

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

September 09, 2014

WELL WORK PERMIT

Coalbed Methane

This permit, API Well Number: 47-10903121, 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.

Phief

James Martin

Operator's Well No: 9J-B

Farm Name: U.S. STEEL MINING COMPANY, I

API Well Number: 47-10903121

Permit Type: Coalbed Methane

Date Issued: 09/09/2014

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 1. 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.
 - 8. This permit is being conditioned to address the possibility of flooding in the area of this well. Any tanks stored on this location must be securely anchored in cement to prevent the loss of tanks should a flood occur. In addition, cages must be placed around the well head to prevent debris from damaging the well head.



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

June 11, 2014

West Virginia Department of Environmental Protection Office of Oil and Gas 601 57th Street, SW Charleston, WV 25304

RE: Horizontal CBM Well Permit Application for 9J-A and 9J-B

Please find enclosed the permit applications for the Horizontal CBM Wells 9J-A and 9J-B. These wells are part of the same grouping and are being developed in conjunction with Pinnacle Mining Company, LLC in order to promote a safer and more efficient production environment for their mining operation. The 9J-A well is planned to have three lateral borings running easterly and intercepting the production well 9J-B. Should you have any questions or concerns in regards to these applications, please feel free to contact me using the information provided below.

Sincerely,

Andy Hrovatic

Ultra Production Company, LLC

Cell: 276-970-6431

Email: ahrovatic@ultraproductioncompany.com

Ficceived

JUN 1 2 2014

Office of Oll and Gas
WV Dept. of Environmental Protection

Page	1	of	
Lugo		v.	

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

l) Well	Operato	r: ULTRA PRODUCTION COMPANY, LLC	2) Well Name 9J-B
3) Open	ator's W	ell Number 9J-B	4) Elevation 2,118
, .		get Formation(s), Depths and Thickness: DAL SEAM, 1408' DEPTH, 1.15' THICKNESS	
6) Prope	osed Tota	al Depth: 1458 feet	
7) Appr	oximate	Fresh Water Strata Depths: 250	
8) Appr	oximate	Salt Water Depths: N/A	
9) Appr	oximate	Coal Seam Depths: 645,730,1011,1129,1282	1388,1408
10)	Does	Land Contain Coal Seams Tributary to Act	tive Mines? Yes X / No/
11)	(a)	Proposed Well Work: DRILLING VERTICA	AL COAL BED METHANE WELL
(b)	If Stir	mulation Proposed, Describe Means to be U	Jsed to Stimulate Well: N/A
12)	(a)		vert an existing well (as defined in W. Va. Code a coalbed methane well? Yes _/ No x/
(b)	•	, please attach to this Application a list of a description of any plans to plug any portio	all formations from which production is anticipated n of the well.
13)	(a)	• •	be completed in some but not all coal seams for t hole proposed to be converted to a well)?
(b)	•	, please attach to this Application a plan an seams which will be penetrated by the well.	d design for the well which will protect all workable
14)	(a)	Does the proposed operation include hore Yes X / No/	rizontal drilling of a well commenced on the surface?
	-	e attach to this Application a description nent and extent of the well from the surface	of such operations, including both the vertical and to total depth.

JUN 1 2 2014

WW-5B Revised 5-06

Page	2	of	
rage	4	UI	

CASING AND TUBING PROGRAM

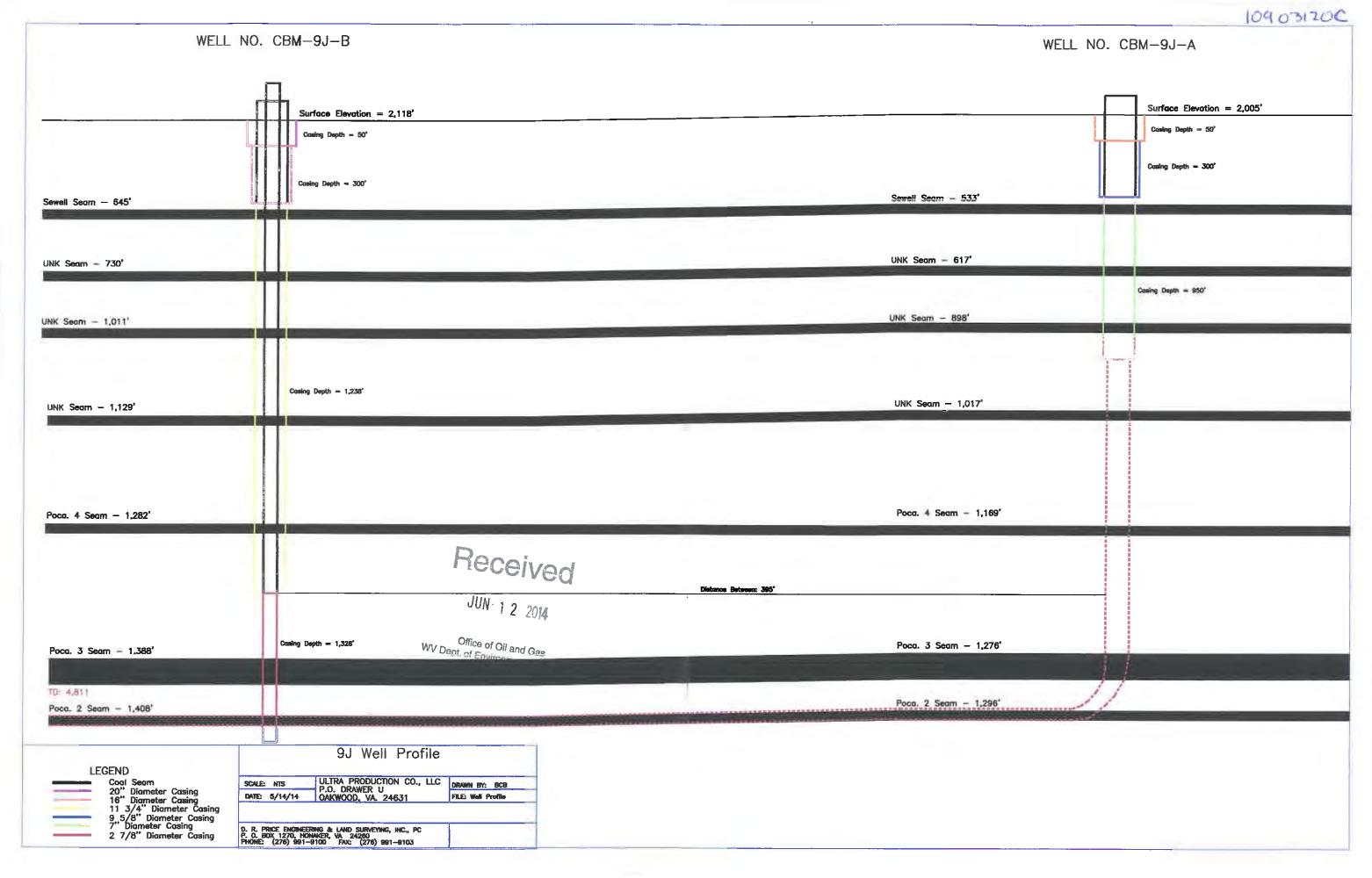
TYPE	SPECIFICATIONS		FOOTAGE IN	FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For Drilling	Left in Well	Fill-up (cu. ft.)	
Conductor	20"		60 LBS	50'	50'	58'	
Fresh Water	16"		56 LBS	300'	300'	188'	CT
Coal	11- 3/4"		65 LBS	1238'	1238'	704'	CTS
Intermediate							
Production							
Tubing	2 7/8"		6.5 LBS	1418'	1418'	Hanging	
Liners							

PACKERS:

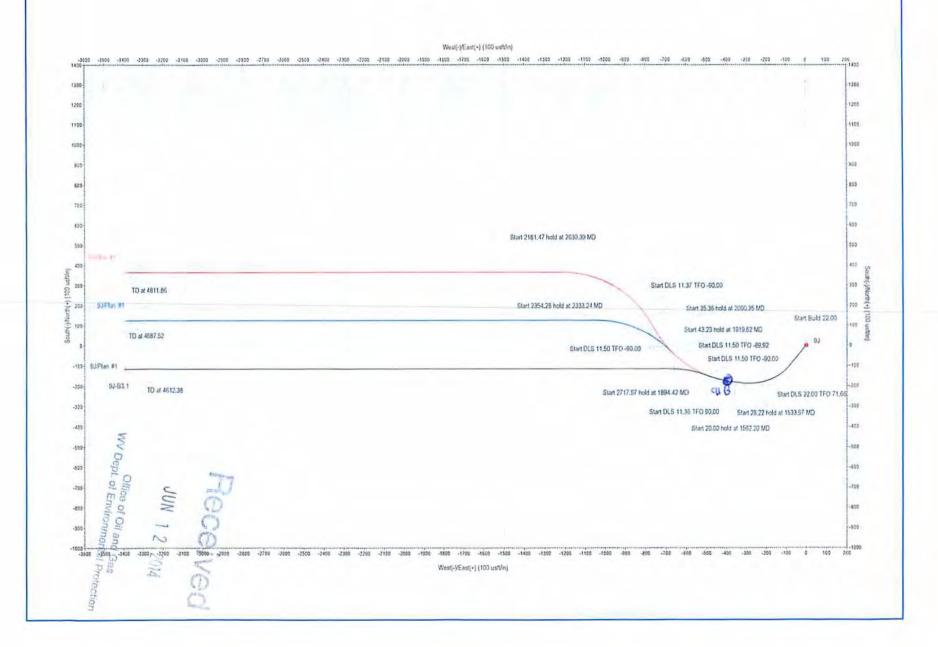
FRESH WATER DEPTH

250	

Coal Seam Name	Тор	Bottom	Target (yes or no)
SEWELL	645.00	646.45	NO
UNKNOWN	730.00	731.00	NO
UNKNOWN	1011.00	1013.95	NO
UNKNOWN	1129.00	1130.25	NO
POCA 4	1282.00	1283.35	NO
POCA 3	1388.00	1392.95	NO
POCA 2	1408.00	1409.15	Yes
Recei	ved		
JUN 12	2014		









MG US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS) Azimuths to Grid North True North: 0.37* West Virginia South 4702 Mean Sea Level Magnetic North: -7.16* Magnetic Field Strength: 51469.0snT Dip Angle: 65.51* Date: 5/20/2014 Model: IGRF2010 RKB Elevation: WELL @ 0.00usft (Original Well Elev) +N/-S +E/-W Northing Longitude Slot West(-)/East(+) (800 ustt/in) 37*30' 50.895 N 0.00 0.00 187771.58 1826531.01 81*35' 52 979 W -2400 800 0 .3200 -1600 Section Details TVD +N/-S +E/-W Dieg Start 2181 47 hold at 2630.39 MD MD Inc Azi VSect Target TD at 4811.86 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 982.12 0.00 0.00 982.12 0.00 0.00 0.00 0.00 9J-B1.2 1207,66 -83.70 72.58 1254.85 60.00 220.00 99.75 22.00 22.00 301.89 1533.97 90.00 276.46 1285.00 -184.97 -323,48 Start Build 22.00 -351.52 0.00 South(-)/North(+) (800 ust/m) 1562.20 90.00 276.46 1285.00 -181.79 330.11 9J-B 9J-B1.1 1582.20 90.00 276.46 1285.00 -179.55-371.39 0.00 350.11 Start DLS 11.37 TFQ -90.00 2060.29 90.00 330.78 1285.01 75,35 -754.78 11.36 758.51 -772.10 779.04 2095.77 90.00 330.78 1285.00 106.31 0.00 Start 35 36 hold at 2060 35 MD 11.37 1243.90 9J-B1.2 -1211.95 2630.39 90.00 270.00 1285.00 364.26 4811.86 90.00 270,00 1285.00 364.29 -3393.42 0.00 3412.91 9J-B1.1 Start DLS 11 36 TFO 90 00 DESIGN TARGET DETAILS Start 20:00 hold at 1562:20 MD Name TVD +N/-S +E/-W Northing Easting Shape Start 28:22 hold at 1533.97 MD 187589.79 1826179.49 9J-B 1285.00 -181.79 -351.52 Paint -3393.42 188135.87 1823137.60 1285.00 364.29 Point 9J-B1.1 Start DLS 22.00 TFO 71.66 -1211.95 1825319.06 9J-B1.2 1285.00 364.26 188135.84 Point Dapt of Environmental Protection and Gas Start Build 22.00 Vertical Depth (400 Start DLS 22.00 TFO 71.66 Start 35.36 hold at 2060.35 MD 9J-B1.2 9J-B1-1 Start DLS 11.37 TFO -90.00 9J-B Start DLS 11.36 TFO 90.00 TD at 4811.86 Start 2181.47 hold at 2630.39 MD Start 28,22 hold at 1533.97 MD Start 20.00 hold at 1562.20 MD 3200 1600 2000 2400 2800 800 1200 Vertical Section at 276.13° (400 usft/in) Created By: Chris LeMaster Date: 13.22, May 20 2014 to a decrea began to the last to the second



9JB

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS) Clarke 1856 West Virginia South 4792 Mean Sea Level

Langitude

1042.99

3395.69

81*35' 52.979 W

11.50

0.00

Slot

9J-B2.2

9J-B2.1

M G T

-3200

TD at 4687.52

9J-B2 1

Azimuths to Grid North True North 0.37* Magnetic North -7.16* Magnetic Field

Magnetic Field Strength: 51469.0snT Dip Angle, 65.51* Date: 5/20/2014 Model: IGRF2010

-2400

West(-)/East(+) (800 ustt/in)

-1600

Start 2354 28 nold at 2333 24 MD

9J-B2.2 Start DLS 11,50 TFO -90.00 Start 43 23 hold at 1919 62 MD

Start DLS 11.50 TFO -89.92

008-

RKB Elevation	WELL	0.00usft	(Original	Well Elev)
----------------------	------	----------	-----------	------------

Easting

1826531.01

1285.00

1285.00

+N-5

2333.24

4687.52

0.00

+E/-W

0.00

90.00

90.00

Northing

270.00

187771.58

			S	ection Details	5			
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect	Target
1910.00	90.00	313.70	1285.01	-43.03	-663.09	0.00	661.07	
1919.62	90.00	312.60	1285.01	-36.45	-670.11	11.50	668.33	
1962 85	90.00	312.60	1285.01	-7.20	-701.94	0.00	701.20	

37*30' 50.895 N

1039.14

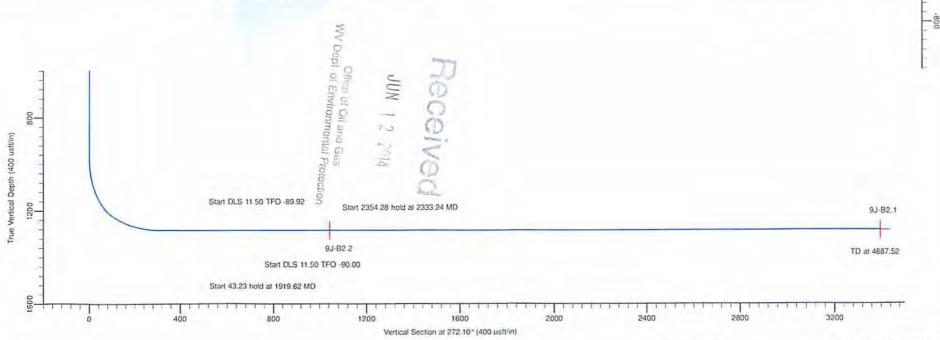
-3393.42

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
9J-B2.1	1285.00	124.30	-3393.42	187895.87	1823137.59	Point
9J-B2.2	1285.00	124.26	-1039.14	187895.84	1825491 87	Point

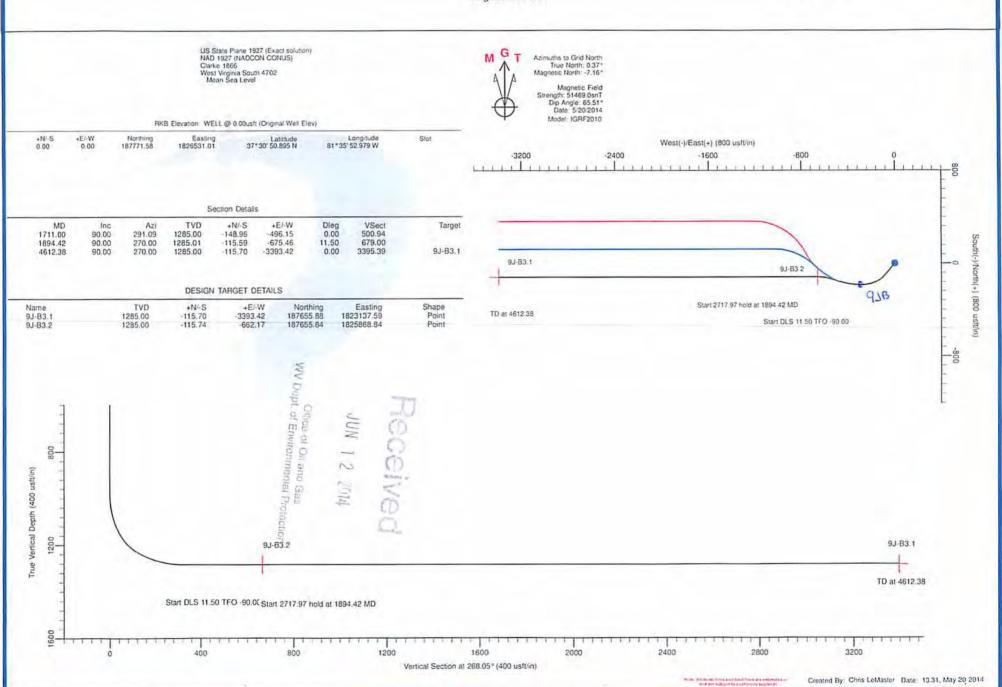
124,26

124.30



South(-)/North(+) (800 ustr/in)





1) Date:	
2) Operator's	well number 9J-B
3) API Well	No: 47- 109 -
	State County Perr

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

NOTICE AND APPLICATION FOR A COALBED METHANE WELL PERMIT

Surface Owner(s): (a) Name PINNACLE LAND CO.	(d) Natural Gas Owner(s): Name PINNACLE LAND CO.
Address P.O. Box 446	Address P.O. Box 446
Man, WV 25635	Man, WV 25635
(b) Name	Name
Address	Address
(c) Name	(e) Natural Gas Lessee(s):
Address	Name CNX GAS COMPANY, LLC
	Address 2481 JOHN NASH BLVD.
	BLUEFIELD, WV 24701
Other Parties Noticed:	
(a) Coal Owner(s):	Name
Name WPP, LLC	Address
Address 5260 Irwin Road	
Huntington, WV 25705	
Name	(f) Natural Gas Operator(s):
Address	Name CNX Gas Company, LLC
	Address 2481 John Nash Blvd.
	Bluefield, WV 24701
(b) Coal Lessee(s):	
Name Pinnacle Mining Co.	Name
Address P.O. Box 338	Address
Pineville, WV 24874	
Name	Inspector ROSS ELLER
Address	Address 601 57th Street, SW
2004	Charleston, WV 25304
	Telephone 304-932-6844
(c) Coal Operator(s):	Oil and Gas Privacy Notice
Name PINNACLE MINING CO.	
Address P.O. BOX 338	The Office of Oil and Gas processes your personal informati address and phone number, as a part of our regulatory duti-

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 depprivacyoffice www.gov.

Name

Address

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailplece, or on the front if space permits. Article Addressed to: Pinnacle Mining Co. PO Box 338	A 3/9nature X Agent Addressee B) Received by (Printed Name) C, Date of Delivery D. Is delivery extress different from from 17 If Yes If YES, enter delivery address below:	
Pineville, WV 24874	3. Service Type Certified Mali ^a Priority Mail Expresa* Registered Return Receipt for Merchandise Insured Mail Collect on Delivery 4. Restricted Delivery? (Extra Fee)	
2. Article Number 7013 2250	0001 4850 4408	
PS Form 3811, July 2013 Domestic Re		
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mallplece, or on the front if space permits.	X + Quica Smith Agent Addressee B. Received by (Printed Name) C. Date of Delivery	
CNX Gas Campany LLC 2481 John Wash Blvd	D. Is dolivery address different from item 1? Yes If YES, enter delivery address below: No	
Bluefield W 24701	Service Type S Certified Mail®	
2. Article Number		
(Transfer from service label) 7013 2250 PS Form 3811, July 2013 Domestic Ref	0001 4850 4415 turn Receipt	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailplece, or on the front if space permits.	A Sensiture X MANUAL ADD Agent Addressee B. Received by (Printed News). C. Date of Delivery A WAY DOOR S 12.14 D. Is delivery address different from the 17. 17. Yes If YES, enter delivery address below: 17. No.	
WPP, LLC	If 123, end venery address seem.	
5260 Irwin Road		Office of CIVED
Huntington, WV 25705	3. Service Type Certified Mail* Priority Mail Express* Registered Return Receipt for Merchandise Insured Mail Collect on Delivery 4. Restricted Delivery? (Extra Fee)	JUL I 1 2014
2. Article Number (Transfer from service lebel) 7013 2250	0001 4850 4392	WV Department of nvironmental <mark>09/9เอเนด</mark> ิเ4
PS Form 3811 July 2013 Domestic Re	turn Receipt	09/41 2/2/0 1/4

PS Form 3811, July 2013

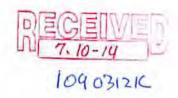
Domestic Return Receipt

ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: WIDEP Office of Oil + GAS	A. Signature X. Dent Deldresse B. Received by (Printed Name) C. Date of Deliver D. Is delivery address different from hem 17 If YES, enter delivery address below:
101 57th Street, SW Tharleston, WV 25304	3. Service Type B Certified Mail* Priority Mail Express* Registered Receipt for Marchandise Insured Mail Collection Delivery 4. Restricted Delivery? (Extra Fee) Tyes
Arbeie Number 7013 2250 001	
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse	A Signature A Signature A Agent
so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	E. Received by (Popular Name) C. Date of Deliver Les a Adkins 6/12/14
Pringacle Land Co. / Po Box 446	D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
Man, WV 25635	3. Service Type EX Certified Mail* ☐ Priority Mail Express* ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery 4. Restricted Delivery? (Extra Fee) ☐ Yes
	4. Restricted Delivery? (Extra Fee)

RECEIVED
Office of Oil and Gas

JUL 1 1 2014

WV Department of Environmental Protection



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 successive time(s) Given under my hand this day July, 2014 State of West Virginia to-wit: Subscribed and sworn before me this day of July, 2014 Notary Public for West Virginia Cost of Publication \$

> Copy of Publication See attached

RECEIVED
Office of Oil and Gas

JUL I 1 2014

WV Department of Environmental Protection 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	
Watershe	d TURKEYWALLOW BRANCH OF INDIAN CREEK	
District _	CENTER	<u>.</u>
County _	WYOMING	_
Public roa	ad access SMYRAN ROAD FROM TOUTE 16	
	used farm name U.S. STEEL MINING CO.	_
	work for which a permit is sought is generally described as follows: ACCESS ROAD CONSTRUCTION, DRILLING AND DEVELOPMENT OF CO	DALBED METHANE
PRODUC'	TION FROM THE POCA 2 SEAM, 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 57th St., SE, Charleston, WV 25304 (Telephone (304)926-0450).

WELL OPERATOR-APPLICANT Ultra	Production Company, LCC
ADDRESS P.O. Drawer U, Oakwood	
TELEPHONE 276-970-6431	JUN 1 2 2014

COALBED METHANE WELL WORK PERMIT APPLICATION NO-TICE BY PUBLICATION

Notice is hereby given:

Pursuant to West Virginia Code 22-21-9, notice is hereby given that the undersigned well operator-applicant proposed to file a Notice of an Application for a Coalbed Methane Well Permit, a plant or map showing the well location, and (unless the application is to plug a well) a Construction and Reclemation 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 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 2 seam and post drilling reclamation.

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

Pursuant to West Virginia Code 22-21-10, (1) The own-ers of record of the surface of the tract on which the coalbed methane well is to be located; (3) 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 methand well or is within seven hundred lifty 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 forma tions 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 to the location or construction of the applicant's pro-posed well within lifteen 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 Environment Protection, 601 57th St., SE, Charleston, WV 25304 (Telephone (304) 926-0450).
Well Operator-Applicant Ultra Production Company, LLC Address: P.O. Box Drawer U Oakwood, Va 24631
Telephone: 276-970-6431

6:18.25.7:2

1)	Date:	
2)	Operator's well number 9J-B	
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.

	colored with the man and a find a second of the second second second second second second second second second	
	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	
	vell operator certifies that pursuant to W. Va. Code §22-21-9, copies of plat, erosion and sediment control plan have been served on the above Personal Service (affidavit attached)	
×	Certified Mail (return receipt requested)	
has been owhich the	well operator certifies that, as required by W. Va. Code §22-21-9(c) or within ten days of filing will be published in a newspaper of gener proposed Coalbed Methane well is to be located all information requestrement of Environmental Protection, Office of Oil and Gas. Affidavit of Publication (attached) Affidavit of Publication (forthcoming)	al circulation in the county in
	which is the second of the sec	COMMISSION TO 34162 WALTH OF VICTORIAL TO THE
	The state of the s	

Received

JUN 1 2 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

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

1) Date:
2) Operator's well number
9J-B
3) API Well No: 47
State County Permi

INSTRUCTIONS TO PERSONS NAMED ABOVE

YOU ARE NOT REQUIRED TO FILE ANY COMMENT BUT MAY BE ENTITLED TO DO SO. HOWEVER, IF YOU WISH TO FILE COMMENTS OR OBTAIN ADDITIONAL INFORMATION, PLEASE CONTACT:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St., SE
Charleston, West Virginia 25304
(304) 926-0450

District Oil and Gas Inspector (Name and address listed Page 1)

Time limits and methods for filing comments. The law provides that certain parties are to receive copies of an application for a coalbed methane well permit prior to the filing of the application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Office of Oil and Gas within that time. You may call the Office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

Comments must be in writing. Your comments must include your name, address, and telephone number (if you have a telephone), 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.

<u>List of Water Testing Laboratories</u>. The Office of Oil and Gas maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Office to obtain a copy.

Permits. Permits for coalbed methane wells may be granted or derived as provided in Article 21 of Chapter 22 of the West Virginia Code. The Chief of the Office of Oil and Gas 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; or
- 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. You may request additional information and/or request notice of the permit decision from the Chief.

WV Dept. c

^{*}If you believe you were provided notice of this application in error, please contact the well operator listed above and the Office of Oil and Gas at (304) 926-0450 immediately.

Page 6 of WW-5A (8/1998) Owner, Operator and Lessee Copy	1) Date: 2) Operator's well number 9J-B 3) API Well No: 47 State County Permit
	ATEMENT OF NO OBJECTION CE OF CBM WELL PERMIT APPLICATION
Notice and Application for a Coalbed Meth	these Instructions and that I have received copies of the nane Well Permit, and accompanying materials, including all for proposed coalbed methane well work as described
I further state that I have no objand I have no objection to a permit being is	ection to the planned work described in these materials, sued based on those materials.
I further state that I am aware the well, and I have no objection to this spacing	at the proposed well is within 1,600 feet of another CBM g.
FOR EXECUTION BY A NATURAL PERSON ETC.	FOR EXECUTION BY A CORPORATION,
Date	Company Name
Signature	By Date

IMPORTANT: If you have been notified by the well operator of the proposed coalbed methane well and you signed the <u>Voluntary Statement of No Objection</u> 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.

Signature

Received

JUN 1 2 2014

Office of Oil and Gas
WV Dept. of Environmental Programment

Date

WW-5C (8/1998)

CONSENT AND AGREEMENT TO DRILL A HORIZONTAL DEGASIFICATION BOREHOLE

We, the undersi	gned		of coal seam	s located on certain
tracts or parcels of land in	Center	District of Wyo	oming	County, State of
West Virginia, have receiv	ed a "notice a	nd Application to Drill	" a Horizontal	Degasification
Borehole No. 9J-B in v	which stimulat	tion of the Pocahontas I	No. 2 coal s	seam is proposed do
hereby consent and agree t	o stimulation (of the coal seam pursua	ant to West Vi	rginia Code § 22-21-7.
		Owner Name:		
		By:		
		Its:		
		Date:	· 	
STATE OF WEST VIRGI	NIA			
COUNTY OF	, t	o-wit:		
		, a No	tary Public of	said County, do
hereby certify that				
, 20, h				
to be the act and deed of sa			,	
Given under my	hand and offi	cial seal this the	day of	, 20
My commission	expires			
			·	
		Nota	ry Public	
	A	aived	•	
(CEAL)	HS0	eived		
{SEAL}	-	1 2 2014		
	JUN	1 2 2014		

Office of Oil and Gas

WV Dept. of Environmental Protection

WW-2A1 (Rev. 1/11)

Operator's Well Number 9J-	erator's Well	Number	91-
----------------------------	---------------	--------	-----

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

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 a cknowledges 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

Chica of Officer a Cas.

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 ac quired from the appr opriate aut hority before the affected activity is initiated.

Well Operator:

By: Its:

Ultra Production Company, LLC

Business Development Manager

			-	
V	W	V-2	2 H	П

Well No.	CBM-9J-B	
----------	----------	--

West Virginia Department of Environmental Protection Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

X	Contractor Name	ENVIROCHECK OF V	IRGINIA
	Well operator's pr	ivate laboratory	
	Well Operator	Ultra Production Company, LLC	
	Address	P.O. Box 446	
		Oakwood, VA 24631	
	Telephone	276-970-6431	

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

NO KNOW WATER WELLS OR SPRINGS WITHIN 2000.

Received

JUN 1 2 2014



Ultra Production Company, LLC Attachment for: WV DEP WW-281 Form Well #: 91-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

	Туре	Owners Name (Last, First)		City, State, Zip Code	Phone Number	Noticed	Sampled	Results Provided	Comments
1			-						No known wells or springs are within 2,000'

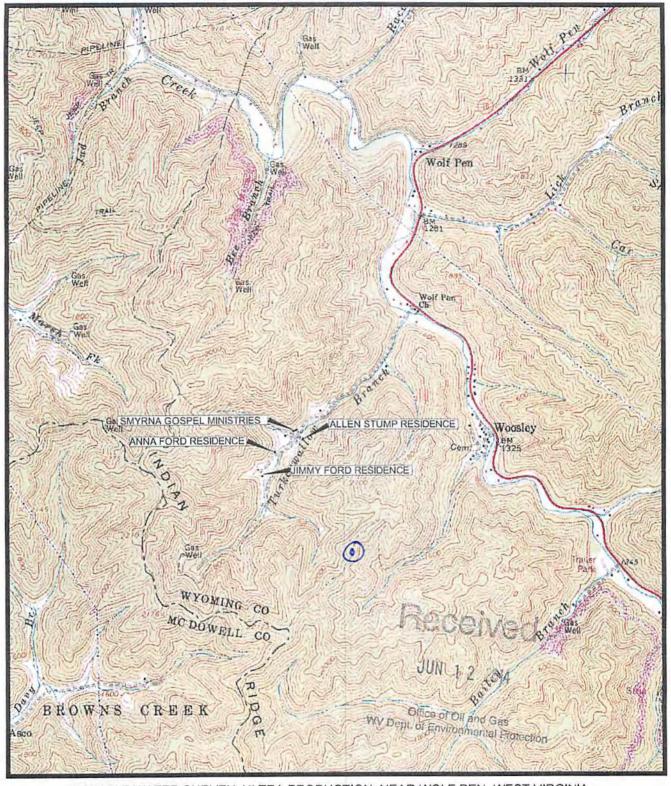
Water Wells or Springs Located Within 3,000 feet of Proposed Well

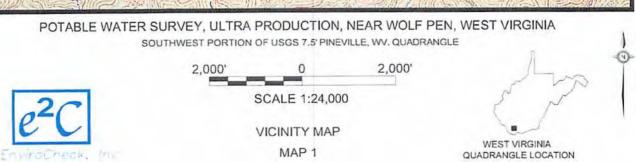
4400	er weis or springs totated within 3,000 reet or Proposed weis									
	Туре	Owners Name (Last, First)	Address	·City, State, Zip Code	Phone Number	Noticed	Sampled	Results Provided	Comments	
1	Spring	Smyrna Gospel Ministries	750 Smyrna Rd	Welch, WV 24801	304-732-9204	Yes	Yes			
2	Spring	Stump, Alien	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		Well is not in use and could not be accessed; resident is using public water	
4	?	Ford, Jimmy	7	7	?	Yes	No	N/A	Refused permission/information for sampling	

Office of Oil and Gas
WV Dept. of Environmental Protection

Received

109031210





WW-9	
(5/13)	

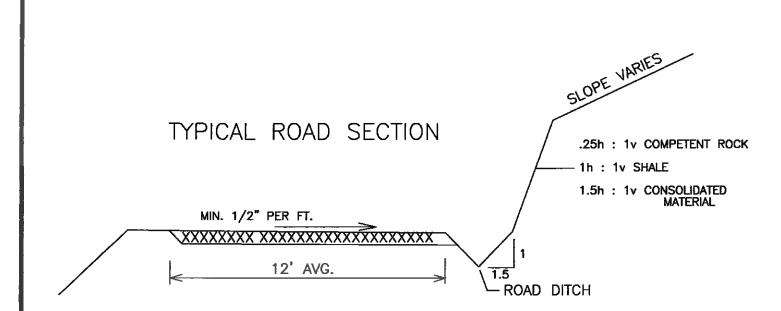
1	Page of
API Number 47 -	
Operator's Well No	. 9J-B

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

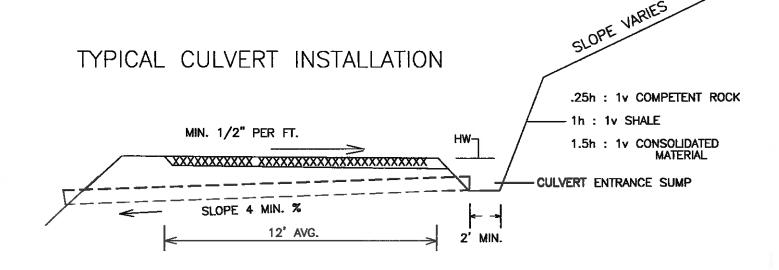
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name_ Ultra Production	on Company, LLC	OP Code	494507632
Watershed (HUC 10) Turkey	wallow Branch of Indian Creek	Quadrangle Pineville	549
Elevation 2,118	County_Wyoming	District_	Center 3
Do you anticipate using more	than 5,000 bbls of water to complete	the proposed well work?	/es No_X
Will a pit be used for drill cut	tings? 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 N	Method For Treated Pit Wastes:		
Un Re Of	nd Application derground Injection (UIC Permit N use (at API Number_ f Site Disposal (Supply form WW-9 ner (Explain	for disposal location)	
Will closed loop system be us	ed? No		
	or this well? Air, freshwater, oil bas	ed. etc. Fresh Water	
-If oil based, what ty	pe? Synthetic, petroleum, etc.		
	g medium? Drilling Soaps, Polymers		
	l? Leave in pit, landfill, removed off	Organ State Control of the Control o	
	n to solidify what medium will be use	00-1-13	The Control of the Co
	ame/permit number?		
on August 1, 2005, by the Off provisions of the permit are of law or regulation can lead to of I certify under penal application form and all atta obtaining the information, I	stand and agree to the terms and confice of Oil and Gas of the West Virgin enforceable by law. Violations of an enforcement action. Ity of law that I have personally exachments thereto and that, based of believe that the information is true information, including the possibility	nia Department of Environment only term or condition of the g examined and am familiar with on my inquiry of those indi- exaccurate, and complete. I	ental Protection. I understand the eneral permit and/or other applie th the information submitted on viduals immediately responsible
Company Official Signature	14/11	JUN	2 114
Company Official (Typed Na	me) KARL HEOVETIC		
Company Official Title 🔀	USINESS DEVELOPMENT MANAGER	WALL DE	Sag mull
	0.00	VVVTIIII	Protection
Subscribed and sworn before	me this 11th day of J	une . 2	0 4
Shelli E	Jackson,	Notar	y Public COM
My commission expires	12-31-2014		To Min
			09/12/2

Lime 2 Tons/acre or to correct to pH 6.0 Fertilizer (10-20-20 or equivalent) 500 Ibs/acre (500 lbs minimum) Mulch Fiber Mulch 0.5 Tons/acre Seed Mixtures Area I Seed Type Ibs/acre Seed Type Ibs 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:	Proposed Revegetation Treatm	nent: Acres Disturbed 1.	.5 Prevegetation pl-	F
Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum) Mulch Fiber Mulch 0.5 Tons/acre Seed Mixtures Seed Type				
Seed Mixtures Area I Seed Type Tall Fescue Orchard Grass 6 Perennial Rye Grass Red Clover 17 Attach: Drawing(s) of road, location,pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet. Tons/acre Seed Mixtures Area II Seed Type Ibs Tall Fescue 40 Orchard Grass 6 Perennial Rye Grass 39 Red Clover 17 Attach: Drawing(s) of road, location,pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet.				
Area I Seed Type Ibs/acre Seed Type Ibs 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.	Mulch Fiber Mu	lch 0.5	Tons/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.			Seed Mixtures	
Tall Fescue 40 Orchard Grass 6 Perennial Rye Grass 39 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: Of Tall Fescue 40 Orchard Grass 6 Perennial Rye Grass 39 Red Clover 17 Red Clover 17 Attach: Drawing(s) of road, location,pit and proposed area for land application.				
Orchard Grass 6 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: CK grim on Ross Euch				lbs/acre
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: CV gwim con Ross Euch				
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: CM GMM FOR 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: Commen		ALC: NOTE: THE PERSON NAMED IN COLUMN TO PER		
Drawing(s) of road, location,pit and proposed area for land application. Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Comments: Comm	Constal a			
	Drawing(s) of road, location.p			
Received	Photocopied section of involve	ed 7.5' topographic sheet.		
JUN 1 2 2014	Photocopied section of involve	ed 7.5' topographic sheet.		
0.00 PE 200	Photocopied section of involve	ed 7.5' topographic sheet.	SE EUGR	
Office of Off and Gas WW Dept. of Environmental Protection	Photocopied section of involve	ed 7.5' topographic sheet.	SE EUGR	
JUN 1 2 2014	Drawing(s) of road, location.p			
Office of Off and Gas	Photocopied section of involve	ed 7.5' topographic sheet.	SE EUGR	
	Photocopied section of involve	ed 7.5' topographic sheet.	Received JUN 1 2 2914	



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



RIP PAP

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.

CULVERT SCHEDULE

CULVERT I.D. NO. Q (CFS)

Ø (IN)

MIN. HW (FT.) REQUIRED

THIS APPLICATION SHOULD NOT REQUIRE ANY NEW CULVERTS

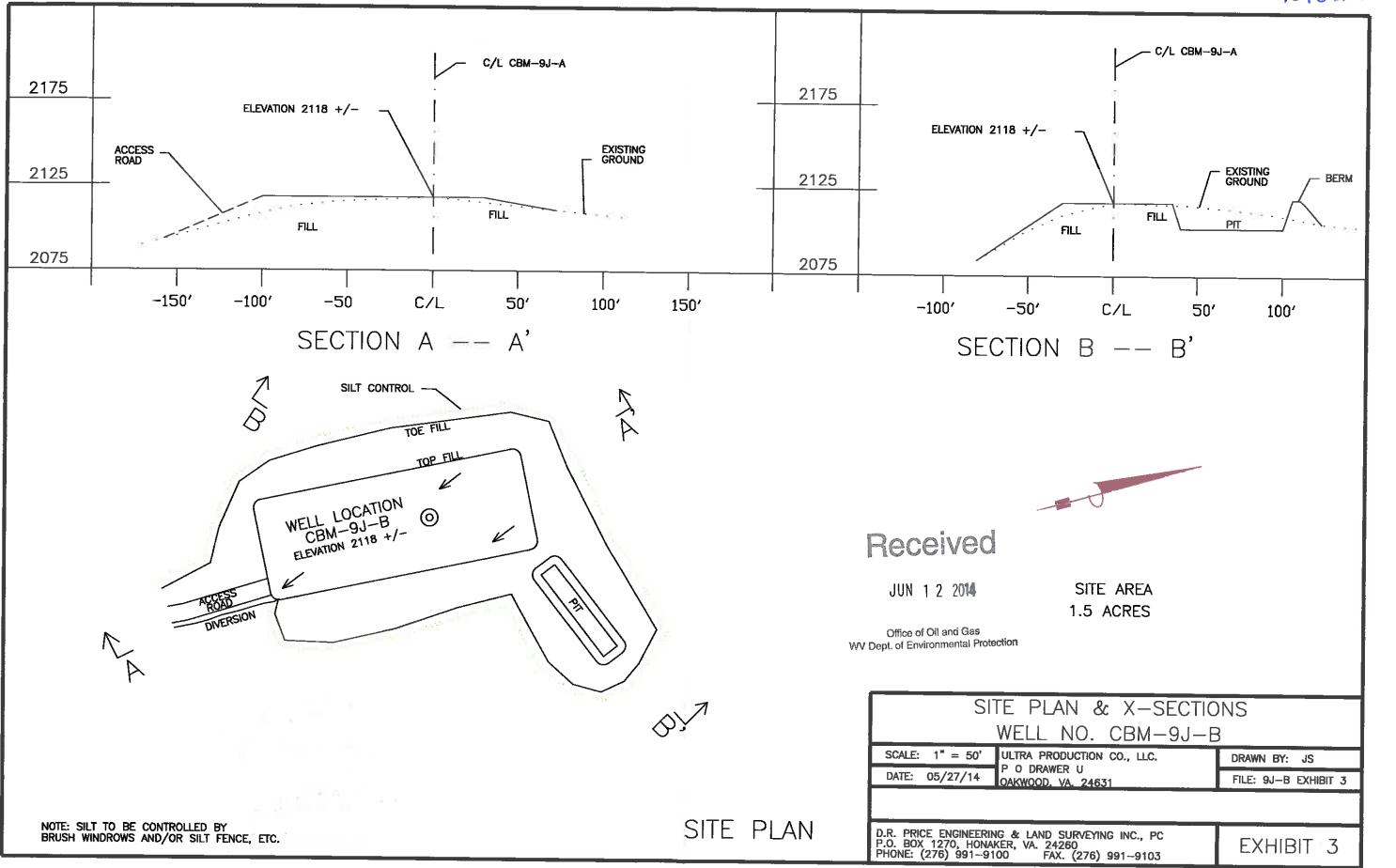
Received

JUN 1 2 2014

Office of Oil and Gas

WAY Dept. of Environmental Protection

ROAD & CULVERT DETAILS						
	WELL NO. CBM-9J-E	3				
SCALE: NTS	ULTRA PRODUCTION CO., LLC. P O DRAWER U	DRAWN BY: JS				
DATE: 05/27/14	OAKWOOD, VA. 24631	FILE: 9J-B EXHIBIT 2				
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						
09/12/2014	_					



Ultra Production Company, LLC

9J-A & 9J-B Location Map



