

#### 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, March 15, 2017 WELL WORK PERMIT Vertical / Plugging

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

PITTSBURGH, PA 15275

Re: Permit approval for 58-831 47-099-00793-00-00

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: 58-831

Farm Name: WILSON COAL LAND CO. U.S. WELL NUMBER: 47-099-00793-00-00

Vertical / Plugging

Date Issued: 3/15/2017

Promoting a healthy environment.

### **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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

#### **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.

Updated w/ Inspector Sign-offs 9900793P

# Wilson Coal #58 API # 47 – 099 – 00793 PLUGGING PROCEDURE

COAL @ 182-185

COAL @ 480 - 483

**Current Configuration** 

DTD @ 3451'

8-5/8" 24# casing @ 430' set on packer

7" - 20# casing @ 1728' set on shoe

No coal reported

Fresh water @ 227', 580' - 600'

Elevation 1279'

Gas shows @ 1845', 2496', 2507', 2520', 2731', 2843'-2888', 3152', 3425'

Devonian Shale shot from 2720' to 3451'

Big Lime formation @ 1712' - 1918'

Injun formation @ 1949' - 2022'

Berea formation @ 2496' – 2520' Devonian Shale @ 2720' - TD

PROCEDURE

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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. Lay 2" line from wellhead to tank and stake down securely.

4. MIRU service rig and blow down well to tank.

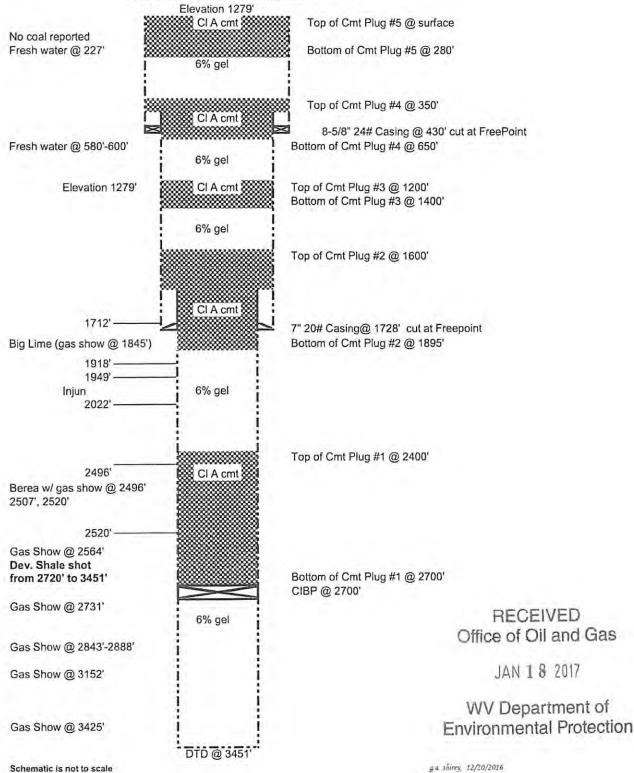
5. Unpack wellhead.

- 6. RIH with sand line to check TD.
- 7. RIH and set CIBP @ 2700'.
- 8. TIH with 2 3/8" work string to TD.
- MIRU Cement Company and pump 50 bbls 6% Gel followed by 62 sks (13 bbls) of Class A cement for cement plug #1 from 2700' to 2400'
- 10. Pull tubing to +/- 2200', safely above cement top. WOC for a minimum of eight hours.
- 11. RIH w/ work string tag TOC to confirm.
- 12. TOOH with tubing.
- 13. Run freepoint on 7" casing.
- 14. Cut 7" casing above freepoint and POOH.
- 15. TIH with work string to 1895' and pump 50 bbls of 6% Gel.
- Pump 64 sks (14 bbls) of Class A cement for cement plug #2 from 1895' to 1600'. Cement must cover the 7" casing cut
- 17. Displace w/ 6 bbls of 6% Gel.
- 18. Pull tubing to +/- 1400', safely above cement top. WOC for a minimum of eight hours.
- 19. RIH w/ work string tag TOC to confirm.
- 20. Pull work string up to 1400' and pump 57 sks (12 bbls) of Class A cement for plug #3 from 1400' to 1200'.
- 21. Displace w/ 4 1/2 bbls of 6% Gel.
- 22. TOOH with tubing.
- 23. Run freepoint on 8 5/8" casing.
- 24. Cut 8 5/8" casing above freepoint and POOH.
- 25. TIH with work string to 550' and pump 25 bbls of 6% Gel.
- 26. Pump 100 sks (21 bbls) of Class A cement for cement plug #4 from 650' to 350'. Cement must cover the 8 5/8" casing cut.
- 27. Displace w/ 1 1/2 bbls of 6% Gel.
- 28. Pull tubing to +/- 150', safely above cement top. WOC for a minimum of eight hours.
- 29. RIH w/ work string tag TOC to confirm.



#### Wilson Coal Land #58

API 47-099-00793 PROPOSED P&A CONFIGURATION





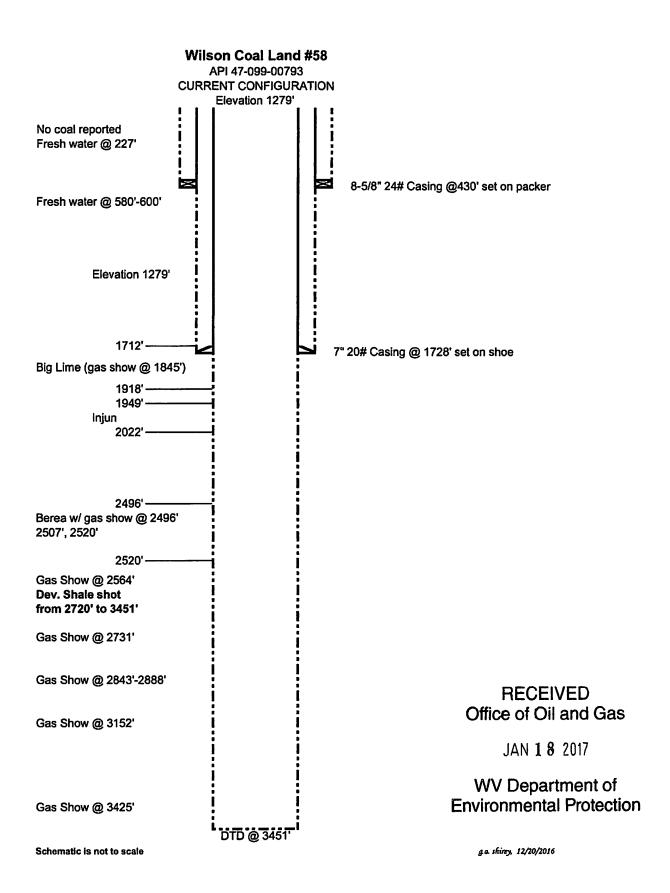
- 30. Pull work string up to 280' and pump 156 sks (33 bbls) of Class A cement for plug #5 from 280' to surface.
- 31. TOOH with work string and lay down.
- 32. RDMO Cementing Company.
- 33. Place monument as required by law on top of well bore.
- 34. Reclaim well site.

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103/8/7/2017



03/17/2017

## WEST VIAGINIA DEPARTMENT OF MINES OIL & GAS DIVISION W E L L R E C O R D

Permit No. Wayne-793 Wayne Quad.

Gas Roll

```
Company
                    Owons, Libbey Owons Gas Dept.
                                                              Casing & Tubing
                    P.O. Box 4158, Chas. 4, W. Va.
 Address
 Farm
                    Wilson Coal Land Co. Acres 9937
                                                             8-5/8
                                                                     ÷301
                                                                              4301
 Well No.
                   58 (OLG Serial No. 831) Elev.1279.29
                                                             7"
                                                                     17281
                                                                             17281
 District
                    Lincoln County Wayno
 Coal Rights
                    W. Va. Conservation Commission,
                   Charleston 5, W. Vr.
Commenced
                    8/21/51
Comploted
                    10/21/51
Date Shot
                    10/22/51 from 3451 to 2720
                    With 7,050# detonite
Volumo
                   Beret & Shile 120M C F
Rock Pressure
                   263 lbs. 48 hrs.
Surface
                    0
                           14
Slate
              black 14
                          49
Sand
              chito 49
                           67
Coal
               67
                           70
Slate
                     70
                          175
Sand
              gray 175
                          182
Coal
                    182
                           185
Sand & Slate wh.
                    185
                          480 water 2271
                                          2 BPH
Coal
              black 480
                          483
Slate
              gray 483
                          490
Sand
              white 490
                          540
Slate
             bl..ck 540
                          570
Sand
             wh. 570
                          625 m or 580-600 1 BPH
Slato
              gray 625
                         635
Sand,
 Sl. & shs. dark 635
                          797
              white 797
sand
                        817
Slate
             dark 817
                          834
Lime shell
                    834
                          854
Slate
                          902
             black 854
Sand
              white 902
                          950
Slato & shs. black 950
                          1049
                    1049 1068
Unrecorded
Slo & shso
              black 1068 1112
                          1193
Slate & sand white 1112
Salt sand white 1193
Slate & shs. black 1621
Little Lime black 1684
                                                                   ....
                          1621 water 1194 filling up hole
                                                                   1. . .
                          1684
                                                                 - 4 - "
                          1709
Pencil cave
                    1709 1712
              yol. 1712 1775
Big Limo
Slate break
                    1775
                          1776
Big Limo
                    1776 1918 gas 1845 show
             rod 1918 1949
McCrady
            who er 1949
Injun sand
                          2022
Slate
             black 2022 2036
Slate & sh. gray 2036 2361
Shells dark 2361 2390
Slate & shs. dark 2390 2461
Brown shale brown 2461 2496
              gray 2496 2499 gas 2496 show
Berea sand
                          2520 ges 2507-20 show
Beren sand
              light 2499
Slute & shs. white 2520 2532
Boroa sholls white 2532
                          2548
Slate & shs. white 2548 2590
Brown shale brown 2590 2660 gas show 2731
Slate & shell white 2660 2875 gas show 2843-88
                                                           RECEIVED 03/17/2017
Brown shale brown 2875
                           3075
                                                      Office of Oil and Gas
Shale
              white 3075
                           3113
Brown shale brown 3113 3428 gas 3152 show
             white 3428 3451 gas 3425 show
Slato
                                                           JAN 11 2017
                           3451 Test before shot 5M
Total Depth
                                1 Hr. after shot 275 M
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WV Department of Environmental Protection

1) Date January 6	9900793P
2) Operator's	
Well No. Wilson Co	oal #58
3) API Well No. 47-0	99 - 00793

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

#### APPLICATION FOR A PERMIT TO PLUG AND ABANDON

5)	Location: Elevation 1050.4	18'	Watershed Unnam	ed tributary of Missouri Branch
	District Lincol	1	County_Wayne	Quadrangle Radnor
6)	Well Operator Cabot Oil & Gas	S Corporation	7) Designated Age	ent Phillip Hill - Cabot Oil & Gas Corporation
	Address 2000 Penn Cen	ter, Suite 300	Addre	900 Lee Street East, Suite 1500
	Pittsburgh, PA	15275	_	Charleston, WV 25301
3)	Oil and Gas Inspector to b	e notified	9) Plugging Contr	sactor
	Name Allen Flowers		Name Con	tractor Services, Inc.
	Address 165 Grassey Lick Lar	ne	Address 9	29 Charleston, Road
	Liberty, WV 25124		S	pencer, WV 25276
	Liberty, WV 25124  Work Order: The work orde  See Attached Sheet	r for the mar		pencer, WV 25276
	Work Order: The work orde	r for the mar		pencer, WV 25276
	Work Order: The work orde			pencer, WV 25276
0)	Work Order: The work order  See Attached Sheet  RECEIVED			pencer, WV 25276

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

Work order approved by inspector

Men Fowers Date 1-18-2017

03/17/2017

00793

WW-4A Revised 6-07

1) Date:	January 6, 2017	
2) Operator	r's Well Number	
Wilson Coal #	#58	

099

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

3) API Well No.: 47 -

	) Name	ner(s) to be served:  State of West Virginia, Cabwaylingo State Forest  5) (a)	Coal Operator Name	Not Operated	
A	ddress	Office of Land & Streams,	Address		
		324 Fourth Ave., Room 200, South Charleston, WV 25303			
(b	) Name	Harvey & Ruby Marcum & Ernest Marcum Estate	(b) Coal Ow	ner(s) with Declaration	
A	ddress	Rt. 1 Box 19-B	Name	State of WV, Office of Land	& Streams
		Dunlow, WV 25511	Address	324 Fourth Ave., Room 200	
				South Charleston, WV 2530	)3
(c	) Name	Argus Energy, LLC	Name		
A	ddress	P.O. Box 416	Address		
		Kenova, WV 25530			•
6) Ins	spector	Allen Flowers	(c) Coal Less	see with Declaration	/
Ad	ldress	165 Grassy Lick Lane,	Name	Rum Creek Coal Sales, Inc.	Argus Energy, LLC
		Liberty, WV 25124	Address	One Alpha Place	P.O. Box 416
Te	lephone	(304) 552-8308		Bristol, VA 24209	Kenova, WV 25530
TO '	(1) The a well i (2) The p	RSONS NAMED ABOVE: You supplication to Plug and Abandon a Well on Formuts and the plugging work order; and clat (surveyor's map) showing the well location of you received these documents is that you have rights on are not required to take any action at all.	n WW-4B, which on Form WW-6.	sets out the parties involved in the	work and describes the

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

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

By: Kenneth L. Marcum Regulatory Supervisor Its: 2000 Park Lane, Suite 300 Address Pittsburgh, PA 15275

Well Operator Cabot Oil & Gas Corporation

(412) 249-3850 Telephone

Subscribed and sworn before me this

day of

Notary PubliRECEIVED

November 16, 2017 My Commission Expires

Office of Oil and Gas

Oil and Gas Privacy Notice

JAN 1 1 2017

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 the propriately secure your personal information. information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov. 03/17/2017

99	00	793	P
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API Number 47 -	099	_ 00793
Operator's	Well No.	Wilson Coal 58

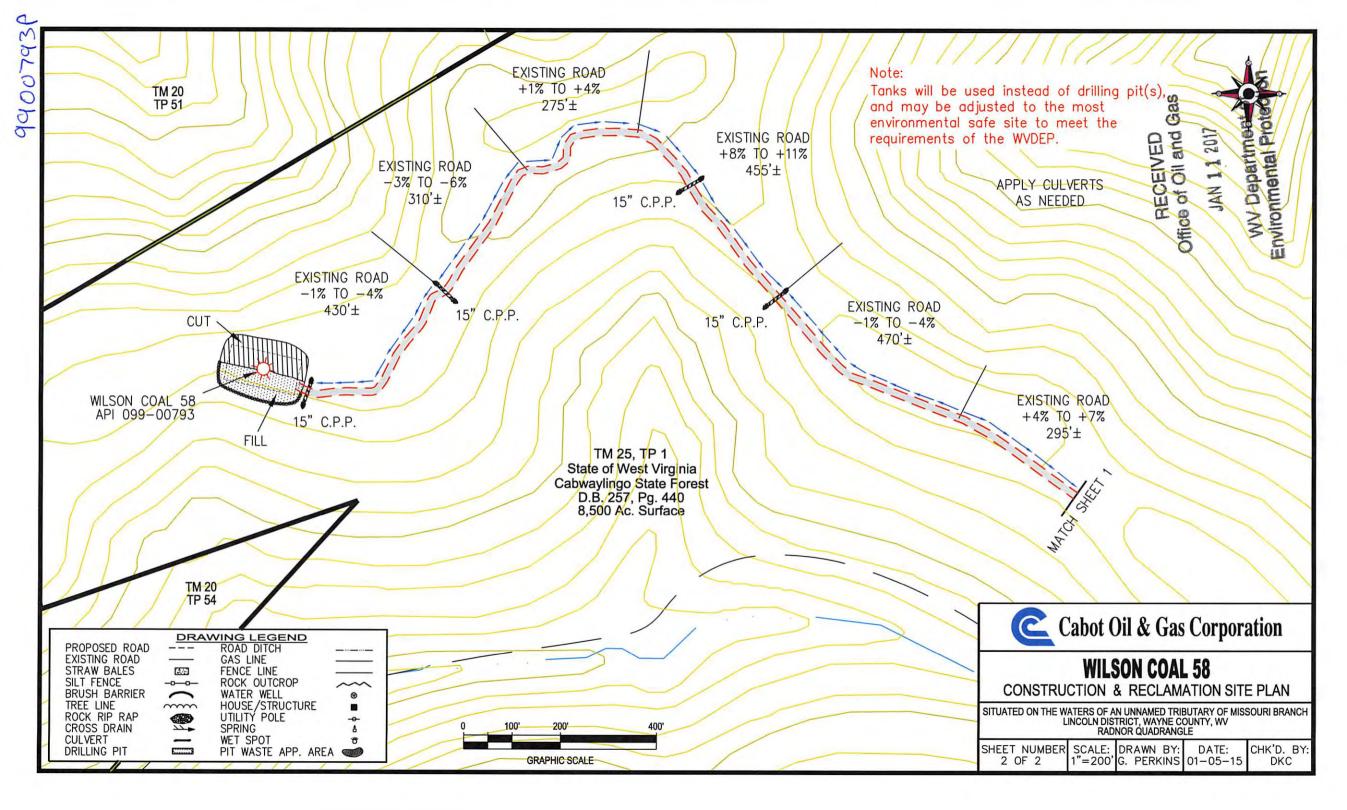
### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

#### FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name_Cabot Oil & Gas	Corporation	OP Code 08145
Watershed (HUC 10)_Unname	d Tributary of Missouri Branch	Quadrangle Radnor
Elevation 1,050'	County_ Wayne	District_ Lincoln
Do you anticipate using more the Will a pit be used? Yes	nan 5,000 bbls of water to complete	the proposed well work? Yes No V
If so, please describe a	inticipated pit waste:	
Will a synthetic liner b	be used in the pit? Yes No	If so, what ml.?
Land Und Reus	ethod For Treated Pit Wastes:  I Application erground Injection ( UIC Permit Nu se (at API Number Site Disposal (Supply form WW-9 f er (Explain No treated pit wastes will	ANY WELL EFFLUENT WILL BE DISPOSED OF OFFEITE, PRO  or disposal location) be produced
Will closed loop system be use	d? If so, describe: N/A	
Drilling medium anticipated fo	r this well (vertical and horizontal)?	Air, freshwater, oil based, etc. no drilling proposed
기가 있는 사람들은 이 경우에 이렇게 되었다.		ite, etc. No cuttings produced during plugging operation
		d? (cement, lime, sawdust)
and the second s		
-Landfill or offsite na	ne/permit number?	
on August 1, 2005, by the Offi- provisions of the permit are er law or regulation can lead to er I certify under penalt application form and all attac obtaining the information, I be	ce of Oil and Gas of the West Virgin aforceable by law. Violations of any aforcement action. y of law that I have personally ex- changes thereto and that, based or	itions of the GENERAL WATER POLLUTION PERMIT issued in Department of Environmental Protection. I understand that the y term or condition of the general permit and/or other applicable amined and am familiar with the information submitted on this may inquiry of those individuals immediately responsible for accurate, and complete. I am aware that there are significant of fine or imprisonment.
Company Official Signature_	James Ustan	
Company Official (Typed Nar	ne) Kenneth L. Marcum	
Company Official Title Regu	latory Supervisor	
Subscribed and sworn before in  Ondate  My commission expires 11/16/2	ne this 6 th day of C. Carden	Notary Public Constance C. Carden, Notary Public My Commission Expires Nov. 20, 20

Operator's Well No. Wilson Coal 58

t lbs/acre
lbs/acre
- 5) (Fescue - 40
te Clover - 5)
Sweet Clover - 5
foot Trefoil - 10
RECEIN Office of Oil JAN 1.8



#### **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 THE 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

THE ROADWAY OR THE LOCATION.

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. 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

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.

TABLE 11-4 SPACING	G OF CROSS DRAINS
ROAD GRADE (%)	DISTANCE (FT)
1	400
2	250
5	135
10	80
15	60
20	45

TABLE 11-7 SPAC	ING OF CULVERTS
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 BRUSH BARRIER TREE LINE ROCK RIP RAP CROSS DRAIN CULVERT DRILLING PIT ROAD DITCH GAS LINE GAS LINE
FENCE LINE
ROCK OUTCROP
WATER WELL
HOUSE/STRUCTURE
UTILITY POLE 0 SPRING WET SPOT PIT WASTE APP. AREA

#### DRIVING DIRECTIONS FOR WILSON COAL

1.)

FROM WAYNE, WV DRIVE SOUTH ON STATE ROUTE 152 FOR 24 MILES± TO SECONDARY ROUTE 35. TURN LEFT AND CONTINUE SOUTH ON SECONDARY ROUTE 35 FOR 0.8 MILES± TO AN EXISTING COAL HAUL ROAD.

3.) TURN LEFT ONTO THE COAL HAUL ROAD AND CONTINUE IN AN EASTERLY DIRECTION FOR 1.2 MILES± TO AN EXISTING GRAVEL ROAD ON THE LEFT.

4.) TURN LEFT ONTO THE EXISTING GRAVEL ROAD AND CONTINUE IN A WESTERLY DIRECTION FOR 0.8 MILE± TO THE EXISTING WELL SITE AS SHOWN ON THE "CONSTRUCTION AND RECLAMATION PLAN".

RECEIVE 3/17/2017 Office of Oil and Gas

JAN 1 1 2017

WV Department of



WILSONICOAL LINCOLN DISTRICT, WAYNE COUNTY, W.VA

RADNOR 7.5' QUADRANGLE

