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**west virginia** department of environmental protection

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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

April 18, 2014

**WELL WORK PERMIT**  
**Coalbed Methane / Horizontal**

This permit, API Well Number: 47-10903118, issued to ULTRA PRODUCTION COMPANY, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin  
Chief

Operator's Well No: 9K-A  
Farm Name: U.S. STEEL MINING COMPANY, I  
**API Well Number: 47-10903118**  
**Permit Type: Coalbed Methane / Horizontal**  
Date Issued: 04/18/2014

**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. Failure to adhere to the specified permit conditions may result in enforcement action.

## CONDITIONS

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

1536 check  
900.00

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**COALBED METHANE PERMIT APPLICATION**

- 1) Well Operator: ULTRA PRODUCTION COMPANY, LLC      2) Well Name 9K-A
- 3) Operator's Well Number 9K-A      4) Elevation 2066
- 5) Proposed Target Formation(s), Depths and Thickness:  
POCAHONTAS 3 COAL SEAM , 1326' DEPTH , 5' THICKNESS

- 6) Proposed Total Depth: 1326 feet
- 7) Approximate Fresh Water Strata Depths: 200'
- 8) Approximate Salt Water Depths: N/A
- 9) Approximate Coal Seam Depths: 577,662, 943, 1061, 1214, 1326, 1340
- 10) Does Land Contain Coal Seams Tributary to Active Mines? Yes X / No        /
- 11) (a) Proposed Well Work: DRILLING HORIZONTAL COMPONENTS OF 9K-B AND 9K-C WELLS  
 (b) If Stimulation Proposed, Describe Means to be Used to Stimulate Well: N/A
- 12) (a) Does the proposed operation plan to convert an existing well (as defined in W. Va. Code § 22-21) or a vertical ventilation hole to a coalbed methane well? Yes    / No x /  
 (b) If yes, please attach to this Application a list of all formations from which production is anticipated and a description of any plans to plug any portion of the well.
- 13) (a) Will the proposed coalbed methane well be completed in some but not all coal seams for production (except for a gob well or vent hole proposed to be converted to a well)?  
 Yes X / No        /  
 (b) If yes, please attach to this Application a plan and design for the well which will protect all workable coal seams which will be penetrated by the well.
- 14) (a) Does the proposed operation include horizontal drilling of a well commenced on the surface?  
 Yes X / No        /  
 (b) If yes, please attach to this Application a description of such operations, including both the vertical and horizontal alignment and extent of the well from the surface to total depth.

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4/15/2014  
9:40 AM FOR ROSS ELLER

**CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For Drilling	Left in Well	Fill-up (cu. ft.)
Conductor	16		37 LBS	50'	50'	18'
Fresh Water	9 5/8"		26 LBS	300'	300'	113'
Coal	7"		23 LBS	1100'	1100'	232'
Intermediate						
Production						
Tubing						
Liners						

**PACKERS:**

N/A	

**FRESH WATER DEPTH**

250'	

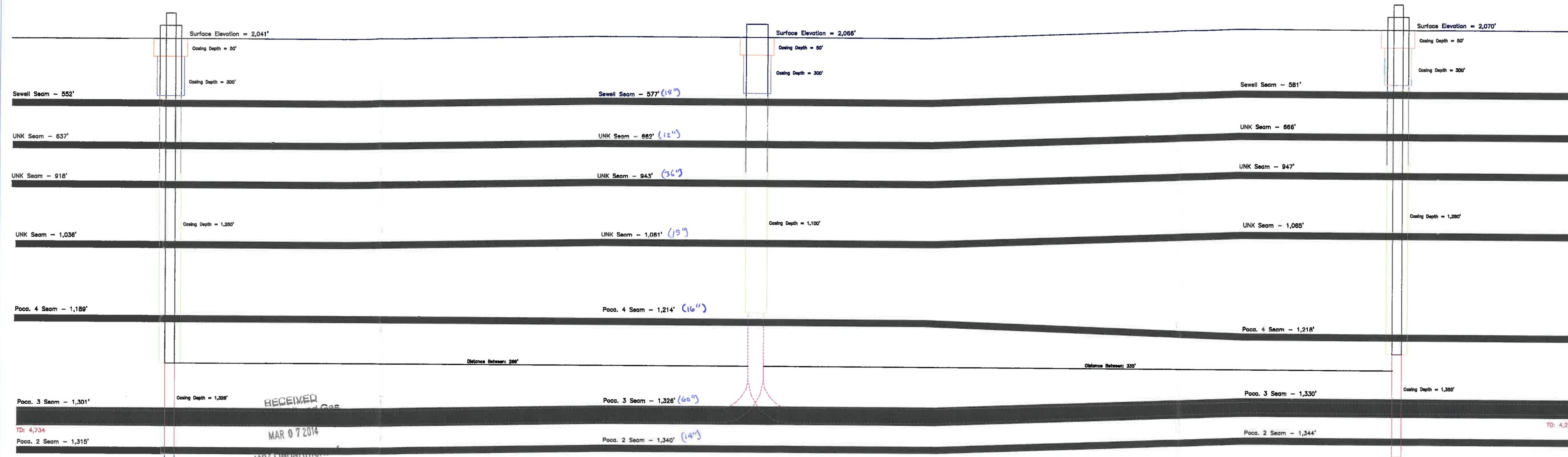
Coal Seam Name	Top	Bottom	Target
SEWELL	577	578.45	NO
UNKNOWN	662	663	NO
UNKNOWN	943	945.95	NO
UNKNOWN	1061	1062.25	NO
POCAHONTAS 4	1214	1215.35	NO
POCAHONTAS 3	1326	1331	NO
POCAHONTAS 2	1340	1341.15	NO

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WELL NO. CBM-9K-B

WELL NO. CBM-9K-A

WELL NO. CBM-9K-C



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- LEGEND**
- Coal Seam
  - 16" Diameter Casing
  - 9.5/8" Diameter Casing
  - 7" Diameter Casing
  - 2 7/8" Diameter Casing

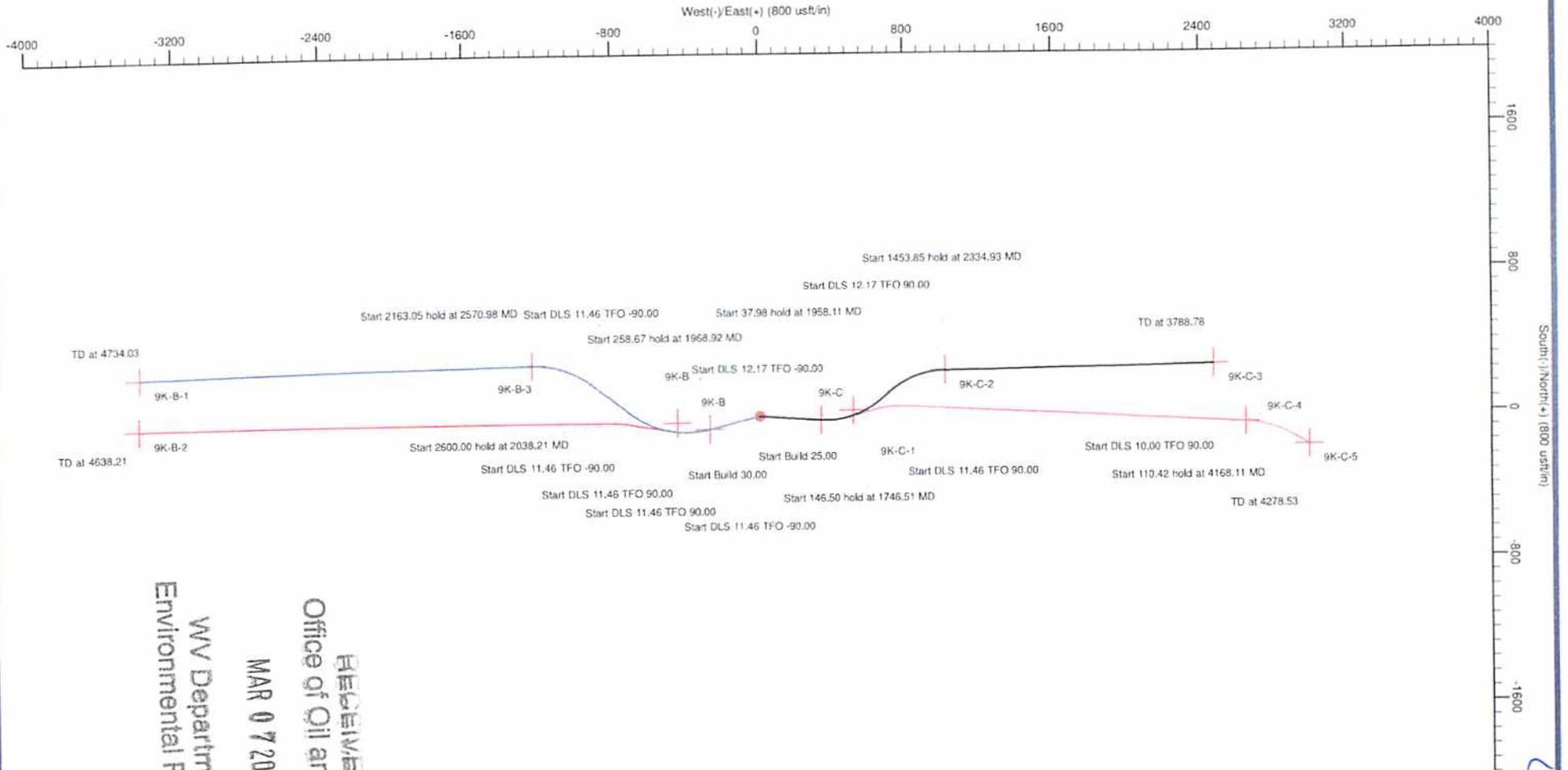
SCALE: NTS	ULTRA PRODUCTION CO., LLC	DRAWN BY: BCB
DATE: 10/03/13	P.O. DRAWER U OAKWOOD, VA. 24631	FILE: Well Profile
D. R. PRICE ENGINEERING & LAND SURVEYING, INC., PC P. O. BOX 1270, HONAKER, VA. 24639 PHONE: 703-881-8100 FAX: 703-881-8103		

TD: 4,278

Ultra Pipeline  
Wyoming County, WV  
9-K



Plan #1  
GL: 2066.2



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Note: All lease lines and hand lines are arbitrary and are subject to customer approval.

(PLAN VIEW)  
10903118 CB411

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

NOTICE AND APPLICATION FOR A COALBED METHANE WELL PERMIT

✓ 4) Surface Owner(s):  
(a) Name PINNACLE LAND CO.  
Address P.O. Box 446  
MAN, WV 25635

(b) Name \_\_\_\_\_  
Address \_\_\_\_\_

(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

(d) Natural Gas Owner(s):  
Name PINNACLE LAND CO.  
Address P.O. BOX 446  
MAN, WV 25635

Name \_\_\_\_\_  
Address \_\_\_\_\_

✓ (e) Natural Gas Lessee(s):  
Name CNX GAS COMPANY, LLC  
Address 2481 JOHN NASH BLVD.  
BLUEFIELD, WV 24701

✓ 5) Other Parties Noticed:  
(a) Coal Owner(s):  
Name WPP, LLC  
Address 5260 IRWIN ROAD  
HUNTINGTON, WV 25705

Name \_\_\_\_\_  
Address \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

✓ (f) Natural Gas Operator(s):  
Name CNX GAS COMPANY, LLC  
Address 2481 JOHN NASH BLVD.  
BLUEFIELD, WV 24701

✓ (b) Coal Lessee(s):  
Name PINNACLE MINING CO.  
Address P.O. BOX 338  
PINEVILLE, WV 24874

Name \_\_\_\_\_  
Address \_\_\_\_\_

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MAR 07 2014  
6) Inspector ROSS ELLER  
Address 601 57TH STREET, SW  
CHARLESTON, WV 25304  
Telephone 304-932-6844  
WV Department of Environmental Protection

✓ (c) Coal Operator(s):  
Name PINNACLE MINING CO.  
Address P.O. BOX 338  
PINEVILLE, WV 24874

Name \_\_\_\_\_  
Address \_\_\_\_\_

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](mailto:depprivacyofficer@wv.gov).

Page 4 of \_\_\_\_  
WW-5A (8/1998)  
Owner, Operator and Lessee Copy

1) Date: \_\_\_\_\_  
2) Operator's well number \_\_\_\_\_  
9K-A  
3) API Well No: 47- \_\_\_\_\_ - \_\_\_\_\_  
State County Permit

**TO THE PERSONS NAMED ABOVE - TAKE NOTICE THAT:**

The well operator named below is applying for a permit from the State of West Virginia to commence, operate, deepen or stimulate a coalbed methane well, to conduct horizontal drilling of a coalbed methane well commenced from the surface or to convert an existing well or vent hole to a coalbed methane well.

Well Operator: ULTRA PRODUCTION COMPANY, LLC  
By: KARL HROVATIC  
Its: BUSINESS DEVELOPMENT MANAGER

Well Operator Designated Agent:  
Name: Dianna Stamper  
Address: 5400 D Big Tyler Road  
Cross Lanes, WV 25313  
Telephone: 304-776-2852

(7) The well operator certifies that pursuant to W. Va. Code §22-21-9, copies of this Notice and application, a location plat, erosion and sediment control plan have been served on the above-named parties by:

- Personal Service (affidavit attached)
- Certified Mail (return receipt requested)

(8) The well operator certifies that, as required by W. Va. Code §22-21-9(c), this Notice and Application has been or within ten days of filing will be published in a newspaper of general circulation in the county in which the proposed Coalbed Methane well is to be located all information required by statute and the West Virginia Department of Environmental Protection, Office of Oil and Gas.

- Affidavit of Publication (attached)
- Affidavit of Publication (forthcoming)

Subscribed and sworn before me this 5<sup>th</sup> day of March 2014

Carolyn J. Heskin Notary Public.

My commission expires Sept 30, 2015.





Page 6 of \_\_\_\_\_  
WW-5A (8/1998)  
Owner, Operator and Lessee Copy

1) Date: \_\_\_\_\_  
2) Operator's well number \_\_\_\_\_  
9K-A  
3) API Well No: 47- \_\_\_\_\_ - \_\_\_\_\_  
State County Permit

**VOLUNTARY STATEMENT OF NO OBJECTION**  
**BY PERSON RECEIVING NOTICE OF CBM WELL PERMIT APPLICATION**

I hereby state that I have read these Instructions and that I have received copies of the Notice and Application for a Coalbed Methane Well Permit, and accompanying materials, including a survey plan and a soil and erosion plan, all for proposed coalbed methane well work as described therein.

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 based on those materials.

I further state that I am aware that the proposed well is within 1,600 feet of another CBM well, and I have no objection to this spacing.

FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

	Date		Company Name	
Signature			By	
			Its	Date
				Date
			Signature	Date

**IMPORTANT:** If you have been notified by the well operator of the proposed coalbed methane well and you signed the Voluntary Statement of No Objection to the planned work described in these materials, then the permit may be issued at any time. 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 Office of Oil and Gas.

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Office of Oil and Gas  
  
MAR 07 2014  
  
WV Department of  
Environmental Protection

**WW-2A Coal Waiver**

**COAL OPERATOR, OWNER, OR LESSEE WAIVER**

County WYOMING  
Operator Ultra Production Company, LLC Operator's Well Number 9K-A

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0499 extension 1654

**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. 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.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

	Date		Company Name	
Signature			By	
			Its	Date
				Signature
				Date

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**Office of Oil and Gas**  
**MAR 07 2014**  
**WV Department of**  
**Environmental Protection**



P.O. Drawer U  
Oakwood, Virginia 24631  
Telephone (276) 345-9161  
Telefax (540) 301-5996

109 03117  
109 03118  
109 03119

April 14, 2014

Office of Oil and Gas  
West Virginia DEP  
601 57<sup>th</sup> Street, SW  
Charleston, WV 25304

**RE: Horizontal CBM Well Permit Application for 9K-A, 9K-B and 9K-C**

Please find enclosed the Affidavit of Publication and a sample of the publication of the above referenced permit packages. Should you have any questions concerning these forms or the applications in general, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andy Hrovatic", is written over a horizontal line.

Andy Hrovatic  
Ultra Production Company, LLC  
Cell: 276-970-6431  
Email: [ahrovatic@ultraproductioncompany.com](mailto:ahrovatic@ultraproductioncompany.com)

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APR 15 2014  
WV Department of  
Environmental Protection

10903117  
10903118  
10903119

AFFIDAVIT OF PUBLICATION

I, Norman O. Sinclair Regional Director of the The Williamson Daily News (Mingo County), Logan Banner (Logan County), Coal Valley News (Boone County), Gilbert Times (Mingo County) and Independent Herald (Wyoming County) West Virginia, do hereby certify that the annexed notice was published in said paper for 3 successive time(s)

Independent Herald 3/26, 4:2, 9

Given under my hand this 9<sup>th</sup> day April, 2014

*[Handwritten Signature]*

State of West Virginia  
to-wit:

Subscribed and sworn before me this 9 day of April, 2014



*Lucinda Faye Hawkins*

Notary Public for West Virginia

Cost of Publication \$ 109.85

Copy of Publication  
See attached

RECEIVED  
Office of Oil and Gas

APR 15 2014

WV Department of  
Environmental Protection

WW-5C (8/1998)

**CONSENT AND AGREEMENT TO DRILL  
A HORIZONTAL DEGASIFICATION BOREHOLE**

We, the undersigned \_\_\_\_\_ of coal seams located on certain tracts or parcels of land in CENTER District of WYOMING County, State of West Virginia, have received a "notice and Application to Drill" a Horizontal Degasification Borehole No. 9K-A in which stimulation of the POCAHONTAS #3 coal seam is proposed do hereby consent and agree to stimulation of the coal seam pursuant to West Virginia Code § 22-21-7.

Owner Name: \_\_\_\_\_

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

STATE OF WEST VIRGINIA

COUNTY OF \_\_\_\_\_, to-wit:

I, \_\_\_\_\_, a Notary Public of said County, do hereby certify that \_\_\_\_\_, who signed the writing above for \_\_\_\_\_ bearing date the \_\_\_ of \_\_\_\_\_, 20\_\_\_, has this day in my said County, before me, acknowledged the said writing to be the act and deed of said corporation.

Given under my hand and official seal this the \_\_\_ day of \_\_\_\_\_, 20\_\_\_.

My commission expires \_\_\_\_\_

\_\_\_\_\_

Notary Public

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Office of Oil and Gas  
MAR 07 2014

WV Department of  
Environmental Protection

{SEAL}

WW-71CBM  
(Rev. 5/98)

**COALBED METHANE WELL WORK  
PERMIT APPLICATION NOTICE BY PUBLICATION**

Notice is hereby given:

Pursuant to West Virginia Code 22-21-9, notice is hereby given that the undersigned well operator-applicant proposes to file a Notice of an Application for a Coalbed Methane Well Permit, a plat or map showing the well location, and (unless the application is to plug a well) a Construction and Reclamation Plan with the Chief of the Office of Oil and Gas of the West Virginia Department of Environmental Protection, with respect to a well on the surface of a tract of land described as follows:

Acres 28,745.85 ACRES  
Watershed TURKEYWALLOW BRANCH OF INDIAN CREEK  
District CENTER  
County WYOMING  
Public road access SMYRNA ROAD FROM ROUTE 16  
Generally used farm name U.S. STEEL MINING COMPANY

The well work for which a permit is sought is generally described as follows:

SITE AND ACCESS ROAD CONSTRUCTION, DRILLING AND DEVELOPMENT OF HORIZONTAL COAL BED METHANE PRODUCTION  
FROM THE POCAHONTAS 3 SEAM AND POST DRILLING RECLAMATION.

This publication may be the only notice that surface, gas, coal; and coalbed methane owners of record will receive.

Pursuant to West Virginia Code 22-21-10, (1) The owners of record of the surface of the tract on which the coalbed methane well is to be located; (2) The owners of record of the surface of any tract which is to be utilized for roads or other land disturbance; (3) Each coal owner and each coal operator (i) from whom a consent and agreement provided for in 22-21-7 is required, or (ii) whose coal seam will be penetrated by the proposed coalbed methane well or is within seven hundred fifty feet of any portion of the well bore; and (4) Each owner and lessee of record and each operator of natural gas surrounding the well bore and existing in formations above the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whichever is shallower. may file comments with the chief as to the location or construction of the applicant's proposed well within fifteen days after the application is filed with the chief.

Pursuant to West Virginia Code 22-21-11 the owner or operator of any coal seam whose interests may be adversely affected by a coalbed methane well may, within fifteen days after the application is filed with the chief, file objections in writing to such proposed drilling with the chief, setting out the grounds on which such objections are based.

Copies of the Notice and Application and accompanying documents may be obtained from the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, 601 57<sup>th</sup> St., SE, Charleston WV 25304 (Telephone (304)926-0450).

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Office of Oil and Gas

MAR 07 2014

WELL OPERATOR-APPLICANT ULTRA PRODUCTION COMPANY Department of  
ADDRESS P.O. DRAWER U OAKWOOD, VA 24631 Environmental Protection  
TELEPHONE 276-970-6431

WW-2A1  
(Rev. 1/11)

Operator's Well Number 9K-A

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6, Section 8(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Pinnacle Mining Company, LLC	Ultra Production Company, LLC	See Attachment	See Attachment

SEE ATTACHMENT 1 & 2

**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

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APR 15 2014

WV Department of  
Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:  
By: Its:

  
 \_\_\_\_\_  
 Ultra Production Company, LLC  
 \_\_\_\_\_  
 Business Development Manager



10903118C



Ultra Production Company, LLC  
Attachment for: WV DEP WW-2B1 Form  
Well #: 9K-A

**Water Wells or Springs Located Within 1,000 feet of Proposed Well**

	Type	Owners Name (Last, First)	Address	City, State, Zip Code	Phone Number	Noticed	Sampled	Results Provided	Comments
1									No known wells or springs are within 1,000'

**Water Wells or Springs Located Within 2,000 feet of Proposed Well**

	Type	Owners Name (Last, First)	Address	City, State, Zip Code	Phone Number	Noticed	Sampled	Results Provided	Comments
1	Spring	Smyrna Gospel Ministries	750 Smyrna Rd	Welch, WV 24801	304-732-9204	Yes	Yes		
2	Spring	Stump, Allen	PO Box 511	Pineville, WV 24874	304-732-9204	Yes	Yes		
3	Well	Ford, Anna	852 Smyrna Rd	Welch, WV 24801	304-732-8462	Yes	No	N/A	Well is not in use and could not be accessed; resident is using public water
4	?	Ford, Jimmy	?	?	?	Yes	No	N/A	Refused permission/information for sampling

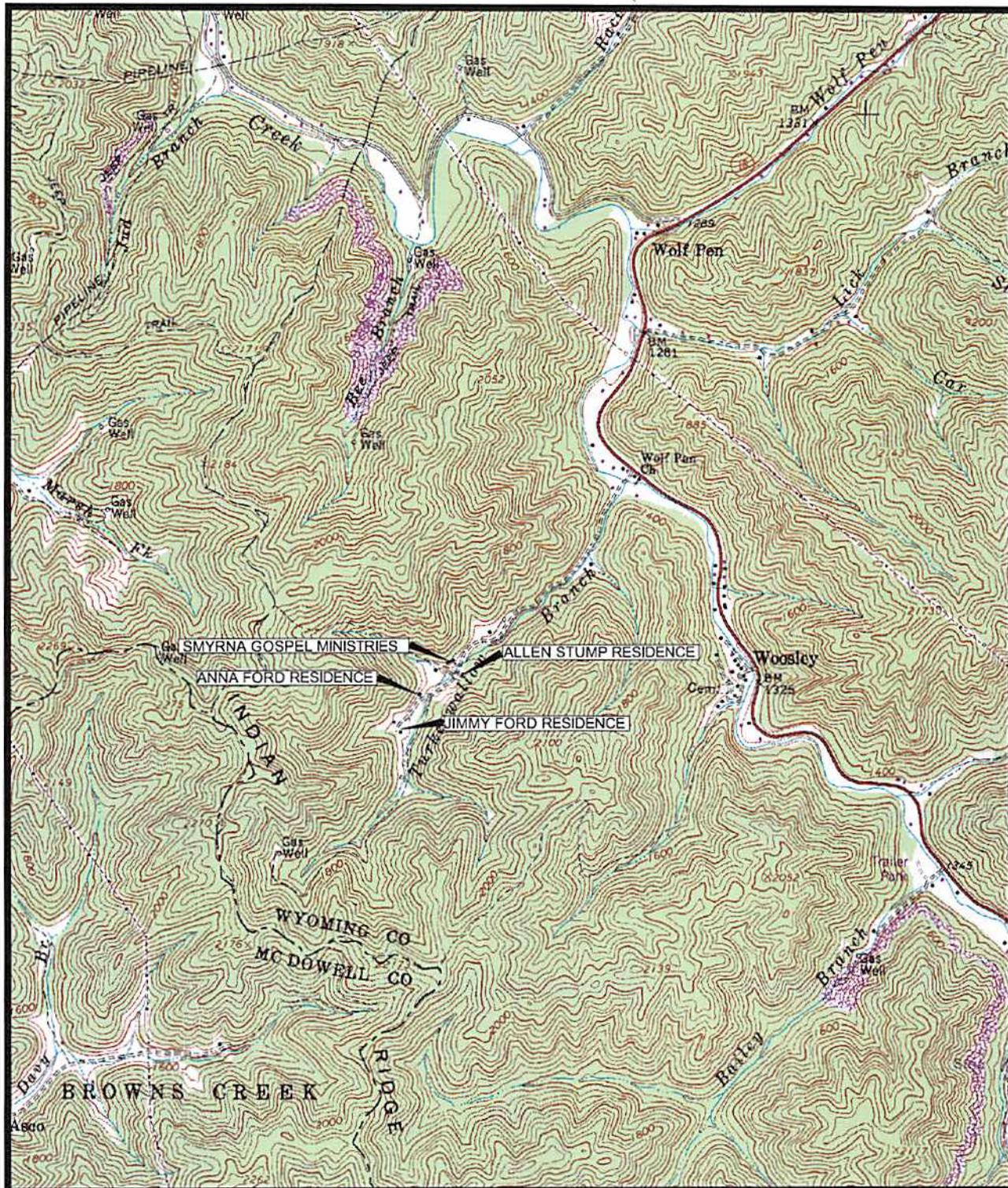
WATER ATTACHMENT

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# WATER ATTACHMENT



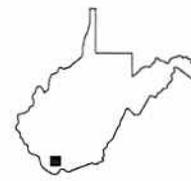
POTABLE WATER SURVEY, ULTRA PRODUCTION, NEAR WOLF PEN, WEST VIRGINIA  
 SOUTHWEST PORTION OF USGS 7.5' PINEVILLE, WV. QUADRANGLE



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 VICINITY MAP

MAP 1

APR 18 2014



WEST VIRGINIA  
 QUADRANGLE LOCATION

WV Department of  
 Environmental Protection

WW-9  
(5/13)

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - \_\_\_\_\_ - \_\_\_\_\_  
Operator's Well No. 9K-A

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Ultra Production Company, LLC OP Code 494507632

Watershed (HUC 10) Turkeywallow Branch of Indian Creek Quadrangle Pineville

Elevation 2060 County Wyoming District Center

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 X No \_\_\_\_\_

If so, please describe anticipated pit waste: Drill Cuttings (Rock & Coal)

Will a synthetic liner be used in the pit? Yes X No \_\_\_\_\_ If so, what ml.? 30 mil

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_ )

Will closed loop system be used? No

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Fresh Water

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

Additives to be used in drilling medium? Drilling Soaps, Polymers

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

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

-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.

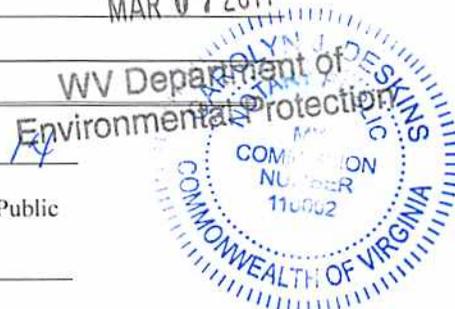
Company Official Signature [Signature]

Company Official (Typed Name) KARL HROVATIC

Company Official Title BUSINESS DEVELOPMENT MANAGER

RECEIVED  
Office of Oil and Gas

MAR 07 2014



Subscribed and sworn before me this 5<sup>th</sup> day of March, 20 14

Cawfa G. Deskins Notary Public

My commission expires Sept. 30, 2015

Form WW-9

Operator's Well No. 9K-A

**Ultra Production Company, LLC**

Proposed Revegetation Treatment: Acres Disturbed 1.5 Prevegetation pH \_\_\_\_\_

Lime 2 Tons/acre or to correct to pH 6.0

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

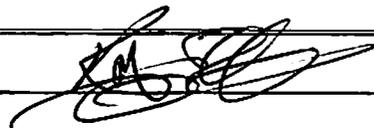
Mulch Fiber Mulch 0.5 Tons/acre

**Seed Mixtures**

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Orchard Grass	6	Orchard Grass	6
Perennial Rye Grass	39	Perennial Rye Grass	39
Red Clover	17	Red Clover	17

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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

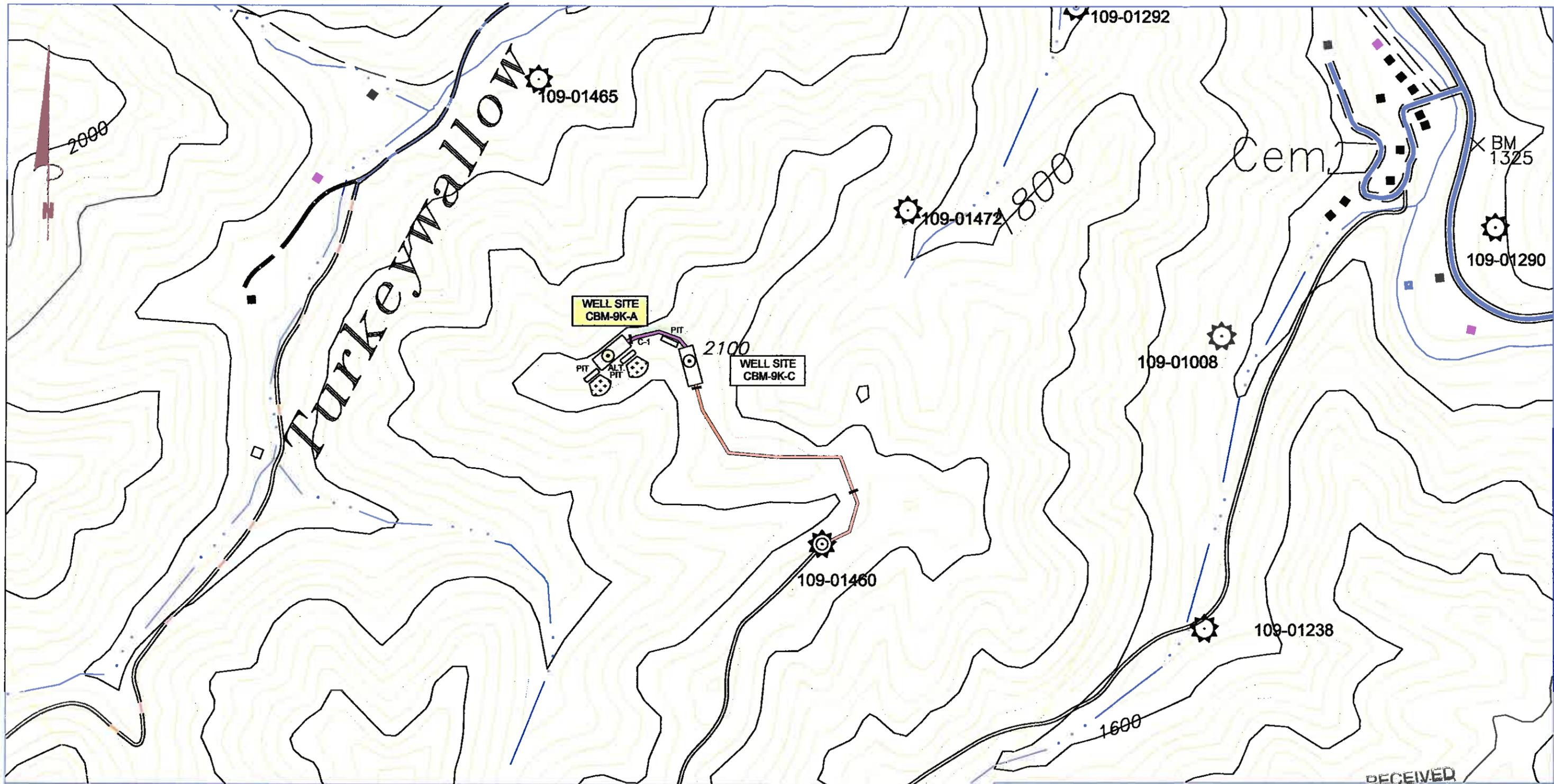
RECEIVED  
Office of Oil and Gas

MAR 17 2014

Title: WV DEP Inspector

Date: 3/17/14 WV Department of Environmental Protection

Field Reviewed?  Yes  No



**LEGEND**

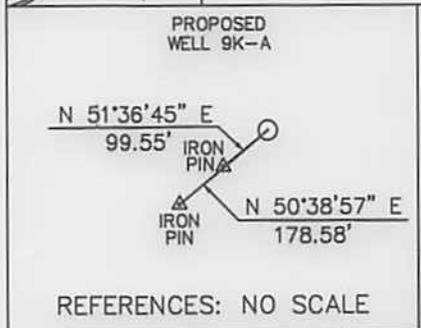
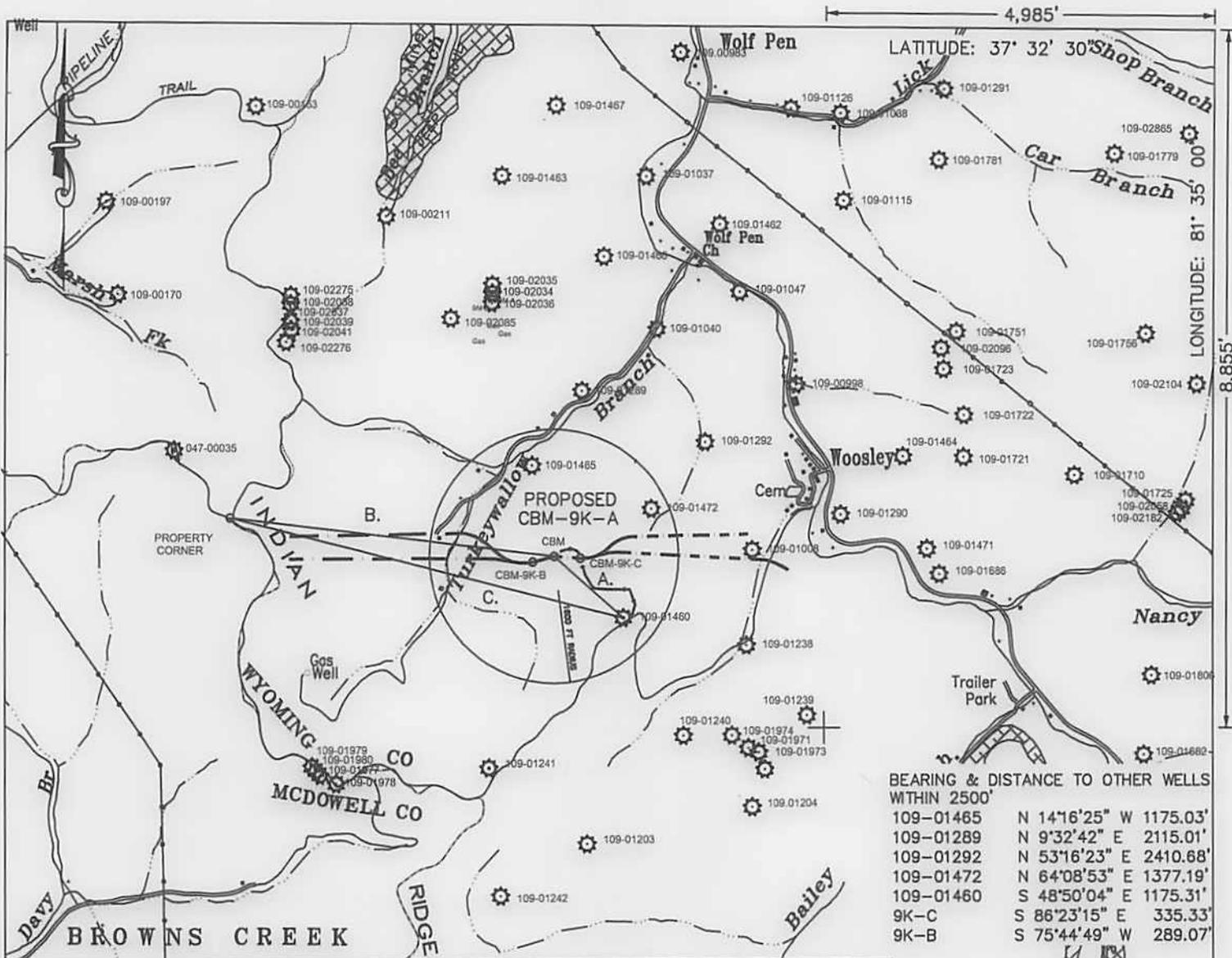
- STATE ROAD
- COUNTY ROAD
- EXISTING ROAD
- NEW ROAD
- CULVERT
- CULVERT NUMBER
- WELL BORE
- NEW ROAD SEGMENT
- SILT FENCE AND OR
- BRUSH BARRIERS
- Pit Discharge Ground Application

*USE ROCK OR RIPRAP*  
 NOTE:  
 STRAW BALES SHALL BE INSTALLED & MAINTAINED AT THE INLET AND OUTLET OF ALL CULVERTS AND AT ALL DRAINAGE WINDOWS UNTIL THE DISTURBED AREA IS STABILIZED.  
 NOTE: SILT TO BE CONTROLLED BY BRUSH BARRIERS AND/OR SILT FENCE, ETC.  
 STRAW BALES TO BE PLACED AT INLET/OUTLET END OF ALL CULVERTS AND DRAINAGE WINDOWS.

ACCESS ROAD LOCATION FROM HANDHELD GPS BY CNX GAS CO.  
 NEW ROAD INFORMATION  
 □ LENGTH % GRADE  
 1 255' 0 - 15  
 LAT: 37.517466875  
 LONG: 81.600359690

<b>LOCATION MAP</b>		<b>RECEIVED</b>
WELL NO. CBM-9K-A		Office of Oil and Gas
SCALE: 1" = 400'	DATE: 10/02/13	MAR 07 2014
ULTRA PRODUCTION CO., LLC P.O. DRAWER U OAKWOOD, VA. 24631		DRAWN BY: GLP FILE: 9K-A EXHIBIT 1
D. R. PRICE ENGINEERING & LAND SURVEYING, INC., PC P. O. BOX 1270, HONAKER, VA 24260 PHONE: (276) 991-9100 FAX: (276) 991-9103		WV Department of Environmental Protection
		<b>EXHIBIT 1</b>





WV SOUTH NAD' 83 COORDINATES

UTM

N 4152448.445

E 446946.273

A. S 48°52'05" E 1174.92'

B. N 83°25'08" W 4191.00'

C. N 76°03'32" W 5201.54'

No known domestic water supplies within 1000 feet.  
 (+) Denotes location of well on USGS map.  
 No horizontal drilling is proposed within 50' radius of existing gas wells located in the Lateral Extents shown.

BEARING & DISTANCE TO OTHER WELLS WITHIN 2500'

NOTE: PROPERTY LINES SHOWN ON THIS PLAT WERE TAKEN FROM MAPS PROVIDED BY ULTRA PRODUCTION CO. LLC. AND WERE NOT SURVEYED

COORDINATES FOR THE EXISTING WELLS WAS TAKEN FROM THE OFFICE OF OIL AND GAS RECORDS

FILE NO. ULTRA PRODUCTION

DRAWING NO. ULTRA

SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1 : 2,500

PROVEN SOURCE OF ELEVATION SURVEYED

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

(SIGNED) [Signature]

R.P.E. \_\_\_\_\_ L.L.S. 1703



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)

DATE FEBRUARY 26, 2014

OPERATOR'S WELL NO. 9K-A

API WELL NO. 47-109-03118 CBM(H)

STATE WV COUNTY WYOMING PERMIT 28745.85

Division of Environmental Protection  
Office of Oil & Gas

WELL TYPE : OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL

( IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW  )

LOCATION: ELEVATION 2066.17' WATER SHED TURKEYWALLOW BRANCH OF THE INDIAN CREEK

DISTRICT CENTER COUNTY WYOMING

QUADRANGLE PINEVILLE, WV

SURFACE OWNER U.S. STEEL MINING COMPANY, LLC ACREAGE \_\_\_\_\_

OIL & GAS ROYALTY OWNER U.S. STEEL MINING COMPANY, LLC. LEASE ACREAGE 28,745.85

LEASE NO. \_\_\_\_\_

PROPOSED WORK : DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

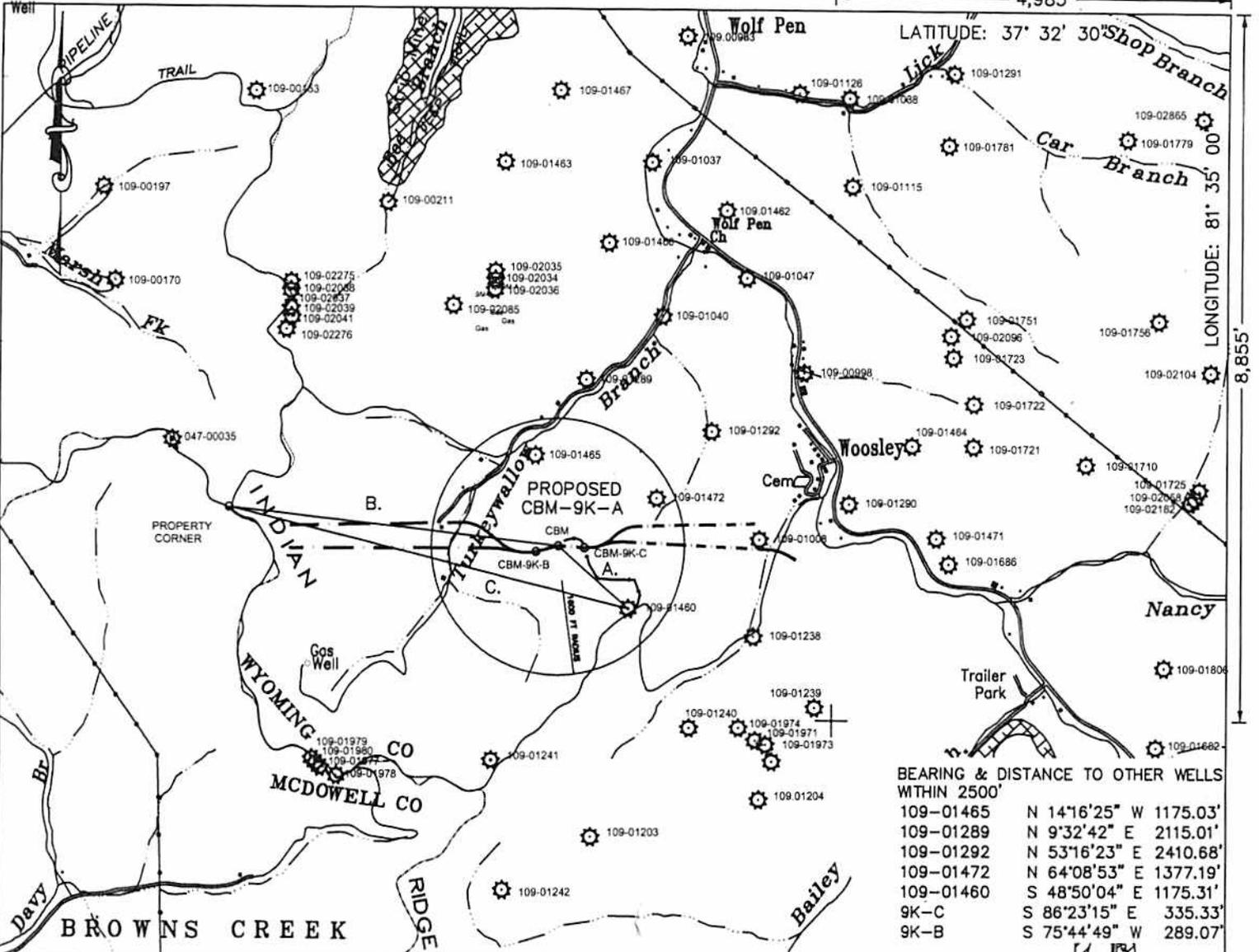
PLUG AND ABANDON  CLEAN OUT AND REPLUG

TARGET FORMATION POCAHONTAS #3 & PENN COALS ESTIMATED DEPTH 1,326'

WELL OPERATOR ULTRA PRODUCTION CO. LLC DESIGNATED AGENT KARI A. HROVATIC

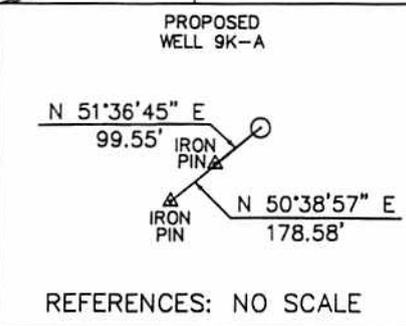
ADDRESS P.O. DRAWER U ADDRESS P.O. DRAWER U

OAKWOOD, VA. 24631 OAKWOOD, VA. 24631



BEARING & DISTANCE TO OTHER WELLS WITHIN 2500'

109-01465	N 14°16'25" W	1175.03'
109-01289	N 9°32'42" E	2115.01'
109-01292	N 53°16'23" E	2410.68'
109-01472	N 64°08'53" E	1377.19'
109-01460	S 48°50'04" E	1175.31'
9K-C	S 86°23'15" E	335.33'
9K-B	S 75°44'49" W	289.07'



WV SOUTH NAD' 83 COORDINATES

N. 188,992.4742	LAT. 37.517466875	UTM	N 4152448.445
E. 1,794,373.1876	LONG. 81.600359690		E 446946.273

A.	S 48°52'05" E	1174.92'
B.	N 83°25'08" W	4191.00'
C.	N 76°03'32" W	5201.54'

No known domestic water supplies within 1000 feet.  
 (+) Denotes location of well on USGS map.  
 No horizontal drilling is proposed within 50' radius of existing gas wells located in the Lateral Extents shown.

NOTE: PROPERTY LINES SHOWN ON THIS PLAT WERE TAKEN FROM MAPS PROVIDED BY ULTRA PRODUCTION CO. LLC. AND WERE NOT SURVEYED  
 COORDINATES FOR THE EXISTING WELLS WAS TAKEN FROM THE OFFICE OF OIL AND GAS RECORDS

FILE NO. ULTRA PRODUCTION  
 DRAWING NO. ULTRA  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1:2,500  
 PROVEN SOURCE OF ELEVATION SURVEYED

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) [Signature]  
 R.P.E. \_\_\_\_\_ L.L.S. 1703

RECEIVED  
 Office of Oil and Gas  
 MAR 07 2014  
 WV Department of Environmental Protection

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (8-78)



DATE FEBRUARY 26, 2014  
 OPERATOR'S WELL NO. 9K-A  
 API WELL NO. 47-109-03118 CBM (+)  
 STATE COUNTY PERMIT

Division of Environmental Protection  
 Office of Oil & Gas

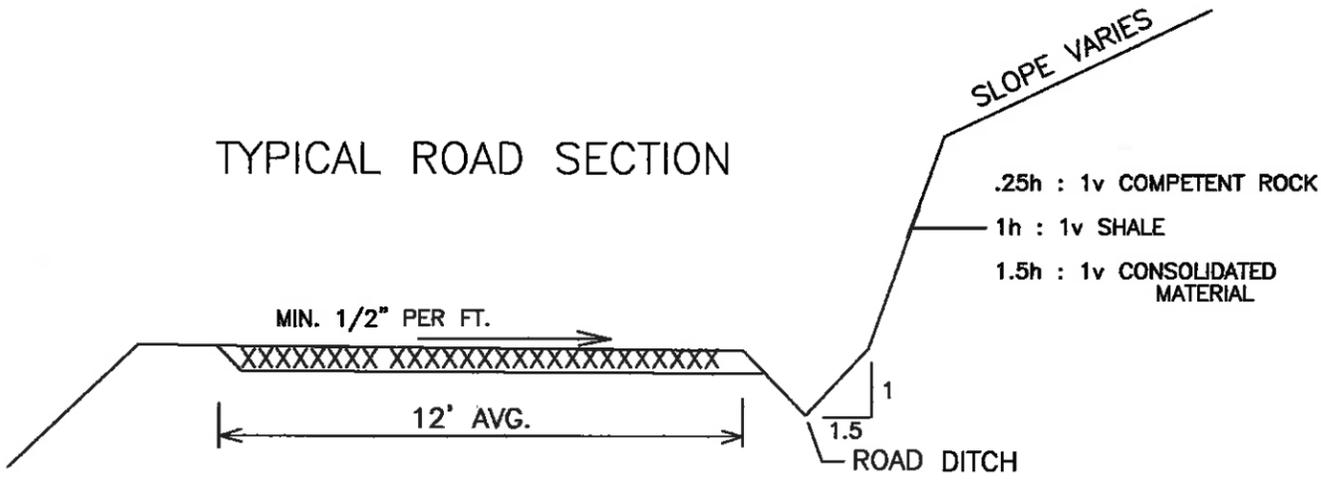
WELL TYPE : OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 ( IF "GAS" , PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X )  
 LOCATION: ELEVATION 2066.17' WATER SHED TURKEYWALLOW BRANCH OF THE INDIAN CREEK  
 DISTRICT CENTER COUNTY WYOMING  
 QUADRANGLE PINEVILLE, WV

SURFACE OWNER U.S. STEEL MINING COMPANY, LLC ACREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER U.S. STEEL MINING COMPANY, LLC LEASE ACREAGE 28,745.85  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK : DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION POCAHONTAS #3 & PENN COALS ESTIMATED DEPTH 1,326'  
 WELL OPERATOR ULTRA PRODUCTION CO. LLC DESIGNATED AGENT KARL A. HROVATIC  
 ADDRESS P.O. DRAWER U ADDRESS P.O. DRAWER U  
OAKWOOD, VA, 24631 OAKWOOD, VA, 24631

TYPICAL ROAD SECTION

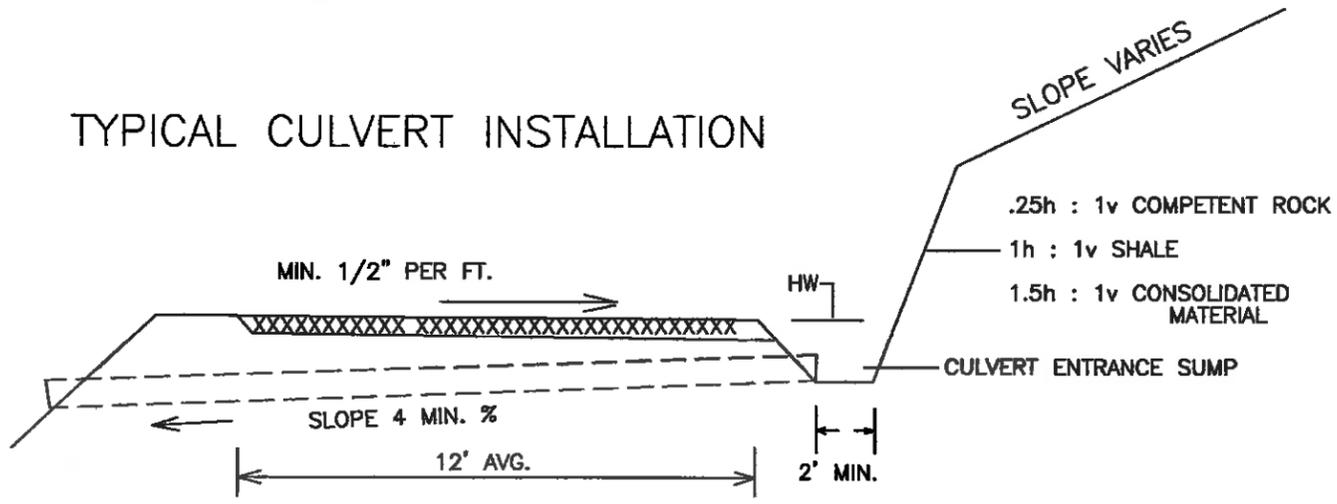


NOTE: SLOPE AND DEPTH OF ALL ROAD DITCHES SHALL BE SUFFICIENT TO HANDLE ANTICIPATED RUNOFF.

CULVERT SCHEDULE

CULVERT I.D. NO.	Q (CFS)	Ø (IN)	MIN. HW (FT.) REQUIRED
C-1	1.05	8	0.65

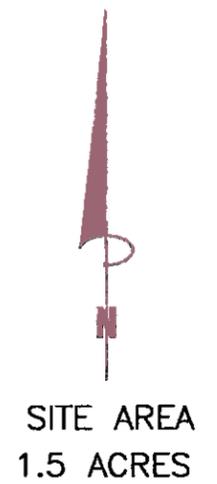
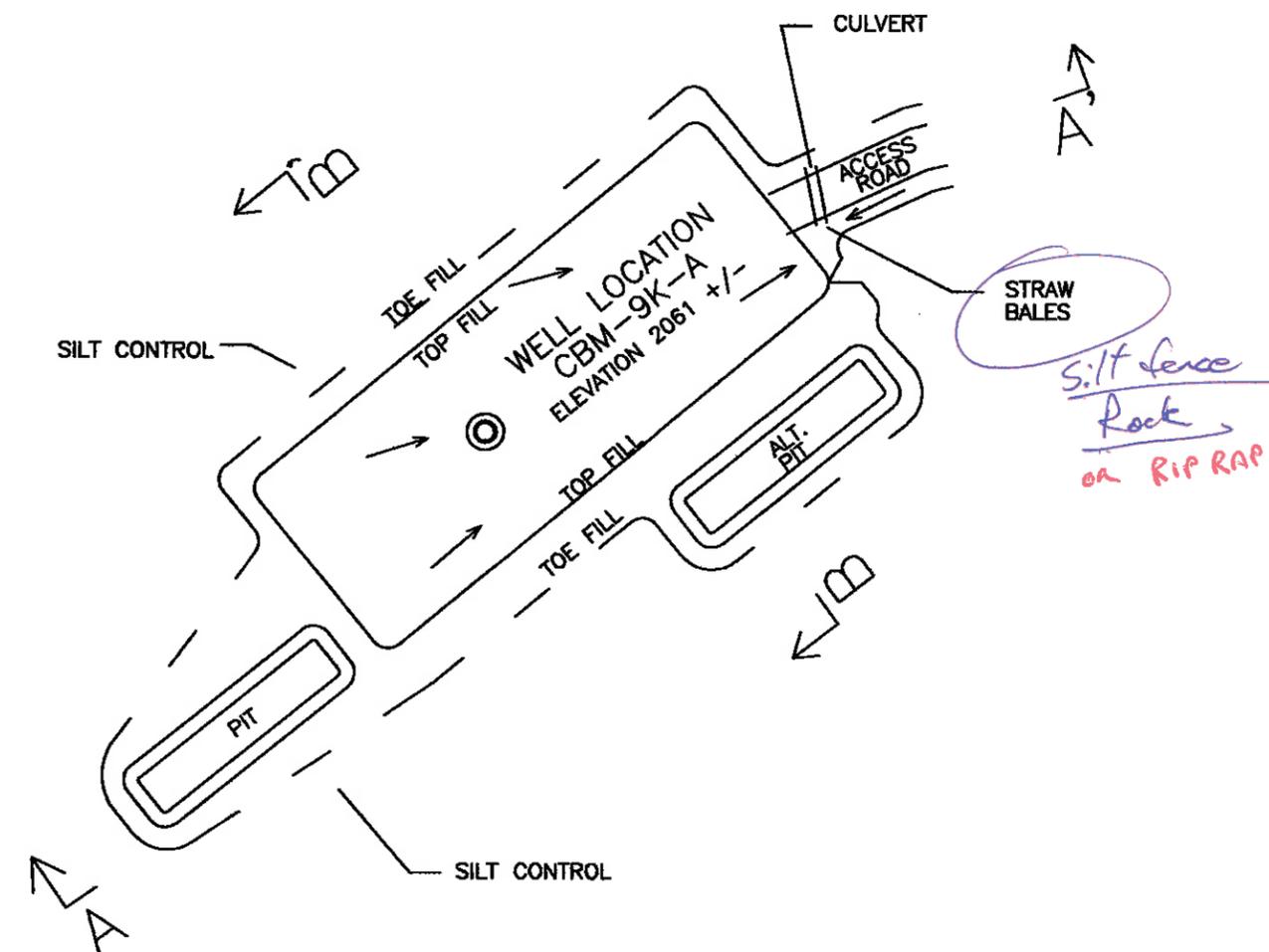
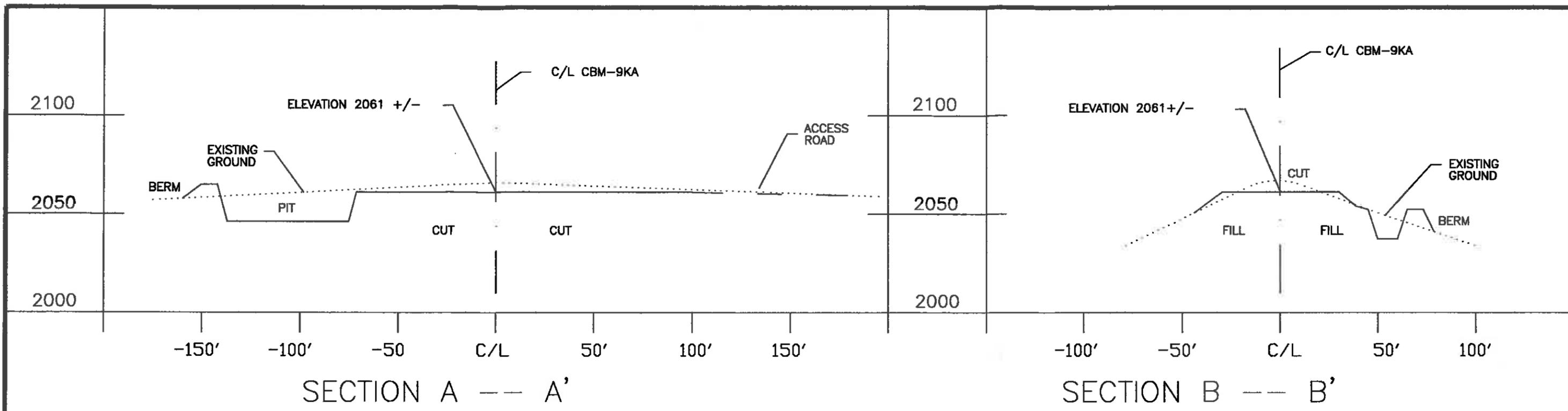
TYPICAL CULVERT INSTALLATION



*9000* USE ROCK OR RIPRAP

NOTES: ~~STRAW BALES~~ TO BE PLACED AT ENTRANCE AND OUTLET OF ALL CULVERTS UNTIL AREA IS STABILIZED. EROSION & SEDIMENT CONTROL WILL BE HANDLED BY WINDROW BRUSH OR SILT FENCING.

ROAD & CULVERT DETAILS WELL NO. CBM-9K-A RECEIVED Office of Oil and Gas MAR 07 2014		
SCALE: NTS	ULTRA PRODUCTION CO., LLC P.O. DRAWER U OAKWOOD, VA. 24631	DRAWN BY WV Department of Environmental Protection FILE: 9K-Exhibit 2
DATE: 10/02/13		
D.R. PRICE ENGINEERING & LAND SURVEYING INC. P.C. P.O. BOX 1270, HONAKER, VA. 24260 PHONE: (276) 991-9100 FAX: (276) 991-9103		EXHIBIT 2



NOTE: SILT TO BE CONTROLLED BY BRUSH WINDROWS AND/OR SILT FENCE, ETC.

SITE PLAN

RECEIVED Office of Oil and Gas MAR 07 2014	
SITE PLAN & X-SECTIONS WELL NO. CBM-9K-A	
SCALE: 1" = 50' DATE: 10/02/13	ULTRA PRODUCTION CO., LLC P.O. DRAWER U OAKWOOD, VA. 24631
DRAWN BY: [Name] Environmental Protection Exhibit 3	
D.R. PRICE ENGINEERING & LAND SURVEYING INC., PC P.O. BOX 1270, HONAKER, VA. 24260 PHONE: (276) 991-9100 FAX: (276) 991-9103	
EXHIBIT 3	



P.O. Drawer U  
Oakwood, Virginia 24631  
Telephone (276) 345-9161  
Telefax (540) 301-5996

March 27, 2014

Office of Oil and Gas  
West Virginia DEP  
601 57<sup>th</sup> Street, SW  
Charleston, WV 25304

**RE: Horizontal CBM Well Permit Application for 9K-A, 9K-B and 9K-C**

Please find enclosed the USPS Return Receipts for all parties listed under form WW-5A of the above referenced permit packages. Should you have any questions concerning these forms or the applications in general, please feel free to contact me.

Sincerely,

Andy Hrovatic  
Ultra Production Company, LLC  
Cell: 276-970-6431  
Email: [ahrovatic@ultraproductioncompany.com](mailto:ahrovatic@ultraproductioncompany.com)

Received  
MAR 31 2014  
Office of Oil and Gas  
WV Dept. of Environmental Protection