



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

March 23, 2016

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5101801, issued to CHEVRON APPALACHIA, 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: TAYLOR C 2H
Farm Name: WILLIAMS OHIO VALLEY MIDS7
API Well Number: 47-5101801
Permit Type: Plugging
Date Issued: 03/23/2016

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

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.

1) Date _____, 20____
2) Operator's
Well No. _____
3) API Well No. 47- - _____

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____
(If "Gas, Production _____ or Underground storage _____) Deep _____ / Shallow X

5) Location: Elevation 1257' Watershed Middle Grave Creek - Grave Creek
District Clay County Marshall Quadrangle Glen Easton, WV

6) Well Operator Chevron Appalachia, LLC 7) Designated Agent n/a
Address 800 Mountain View Drive Address _____
Smithfield, PA 15478

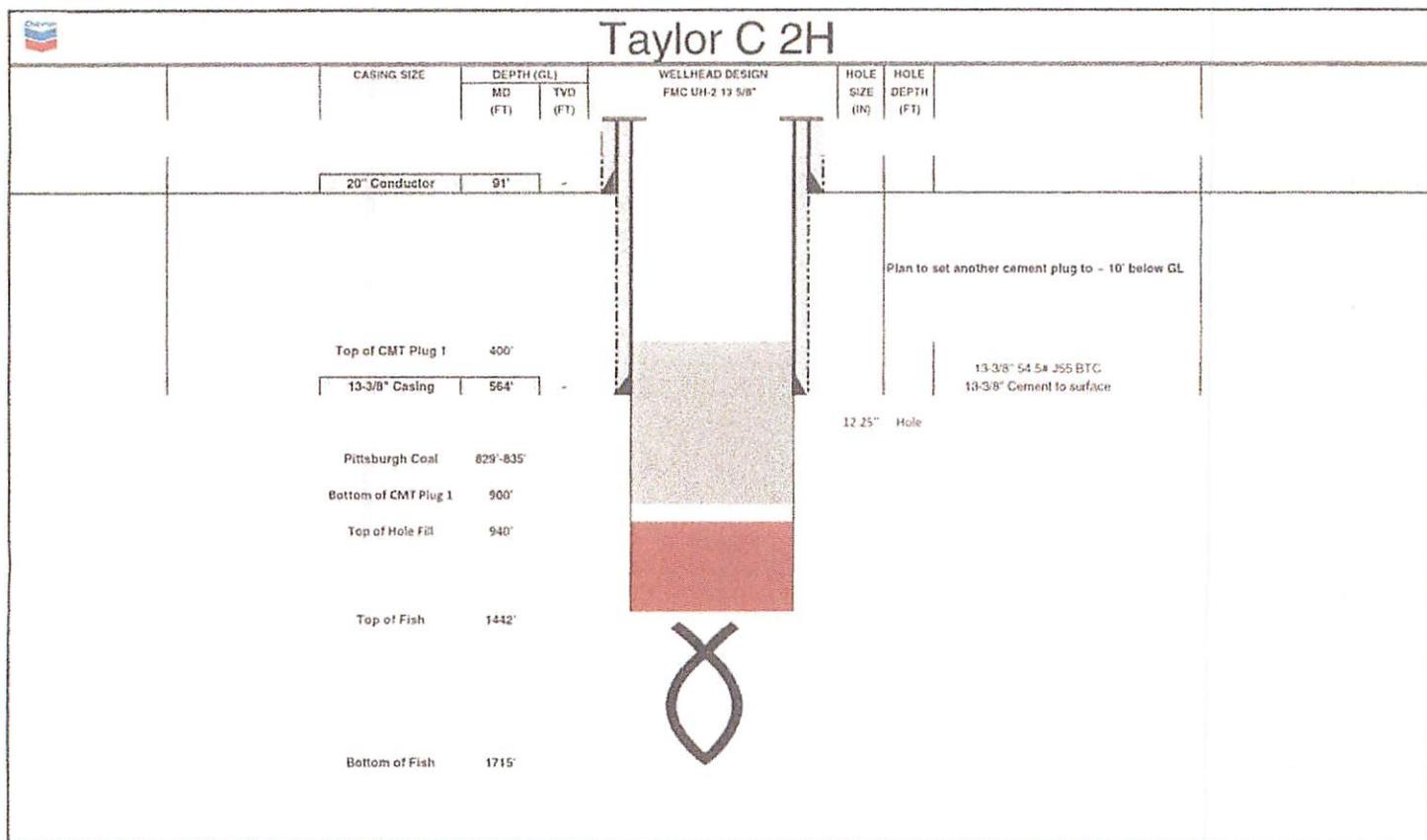
8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Eric Blend Name _____
Address P.O. Box 2115 Address _____
Wheeling, WV 26003

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

See attached

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

Work order approved by inspector  Date 12.3.15

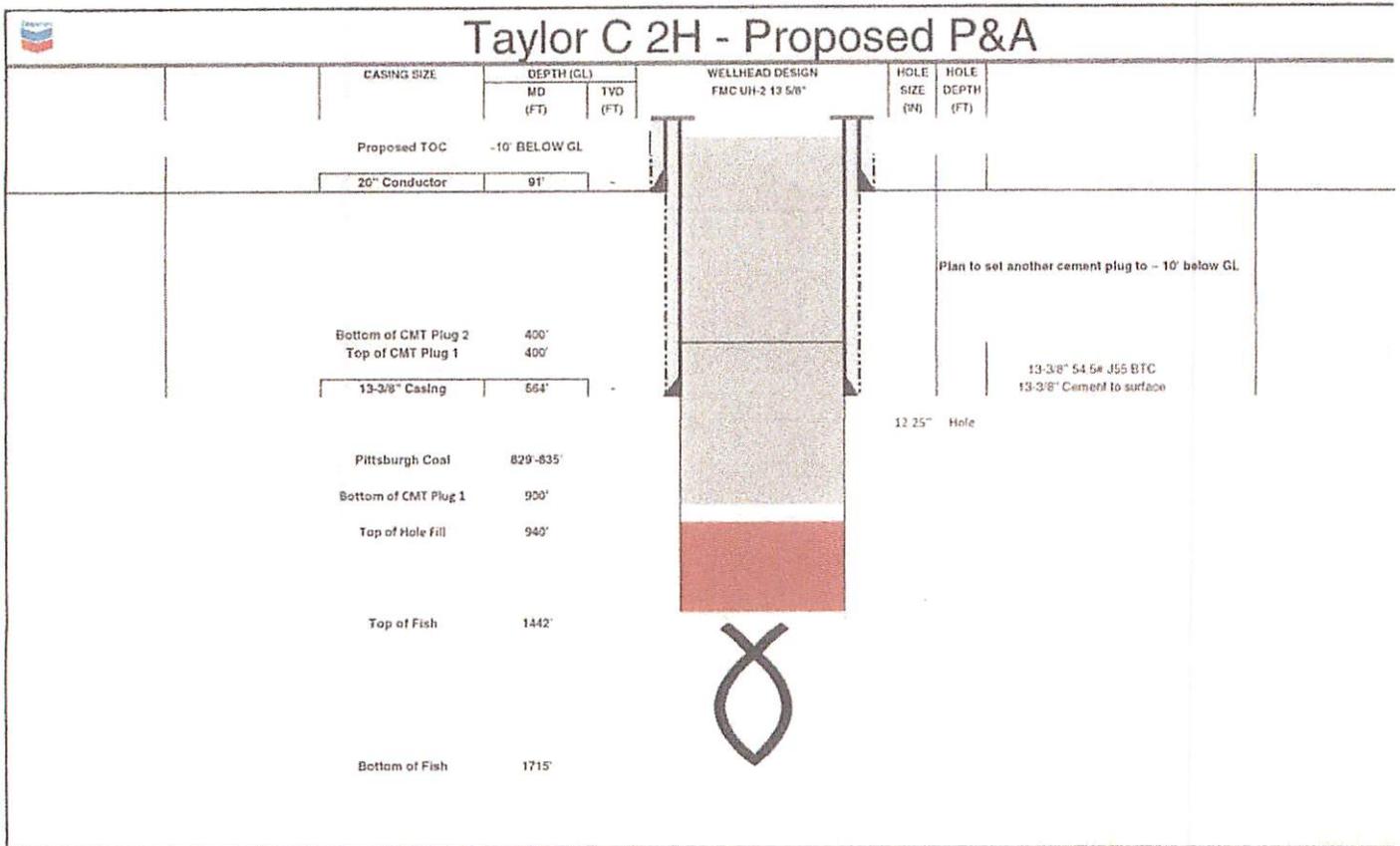


E. BLO 12/3/15

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DEC 08 2015

WV Department of
Environmental Protection



L. W. RO

12/3/15

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Taylor C 2H P&A Procedure

Plug Set from ~400' to a maximum TOC of 10' below GL

1. N/U 13 5/8" Annular. Test break.
2. TIH with 4" 14.0# DP
3. RU Cementers
4. Pressure test lines
5. Pump ~57 bbls of Class A or G cement
6. POOH slowly (<30'/min)
7. N/D BOPE and skid rig

Offline

1. Cut off 20" landing ring, 13-3/8" hanger, and 13 5/8" Wellhead.
2. Install permanent monument (pipe to surface)
 - Cement remaining wellbore to surface
 - Minimum diameter of 6"
 - Pipe shall extend to a depth of 10' below GL into well
 - Pipe shall extend to a depth of >30" above GL
 - Monument shall be sealed with concrete
 - API well identification number shall be stamped on monument with lettering no smaller than 1/2"

C. TSE 12/3/15

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WR-35
Rev. 8/23/13

API 47- 051 - 01801 Farm name Williams Ohio Valley Midstream LLC Well number 2H

PRODUCING FORMATION(S)	DEPTHS	
	TVD	MD

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Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd
GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		
Dunkard Group	100	530	100	530	SLTST, SH, Freshwater
Waynesburg Coal	530	531	530	531	Coal
Pittsburgh Coal	820	828	820	828	Coal
Big Lime	1885	1920	1885	1920	LS, trace SLTST
Burgoon	1980	2185	1980	2185	SS
Squaw	2185	TD	2185	TD	SLTST

Please insert additional pages as applicable.

Drilling Contractor SEE ATTACHED
Address _____ City _____ State _____ Zip _____

Logging Company n/a
Address _____ City _____ State _____ Zip _____

Cementing Company Baker Hughes
Address 5373 West Alabama, Suite 300 City Houston State TX Zip 77056

Stimulating Company n/a
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Jackie M. Schlar Telephone 724-564-3721
Signature *Jackie M. Schlar* Title Regulatory Compliance Team Lead Date 1/5/2016

JAN 06 2016

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-051-01801 County Marshall District Clay
Quad Glen Easton Pad Name Taylor C Field/Pool Name _____
Farm name Williams Ohio Valley Midstream LLC Well Number 2H
Operator (as registered with the OOG) Chevron Appalachia, LLC
Address 800 Mountain View Drive City Smithfield State PA Zip 15478

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing _____ Easting _____
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1257' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
Fluid loss control, emulsifier, and shale stabilizer

Date permit issued 3/31/2015 Date drilling commenced 8/25/2015 Date drilling ceased 12/4/2015
Date completion activities began n/a Date completion activities ceased _____
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 1" stream @ 495' MD Open mine(s) (Y/N) depths N
Salt water depth(s) ft 'slight show' ML @ 1755' MD Void(s) encountered (Y/N) depths N
Coal depth(s) ft 530' MD Waynesburg, 835' Pittsburgh Coal Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) No, already mined out 135' to the West

Reviewed by: _____

WR-35
Rev. 8/23/13

API 47-051 - 01801 Farm name Williams Ohio Valley Midstream LLC Well number 2H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	26	20	73	New			
Surface	17 1/2	13 3/8	547	New	J-55; 54.50		
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor		113					
Surface	Class A	443	15.60	1.20	532		
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 1757 Loggers TD (ft) 1757

Deepest formation penetrated _____ Plug back to (ft) _____

Plug back procedure _____

Kick off depth (ft) _____

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING Bow spring centralizers every two joints

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS RECEIVED OFFICE OF OIL AND GAS

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS JAN 06 2016

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

API: 47-5101801	Well Name: Taylor C	Well Number: 2H
-----------------	---------------------	-----------------

DRILLING CONTRACTORS		
Driller	Driller	Driller
Name Rocky Mountain Drilling	Name Highlands Drilling LLC	Name
Address 185 North Vernal Avenue, Suite 2	Address 900 Virginia Street East	Address
City - State - Zip Vernal, UT 84078	City - State - Zip Charlestown, WV 25301	City - State - Zip

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5101801P

Calculated by Baker Hughes, Inc.

Job Number: 7636325
Company: Chevron
Lease/Well: Taylor C 2H
Location: MARSHALL COUNTY
Rig Name: Highlands 14
State/County: WV/ MARSHALL
Country: US

Elevation GL: 1235.00 ft
RKB: 16.67 ft
Projection System: US State Plane 1983
Projection Group: West Virginia Northern Zone
Projection Datum: GRS80
Magnetic Declination: -8.68°
Grid Convergence: 0.76 W (NOT APPLIED - TRUE NORTH)
Date: 11/18/2015

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Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	Closure Distance (Ft)	DLS %/100	Northing (US ft)	Easting (US ft)	AB/NS From-Plan	LR/EW From-Plan
16.67	0	151.58	16.67	0	0	0	0	0	494606.89	1632365.5	.00	.00
50	0.37	78.58	50	0.02	0.11	0.05	0.11	1.11	1632322.7	494593.33	.00	.00
75	0.37	125	75	-0.01	0.25	0.17	0.25	1.17	1632322.84	494593.3	.00	.00
100	0.66	162.09	100	-0.19	0.36	0.38	0.41	1.71	1632322.95	494593.11	.00	.00
125	0.82	182.7	125	-0.51	0.4	0.64	0.64	1.23	1632322.98	494592.8	.00	.00
150	0.45	181.85	149.99	-0.78	0.39	0.85	0.87	1.48	1632322.96	494592.52	.00	.00
175	0.26	131.21	174.99	-0.92	0.42	0.98	1.01	1.4	1632323	494592.38	.00	.00
200	0.28	215.69	199.99	-1.01	0.43	1.05	1.1	1.45	1632323.01	494592.3	.00	.00
225	0.26	218.94	224.99	-1.1	0.36	1.08	1.16	0.1	1632322.94	494592.2	.00	.00
250	0.23	216.54	249.99	-1.19	0.3	1.1	1.22	0.13	1632322.87	494592.12	.00	.00
275	0.28	218.9	274.99	-1.27	0.23	1.13	1.29	0.2	1632322.8	494592.03	.00	.00
300	0.41	220.65	299.99	-1.39	0.13	1.16	1.39	0.52	1632322.7	494591.92	.00	.00
325	0.73	230.5	324.99	-1.56	-0.05	1.17	1.56	1.33	1632322.52	494591.75	.00	.00
350	0.79	233.58	349.99	-1.76	-0.31	1.17	1.79	0.29	1632322.25	494591.55	.00	.00
375	0.6	232.75	374.99	-1.94	-0.56	1.15	2.02	0.76	1632322.01	494591.37	.00	.00
400	0.47	241.52	399.99	-2.07	-0.75	1.13	2.2	0.61	1632321.81	494591.25	.00	.00
425	0.46	241.56	424.99	-2.17	-0.93	1.09	2.36	0.04	1632321.63	494591.15	.00	.00
450	0.42	258.56	449.98	-2.23	-1.11	1.03	2.49	0.54	1632321.45	494591.09	.00	.00
475	0.46	263.77	474.98	-2.26	-1.3	0.93	2.61	0.23	1632321.26	494591.06	.00	.00
495	0.36	261.71	494.98	-2.28	-1.44	0.85	2.7	0.51	1632321.12	494591.05	.00	.00
590	0.27	87.68	589.98	-2.31	-1.51	0.84	2.76	0.66	1632321.05	494591.02	-.52	-.02
621	0.03	61.28	620.98	-2.31	-1.43	0.88	2.71	0.79	1632321.13	494591.02	-.80	-.03
653	0.39	66.4	652.98	-2.26	-1.32	0.91	2.62	1.13	1632321.24	494591.07	-1.11	.00
684	0.42	66.15	683.98	-2.17	-1.12	0.97	2.44	0.1	1632321.44	494591.15	-1.52	.06
715	0.35	64.59	714.98	-2.09	-0.93	1.02	2.28	0.23	1632321.63	494591.24	-1.91	.12
746	0.48	46.16	745.98	-1.95	-0.75	1.04	2.09	0.6	1632321.81	494591.37	-2.30	.22
778	0.63	45.67	777.98	-1.74	-0.53	1.01	1.82	0.47	1632322.04	494591.58	-2.75	.41
809	0.43	76.32	808.98	-1.59	-0.3	1.05	1.62	1.1	1632322.27	494591.72	-3.20	.52
840	0.3	34.88	839.98	-1.5	-0.14	1.07	1.5	0.92	1632322.43	494591.81	-3.57	.59
871	0.27	226.46	870.98	-1.48	-0.14	1.06	1.49	1.83	1632322.43	494591.83	-3.76	.60
902	0.46	224.15	901.98	-1.62	-0.28	1.08	1.65	0.61	1632322.29	494591.69	-3.86	-.79
933	1.09	242.92	932.97	-1.85	-0.63	1.03	1.95	2.16	1632321.93	494591.47	-3.98	-1.17
965	1.52	243.82	964.96	-2.17	-1.28	0.87	2.52	1.35	1632321.28	494591.16	-4.22	-1.23
996	1.99	224.25	995.95	-2.74	-2.03	0.83	3.41	2.44	1632320.53	494590.6	-4.56	-1.15
1027	2.43	237.83	1026.93	-3.47	-2.96	0.81	4.56	2.2	1632319.58	494589.88	-5.01	-1.05
1058	2.86	235.89	1057.89	-4.26	-4.16	0.66	5.95	1.42	1632318.38	494589.11	-5.55	-.98
1089	3.38	232.67	1088.85	-5.24	-5.52	0.56	7.62	1.77	1632317	494588.14	-6.17	-.94
1120	4.03	225.68	1119.78	-6.56	-7.03	0.63	9.61	2.55	1632315.47	494586.84	-6.81	-1.05
1151	4.83	223.74	1150.69	-8.26	-8.71	0.88	12.01	2.63	1632313.77	494585.16	-7.36	-1.34
1183	5.11	223.77	1182.57	-10.27	-10.63	1.22	14.78	0.88	1632311.83	494583.19	-7.68	-1.69
1214	5.59	222.31	1213.44	-12.38	-12.6	1.6	17.66	1.61	1632309.83	494581.1	-7.79	-2.09
1245	6.02	218.49	1244.28	-14.77	-14.63	2.17	20.79	1.86	1632307.77	494578.74	-7.68	-2.67
1276	6.14	215.57	1275.1	-17.39	-16.6	2.94	24.04	1.07	1632305.76	494576.14	-7.46	-3.46
1307	6.25	215.52	1305.92	-20.11	-18.55	3.82	27.36	0.36	1632303.78	494573.45	-7.15	-4.35
1339	6.75	213.19	1337.72	-23.1	-20.59	4.84	30.95	1.77	1632301.69	494570.48	-6.42	-5.39
1370	6.9	211.82	1368.5	-26.21	-22.57	5.99	34.59	0.71	1632299.67	494567.4	-5.33	-6.56
1401	6.73	212.6	1399.28	-29.32	-24.53	7.16	38.23	0.62	1632297.67	494564.32	-4.00	-7.75
1432	5.66	213.77	1430.1	-32.12	-26.36	8.17	41.55	3.48	1632295.81	494561.54	-2.72	-8.77
1463	4.59	214.92	1460.97	-34.41	-27.92	8.95	44.31	3.47	1632294.22	494559.28	-1.73	-9.57
1495	4.03	219.27	1492.88	-36.33	-29.36	9.53	46.71	2.03	1632292.75	494557.37	-.84	-10.15
1526	3.38	224.86	1523.82	-37.82	-30.7	9.83	48.71	2.4	1632291.39	494555.9	-.01	-10.47
1557	3.02	235.61	1554.77	-38.93	-32.02	9.86	50.41	2.25	1632290.06	494554.81	.82	-10.50
1588	2.99	243.07	1585.72	-39.76	-33.41	9.62	51.93	1.26	1632288.65	494554	1.78	-10.27
1619	2.77	254.23	1616.69	-40.33	-34.88	9.28	54.88	1.26	1632287.28	494554	2.81	-10.80

5101801 P

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	Closure Distance (Ft)	DLS %/100	Northing (US ft)	Easting (US ft)	AB/NS From-Plan	LR/EW From-Plan
1650	2.37	255.14	1647.65	-40.7	-36.19	8.58	54.46	1.3	1632285.86	494553.1	3.99	-9.25
1681	1.75	266.31	1678.63	-40.89	-37.28	8.04	55.34	2.37	1632284.77	494552.92	5.04	-8.67
1774	1.75	266.31	1771.59	-40.77	-40.34	6.01	57.35	.00	1632281.72	494553.08	7.35	7.00

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JAN 06 2016

WW-4A
Revised 6-07

1) Date: 11/30/2015
2) Operator's Well Number
Taylor C 2H
3) API Well No.: 47 - 51 - 01801

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

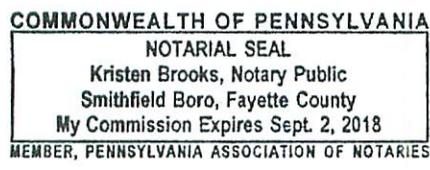
4) Surface Owner(s) to be served:	✓	5) (a) Coal Operator	
(a) Name	<u>Williams Ohio Valley Midstream LLC</u>	Name	<u>Murray Energy Corporation</u>
Address	<u>100 Teletech Drive, Suite 2</u> <u>Moundsville, WV 26041</u>	Address	<u>46226 National Road</u> <u>St. Clairsville, OH 43950</u>
(b) Name	_____	(b) Coal Owner(s) with Declaration	
Address	_____	Name	<u>Consolidated Coal Company</u>
(c) Name	_____	Address	<u>1000 Consol Energy Drive</u> <u>Canonsburg, PA 15317</u>
Address	_____	Name	_____
		Address	_____
6) Inspector	<u>Eric Blend</u>	(c) Coal Lessee with Declaration	
Address	<u>P.O. Box 2115</u> <u>Wheeling, WV 26003</u>	Name	_____
Telephone	<u>304-552-1179</u>	Address	_____

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

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

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

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



Well Operator Chevron Appalachia, LLC
 By: [Signature]
 Its: Attorney in Fact
 Address 800 Mountain View Drive
Smithfield, PA 15478
 Telephone 724-564-3700

Subscribed and sworn before me this 2nd day of December, 2015
Kristen Brooks Notary Public
 My Commission Expires Sept 2, 2018

RECEIVED
Office of Oil and Gas
DEC 08 2015

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 protection 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.

WV Department of
Office of Oil and Gas

WW-9
(2/15)

API Number 47 - 51 - 01801
Operator's Well No. Taylor C 2H

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Chevron Appalachia, LLC OP Code 49449935
Watershed (HUC 10) Middle Grave Creek - Grave Creek Quadrangle Glen Easton, WV

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No
Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

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

C. B. R. 12/3/15

Will closed loop system be used? If so, describe: N/A

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

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

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on 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 *Nicholas A. Stathis*
Company Official (Typed Name) Nicholas A. Stathis
Company Official Title ATTORNEY IN FACT

RECEIVED
Office of Oil and Gas

DEC 08 2015

Subscribed and sworn before me this 2nd day of December, 2015

Kristen Brooks

COMMONWEALTH OF PENNSYLVANIA
NOTARY PUBLIC
WV Department of Environmental Protection
Kristen Brooks, Notary Public
Notary Public
Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

My commission expires Sept 2, 2018

5701801P

Form WW-9

Operator's Well No. Taylor C 2H

Chevron Appalachia, LLC

Proposed Revegetation Treatment: Acres Disturbed 22.0 Prevegetation pH 5.5 - 6.3

Lime Soil Test Tons/acre or to correct to pH 5.0 - 7.5

Fertilizer type 10-20-20

Fertilizer amount 1,000 lbs/acre

Mulch Straw 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Winter Rye	170	Birdsfoot Trefoil	15
Plant	8/15 - 2/28	Weeping Lovegrass	45
		Perennial Ryegrass	10
		Plant 3/1 - 6/15	8/15 - 9/15

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: C. T. [Signature] 12/3/15

Comments: _____

Title: Oil + Gas Inspector

Date: 12/3/15

Field Reviewed? Yes No

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WV Department of
Environmental Protection

5101801 P



5101801

525881.62E, 4411347.47N, UTM17 NAD83

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WV Department of
Environmental Protection

061-00553

BM 779

Rosbys Rock
BM 777

Tunnel
BM 846

Davis Cem

5101798

5101796

5101794

5101792

5101790

5101788

794

1300

1246

1300

1309

1200

900

HOT

HOT

Carmic

TUNNEL

SPOON

HOLLOW

TOOLHOUSE

ASTON

OHIO

LAND

CR

PIPELINES

CLAY

900

6101714

6101718

6101720

6101724

6101728

6101732

6101736

6101740

6101744

6101748

6101752

6101756

6101760

6101764

6101768

6101772

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6101784

6101788

6101792

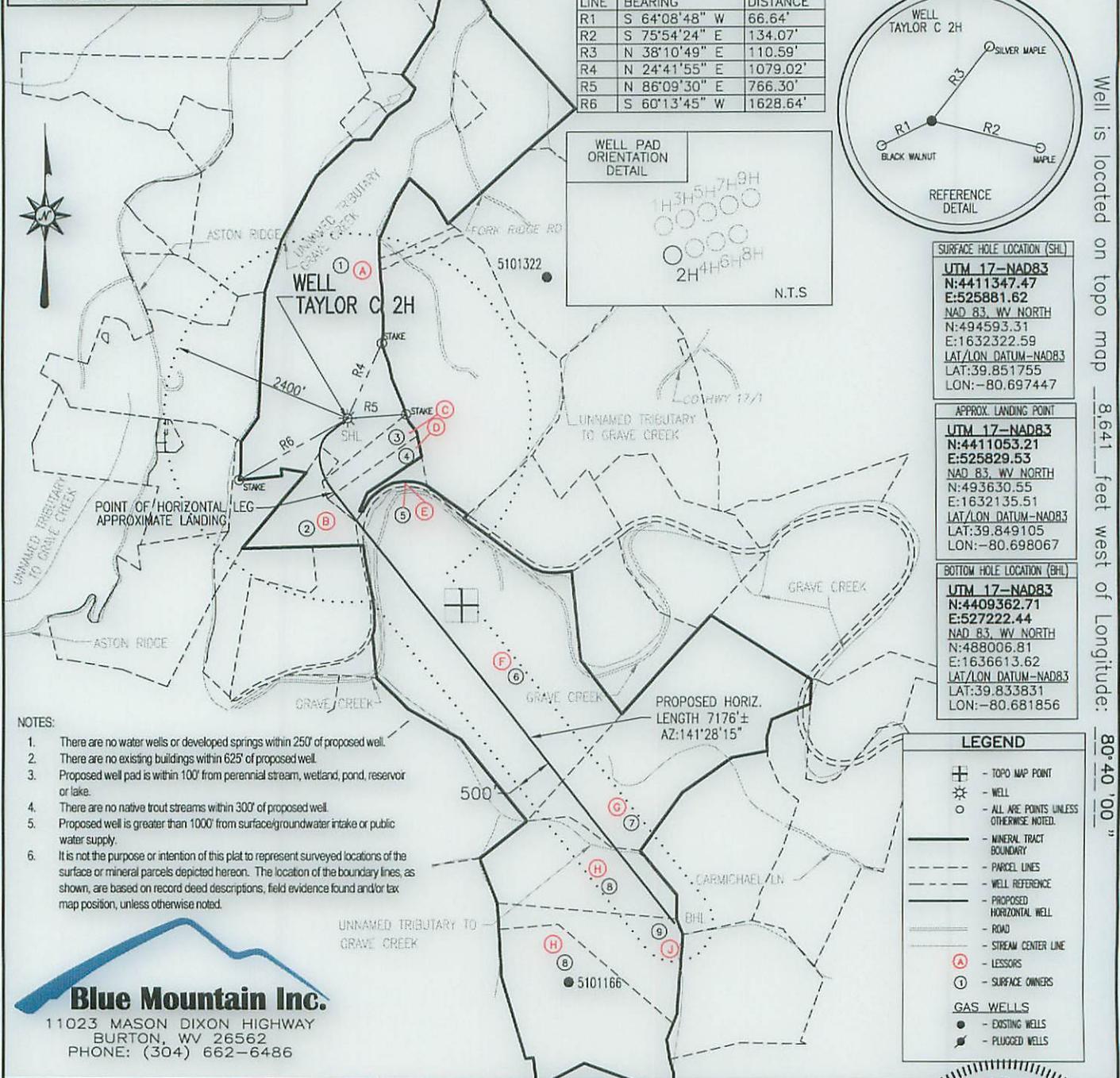
6101796

6101800

6101804

6101808

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS Well is located on topo map 8,467 feet south of Latitude: 39° 52' 30"



Well is located on topo map 8,641 feet west of Longitude: 80° 40' 00"

- NOTES:**
1. There are no water wells or developed springs within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well pad is within 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

Blue Mountain Inc.
 11023 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

FILE #: TAYLOR C 2H
 DRAWING #: TAYLOR C 2H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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

Signed: *George D. Six*
 R.P.E.: _____ L.L.S.: P.S. No. 2000

GEORGE D. SIX
 LICENSED
 No. 2000
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR

PLACE SEAL HERE

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

DATE: DECEMBER 1, 2015
 OPERATOR'S WELL #: TAYLOR C 2H
 API WELL #: 47 51 **01801 P**
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK - GRAVE CREEK ELEVATION: 1257.00'
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'
 SURFACE OWNER: WILLIAMS OHIO VALLEY MIDSTREAM LLC ACREAGE: 265.439±
 OIL & GAS ROYALTY OWNER: LEE R. & SHERRI L. TAYLOR ACREAGE: 741.135±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,555'± TMD: 14,376.3'±
 WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY
 Address 800 MOUNTAIN VIEW DRIVE Address 500 LEE STREET, EAST SUITE 1600
 City SMITHFIELD State PA Zip Code 15478 City CHARLESTON State WV Zip Code 25301-3202

TAYLOR C

2H

PAGE 2 OF 2

	SURFACE OWNER	DIST-TM/PAR
1	WILLIAMS OHIO VALLEY MIDSTREAM LLC	4-10/21
2	ROBERT MORRIS SULLIVAN	4-10/15
3	ROBERT MORRIS SULLIVAN	4-10/22
4	DAVID SHAWN CONNER	4-10/16
5	MURRAY ENERGY	4-10/23
6	CNX LAND RESOURCES INC.	9-2/3
7	GEORGE B. & MARY L. CROW	9-2/6
8	CNX LAND, LLC	9-2/12.1
9	HARRY J. CRAWFORD ET UX - LIFE	9-2/12

	LESSOR
A	LEE R. & SHERRI L. TAYLOR
B	ROBERT MORRIS SULLIVAN
C	ROBERT MORRIS SULLIVAN
D	DAVID SHAWN CONNER
E	CONSOL
F	OKEY D. & JANINA A. BURTON
G	ROSS AVENUE MINERALS 2012, LLC BELMONT ROYALTY AND MINERALS 2012, LLC
H	HARRY J. CRAWFORD ET AL
J	HARRY J. CRAWFORD ET AL

SURFACE HOLE LOCATION (SHL)
UTM_17-NAD83
N:4411347.47
E:525881.62
NAD_83_WV_NORTH
N:494593.31
E:1632322.59
LAT/LON DATUM-NAD83
LAT:39.851755
LON:-80.697447

APPROX. LANDING POINT
UTM_17-NAD83
N:4411053.21
E:525829.53
NAD_83_WV_NORTH
N:493630.55
E:1632135.51
LAT/LON DATUM-NAD83
LAT:39.849105
LON:-80.698067

BOTTOM HOLE LOCATION (BHL)
UTM_17-NAD83
N:4409362.71
E:527222.44
NAD_83_WV_NORTH
N:488006.81
E:1636613.62
LAT/LON DATUM-NAD83
LAT:39.833831
LON:-80.681856

DECEMBER 1, 2015