Tools _____

Water strata depth: Fresh (140' / 120') feet; Salt _____ feet

Coal seam depths: 300-304 (215' / 265' / 880') Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Benson Riley Bavard Pay zone depth 3545-3567 3247-3251 1898-1947 feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 133 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 500 psia (surface measurement) after _____ hours shut in

04/07/2017

9702693P

FORM IV-35
(REVERSE)

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

Allegheny Nuclear Perforated Benson; 3545-3567; 10 holes; (.39); Riley 3247-3251; 10 holes; (.39); Bayard 1898-1947, 13 holes; (.39)-Cement plug @ 2127-2160'. To be drilled out after frac, Alpha Frac Plug @ 2620' to be drilled out after frac.

Halliburton Water Frac; Break 1500, Avg. HHP 1094, Avg. BPM 24.8, Avg. PSI 1880, 500 gals MOD 202 Acid, 45,000# 20/40 Sand, 584 BBL Fluid, ISIP 700, 5 min 650, WAC-9 100#.
Break 1400, Avg. HHP 1033, Avg. BPM 24.8, Avg. PSI 1700, 500 gals MOD 202 Acid, 36,000# 20/40 Sand, 509 BBL Fluid, ISIP 500, 5 min 350, WAC-9 100#.
Break 1600, Avg. HHP 1728, Avg. BPM 32, Avg. PSI 2200, 500 gals MOD 202 Acid, 45,000# 20/40 Sand, 545 BBL Fluid, ISIP 800, 5 min 600, WAC-9 50#.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
KB - GL			0	10	1/2" stream Water @ 40'
Soil & Shale			10	30	1/2" stream water @ 120'
Coal			30	33	1/2" stream water @ 215'
Sand & Shale			33	300	1" stream water @ 265'
Coal			300	304	1/2" stream water @ 840'
Sand, Shale & RR			304	1110	Coal 30 - 33
Big Lime			1110	1195	Coal 300 - 304
Injun			1195	1345	
Sand, Shale			1345	3845	
<u>LOG TOPS</u>					
B. Lime/ B. Injun			1100	1322	
Gordon Stray/Gordon			1450	1728	
4th/4th Elk			1640	1728	
5th			1735	1810	
Bayard/Lower Bayard			1836	1961	
Speechley			2275	2345	
Balltown			2370	2550	
Bradford			2754	2924	
Riley			3196	3354	
Benson			3536	3555	

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(Attach separate sheets as necessary)

04/07/2017

97026937

Revised 10/11/01

WELL NO. CN6D#534
WELL NAME O'Dell

DATE 12/10/84 & 12/27/84

FORMATION Benson & Riley
COUNTY Upshur

ENGINEER Craig Neal

PERFORATING COMPANY Allegheny Nuclear

	FORMATION	DEPTH	no. HOLES	SIZE	Baffle
Stage 1	Benson	3545-67	10	.39	N/A
2	Riley	3247-51	10	.39	3300'
3	Bayard	1898-1947	13	.39	Cement Plug @ 2127-60'
4					To be drilled out after frac
5					
6					Alpha Frac Plug @ 2620' to be drilled out after frac.

12/10/84 12/27/84

FRACTURING COMPANY Halliburton (water frac)

	1	2	3	4	5	6
Gel System (#/1000 gal)	15	15	W6-11 20			
Breakdown (psi)	1500	1400	1600			
Ave. HHP	1094	1033	1728			
Ave. Rate (BPM)	24.8	24.8	32			
Ave. Pressure (psi)	1880	1700	2200			
Max. Treating Pressure (psi)	2600	2400	2600			
ACID (Mod 202) (gal)	500	500	500			
Total Sand (20-40) (#)	45,000	36,900	45,000			
Max. Concentration (#/gal)	3	3	3			
Total Fluid (BBL)	584	509	545			
S L Fluid (BBL)	425	360	424			
ISIP (psi)	700	500	800			
5-min SIP (psi)	650	350	600			
WAC-9	100#	100#	50#			

Please note that stages 1 & 2 were done 12/10/84
3rd stage done 12/27/84
This is the complete frac.

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FRAC VALVE NO. 9 (looks rebuilt) Frac Gate# 12

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No EnVar PrePads 12/10/84 & 12/27/84

Pressure Tested Cement Plug + 4 1/2 to 3500 psi before perforating.
Allegheny Tagged Top of Cement Plug @ 2127'.

04/07/2017

9702693P

11/01 10.29 FU4

85/854

C N G DEVELOPMENT COMPANY RECOMMENDATION FOR DRILLING NEW WELL

Original Lessor (Farm Name) <u>Wesley H. O'Dell, et al</u>		No.	WELL NO. <u>534</u>
Township/ Magisterial District <u>WASHINGTON</u>		County/ State <u>UPPER MERION</u>	Map Reference / Comp. <u>70A</u>
Quadrangle <u>ALTON</u>		Division <u>EASTERN</u>	<u>546/E2.3</u>
Direction & Distance to Nearest Pipeline / Size and Ownership <u>SE 3400' TO H-21062 (3")</u>			
Operator <u>CNED</u>		Partners and Working Interest <u>NONE</u>	

FORMATIONS	TOP	BOTTOM	G.L. ELEVATION 2125 GAS-OIL-WATER-COAL
<u>B. LIND</u>	<u>1075</u>	<u>1170</u>	
<u>B. INT</u>	<u>1170</u>	<u>1310</u>	<u>(OIL AT)</u>
<u>WANTZ A</u>	<u>1220</u>	<u>1350</u>	<u>(OIL AT)</u>
<u>50'</u>	<u>1265</u>	<u>1490</u>	<u>(OIL AT)</u>
<u>50'</u>	<u>1490</u>	<u>1670</u>	<u>230' (8')</u>
<u>600 STR / SAND</u>	<u>1480</u>	<u>1645</u>	
<u>4TH / LWA</u>	<u>1655</u>	<u>1745</u>	<u>WATER AT</u>
<u>5TH / L5TH</u>	<u>1775</u>	<u>1830</u>	<u>125'</u>
<u>Bay 11 Bay</u>	<u>1835</u>	<u>1965</u>	<u>875'</u>
<u>SHOARD</u>	<u>2040</u>	<u>2065</u>	
<u>WACON</u>	<u>2095</u>	<u>2125</u>	<u>500' Below</u>
<u>USRN / SRN</u>	<u>2360</u>	<u>2460</u>	
<u>ROCKWELL</u>	<u>2575</u>	<u>2720</u>	
<u>ROCKWELL</u>	<u>2875</u>	<u>3040</u>	
<u>RUEY</u>	<u>3230</u>	<u>3370</u>	
<u>BASEIN</u>	<u>3540</u>	<u>3555</u>	

Total Depth <u>3850'</u>	Collect Sand Samples <u>NO</u>
Target Formation <u>BASEIN</u>	
Suggested Down Hole Logs <u>5" SCALE</u>	
<u>2" SCALE</u>	
<u>GR-FULL HUC</u>	
<u>GR-FULL HUC</u>	
Budget Project No. <u>B-1853</u>	
Expl. <input type="checkbox"/> Dev. <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Oil <input type="checkbox"/>	
Geology By <u>L.R. HEM</u>	Date Prepared <u>8-31-84</u>
Control Wells Used:	
Well No. <u>12825(E)</u>	Well No. _____
" " <u>77968(W)</u>	" " _____
" " <u>F7067(N)</u>	" " _____

LEASE DATA									
Lease No.	Acres	Lease Date	Recorded On	In	Book	Page			
Made By					Present Oil & Gas Owner				
Present Surface Owner					Coal Owner				
<input type="checkbox"/> Original Lease		No. of Yrs.	From	To	Royalty Payable-Gas		Royalty Payable-Oil		
<input type="checkbox"/> Renewed Lease									
Free Gas					WV Department of Environmental Protection				
Reserve around Buildings		Drilling Operations to be Commenced By:			Previous Operations				

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REMARKS:
NOTE: AN ADDITIONAL 150' HAS BEEN ADDED TO T.D. TO ALLOW FOR THE POSSIBILITY OF BASEIN BEING LOWER THAN EXPECTED

SEAL LEVEL SIGNATURES

1140 50 10

well

COALS

WATER

04/07/2017

WELL 534

Potential Productive Formations:

~~4TH~~ 4TH, 5TH SANDS
 ELIZABETH
 SPENCER
 BENSON

Depleted Zones:

NONE

Remarks:

MIN GAS SATURATION FOR COMPLETION - 50%

BULK DENSITY { 2.68 BELOW BOTTOM OF B.G. INT.
 { 2.71 ABOVE BOTTOM OF B.G. INT.

ROCK PRESSURE F 70522 (BENSON, 2380' NW) - 1200#
 F 70699 (5TH BENSON, 1653' N) - 820#
 11968 (BENSON, 300' W) - 1355#

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ALL ZONES EXHIBITING POTENTIAL WHICH ARE NOT ON THE DEPLETED LIST SHOULD BE COVERED WITH CEMENT AND SEPARATED BY BAFFLES.

04/07/2017

WW-4A
Revised 6-07

1) Date: 4/5/2017
2) Operator's Well Number
Well No. 534
3) API Well No.: 47 - 097 - 02693

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>Delmas Woody - Land Manager</u>	Name <u>N/A</u>
Address <u>201 Vicksburg Road, Suite 101</u>	Address _____
<u>Buckhannon, WV 26201</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attachment for Coal Ownership</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Bryan Harris</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 157</u>	Name _____
<u>Volga, WV 26238</u>	Address _____
Telephone <u>304-553-6087</u>	_____

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

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

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

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

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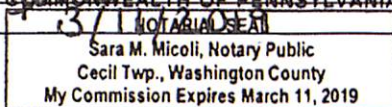
Well Operator	<u>CONSOL Gas Company</u>	RECEIVED
By:	<u>Matthew Hanley</u>	Office of Oil and Gas
Its:	<u>Manager - Gas Permitting</u>	
Address	<u>1000 CONSOL Energy Drive</u>	
	<u>Canonsburg, PA 15317</u>	APR 04 2017
Telephone	<u>724-485-3011</u>	

WV Department of
Environmental Protection

Subscribed and sworn before me this 5th day of April, 2017

Sara M. Micoli Notary Public

My Commission Expires 3/11/2019



Oil and Gas Privacy Notice
The Office of Oil and Gas procedures for personal information collection, use, and dissemination, 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.

SURFACE OWNER WAIVER

Operator's Well
Number

Well No. 534

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.

FOR EXECUTION BY A CORPORATION,

Debra M. Woody
Signature

Date 3-31-17

Name D.M.W.
By
Its

Lead Manager
Woody Brothers Partnership

Signature

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Date

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Royalty Listing:

Well No. 534; API# 47-097-02693

CONSOL Gas Company
CNX Center
1000 CONSOL Energy Drive
Canonsburg, PA 15317

Marvin W. Culpepper
616 Stonewall Drive
Charleston, WV 25302

Linda Gail McMillen
504 Kanawha Blvd.
Charleston, WV 25302

Gary L. O'Dell
604 Hall St.
Charleston, WV 25302

Dustin Brian O'Dell
329 Hawthorne Dr.
Charleston, WV 25302

Coal Ownership Listing:

Well No. 534; API# 47-097-02693

Dustin Brian O'Dell
329 Hawthorne Dr.
Charleston, WV 25302

Gary L. O'Dell
604 Hall St.
Charleston, WV 25302

Linda Gail McMillen
504 Kanawha Blvd.
Charleston, WV 25302

Marvin W. Culpepper
616 Stonewall Drive
Charleston, WV 25302

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WW-4B

API No. 47-097-02693 P
 Farm Name _____
 Well No. 534

**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.

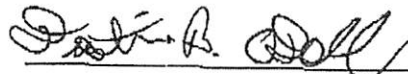
This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, 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 X / 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: 4-4-17


 By: _____
 Its _____

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 Environmental Protection

04/07/2017

WW-4B

API No. 47-097-02693 P
 Farm Name _____
 Well No. 534

**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: 4/4/17

By: Gary L. O'Neil
 Its _____

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APR 4 2017

WV Department of
 Environmental Protection

04/07/2017

WW-4B

API No. 47-097-02693 P
Farm Name _____
Well No. 534

**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.

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WAIVER

The undersigned coal operator _____ / owner X / 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: April 3, 2017

Linda Gail McMillen
By: Linda Gail McMillen
Its _____

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WV Department of
Environmental Protection

04/07/2017

WW-4B

API No. 47-097-02693 P
Farm Name _____
Well No. 534

**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.

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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 X / 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: 4-4-17

Marvin W Culpepper
By: MARVIN W. CULPEPPER
Its _____

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04/07/2017

9702693P

WW-9
(5/16)

API Number 47 - 097 - 02693
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CONSOL Gas Company OP Code 494495754

Watershed (HUC 10) Buckhannon River Quadrangle Alton

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 (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Qualified contractor will use vacuum trucks and properly dispose of any fluid or waste returns.)

Will closed loop system be used? If so, describe: _____

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. _____

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

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____

-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 April 1, 2016, 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 *Matthew Hanley*

Company Official (Typed Name) Matthew Hanley

Company Official Title Manager - Gas Permitting

Subscribed and sworn before me this 31st day of March, 2017

Evan M. Mungai

My commission expires Oct 2, 2017

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Evan M. Mungai, Notary Public
Cecil Twp., Washington County
My Commission Expires Oct. 2, 2017
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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04/07/2017

Form WW-9

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH 6.5

Lime according to pH test Tons/acre or to correct to pH 7.0

Fertilizer type Granular or Liquid

Fertilizer amount 500 lbs/acre

Mulch hay or straw @ 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Orchard Grass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10

Seed mix may vary slightly, but proper vegetative cover will be established.

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

Title: _____

Date: _____

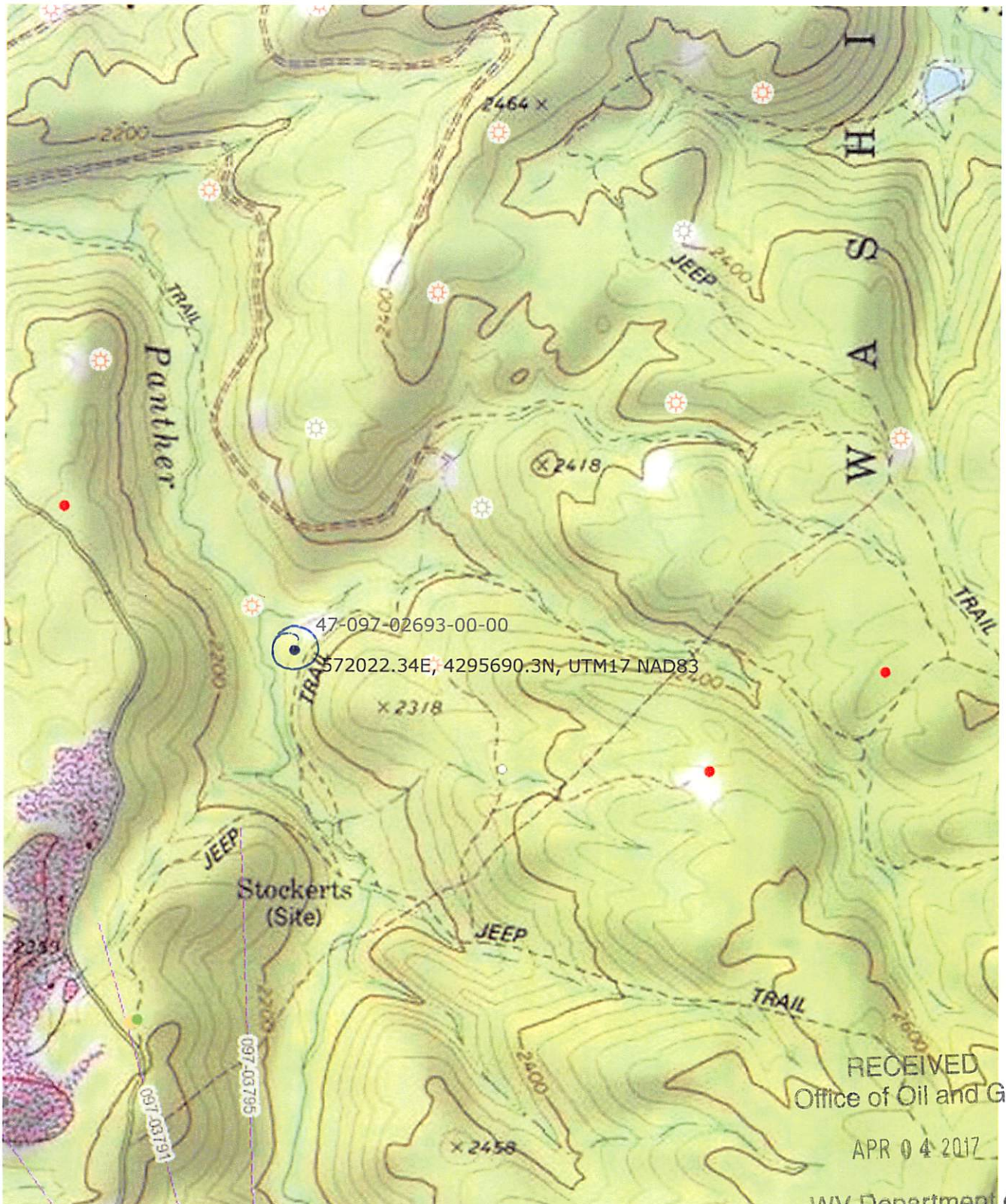
Field Reviewed? () Yes () No

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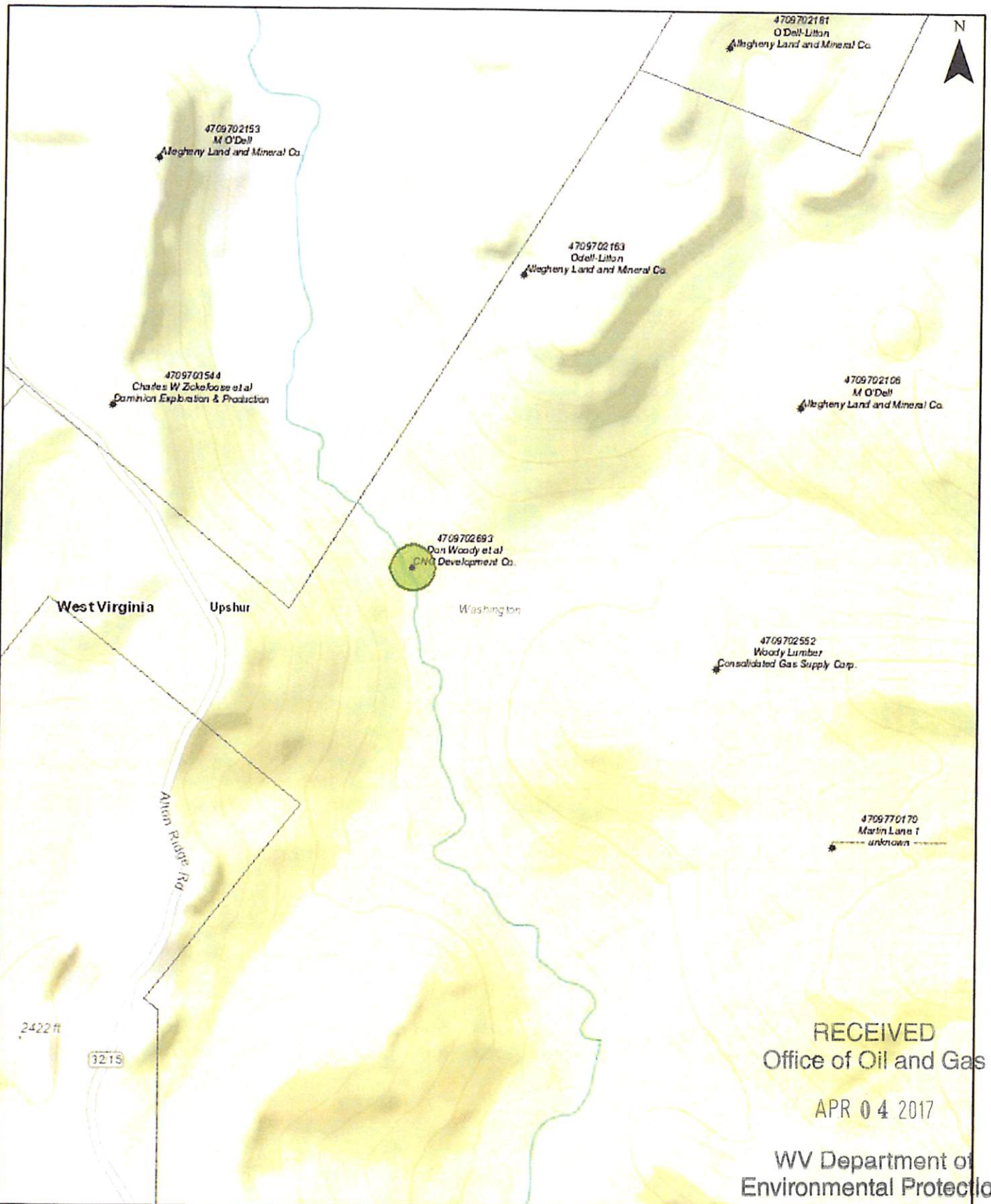


47-097-02693-00-00
572022.34E, 4295690.3N, UTM17 NAD83

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Legend * WhiteStar Wells WhiteStar Wells Labels <input type="checkbox"/> Surface Tax Parcels	0 0.1 0.2 mi Date: 3/31/2017 Prepared By: Harley, Matt	 534 Topo
	This product was generated by CONSOL Energy's WEB Map. Intended for Internal Use Only.	

WW-7
8-30-06



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

API: 47-097-02693 WELL NO.: 534
FARM NAME: WOODY, DON J. LBR. CO.
RESPONSIBLE PARTY NAME: CONSOL Gas Company
COUNTY: Upshur DISTRICT: Washington
QUADRANGLE: Alton
SURFACE OWNER: See WW-4A WOODY BROTHERS PARTNERSHIP
ROYALTY OWNER: See Attachment TO WW-4A
UTM GPS NORTHING: 4295690.298
UTM GPS EASTING: 572022.344 GPS ELEVATION: 2134

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

- 1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- 2. Accuracy to Datum – 3.05 meters
- 3. Data Collection Method:

Survey grade GPS : Post Processed Differential _____
Real-Time Differential

Mapping Grade GPS _____ : Post Processed Differential _____
Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

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[Signature] Manager Gas Permitting 3/31/2017
Signature Title Date

9702693F

1 Feet

Measurement Result

553.6 Feet



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04/07/2017

OLD
COORDINATES

NEW
COORDINATES