



03/29/2019

Jackie M. Scholar
Regulatory Reporting Coordinator

January 28, 2019

CERTIFIED MAIL: 7016 0340 0000 4903 5983

WV DEP
Office of Oil and Gas
601 – 57th Street
Charleston, WV 25304

RE: Well Operator's Report of Well Work WR-35
Taylor B 7H

Dear Sir/Madam,

Enclosed here within please find one (1) Well Operator's Report of Well Work WR-35, one (1) copy of the Plat on Mylar, one (1) copy of the FracFocus report, and one (1) copy of the Directional Survey for **Taylor B 7H, (API 47-051-01797)**.

If you have any questions, please contact me at (412) 865-3422. Thank you.

Sincerely,
Chevron Appalachia, LLC

Jackie M. Scholar

Enclosures

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Environmental Protection

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

API 47 - 051 - 01797 County Marshall District Clay
Quad Glen Easton Pad Name Taylor B Field/Pool Name _____
Farm name Williams Ohio Valley Midstream LLC Well Number Taylor B 7H
Operator (as registered with the OOG) Chevron Appalachia, LLC
Address 700 Cherrington Parkway City Coraopolis State PA Zip 15108

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 496408.66 Easting 1635049.09
Landing Point of Curve Northing 495392.91 Easting 1634831.99
Bottom Hole Northing 488596.45 Easting 1640290.46

Elevation (ft) 1222' 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)
Synthetic - barite, fluid loss, emulsifiers, rheological control

Date permit issued 4/7/2015 Date drilling commenced 11/10/2015 Date drilling ceased 11/4/2017
Date completion activities began 6/4/18 Date completion activities ceased 1/24/19
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 797' Open mine(s) (Y/N) depths N
Salt water depth(s) ft _____ Void(s) encountered (Y/N) depths N
Coal depth(s) ft 765' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) Y

Reviewed by: J. Johnson
3/28/19

WR-35
Rev. 8/23/13

API 47-051 - 01797 Farm name Williams Ohio Valley Midstream LLC Well number Taylor B 7H

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"	130'	New			Y
Surface	17 1/2"	13 3/8"	545'	New	J-55 / 54.50#		Y
Coal	12 1/4"	9 5/8"	2209'	New	J-55 / 40#		Y
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	8 1/2"	5 1/2"	15753"	New	P-110 / 20#		Y
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	Bulk Cement	Bulk Cement				Surface	8
Surface	Class A	452	15.6	1.20	542	Surface	8
Coal	Class A	817	15.6	1.19	972	Surface	8
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	Class H	L - 975 / T - 1900	L - 14.7 / T - 15.2	L - 1.13 / T - 1.15	L - 1111 / T - 2416	Surface	8
Tubing							

Drillers TD (ft) ^{15912'} _____ Loggers TD (ft) ^{15912'} _____

Deepest formation penetrated ^{Marcellus} _____ Plug back to (ft) _____

Plug back procedure _____

Kick off depth (ft) ^{5441'} _____

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 A bow string centralizer every two joints on the water string and intermediate. The production string has two centralizers every joint in the lateral and curve, then one every joint from KOP to surface.

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS SEE ATTACHED PERFORATION AND STIMULATION REPORT

WV Department of Environmental Protection

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

API 47-051 - 01797 Farm name Williams Ohio Valley Midstream LLC Well number Taylor B 7H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHED			

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
		SEE	ATTACHED					

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Please insert additional pages as applicable.

WR-35
Rev. 8/23/13

API 47- 051 - 01797 Farm name Williams Ohio Valley Midstream LLC Well number Taylor B 7H

PRODUCING FORMATION(S)	DEPTHS		
Marcellus	6559	TVD	7089 MD

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		
SEE	ATTACHED				

Please insert additional pages as applicable.

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

Logging Company Stratagraph NE Inc
Address 116 Ellsworth Avenue City Marietta State OH Zip 45750

Cementing Company SEE ATTACHED
Address _____ City _____ State _____ Zip _____

Stimulating Company Universal Pressure Pumping Inc.
Address 18360 Technology Drive City Meadville State PA Zip 16335

Please insert additional pages as applicable.

Completed by Jackie M. Scholar Telephone 412-865-3422
Signature  Title Regulatory Compliance Team Lead Date 1/28/19

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Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

API: 47-051-01797

Farm Name: Williams Ohio Valley Midstream

Well Number: Taylor B 7H

PERFORATION RECORD

Stage No.	Perforation Date	Perforated From TMD Ft.	Perforated To TMD Ft.	Number of Perforations	Formation(s)
1	8/23/18	15585	15425	47	Marcellus
2	8/24/18	15385	15225	47	Marcellus
3	8/24/18	15185	15025	47	Marcellus
4	8/25/18	14985	14825	47	Marcellus
5	8/25/18	14785	14625	47	Marcellus
6	8/25/18	14585	14425	47	Marcellus
7	8/26/18	14385	14225	47	Marcellus
8	8/26/18	14185	14025	47	Marcellus
9	8/26/18	13985	13825	47	Marcellus
10	8/27/18	13785	13625	47	Marcellus
11	8/27/18	13585	13425	47	Marcellus
12	8/27/18	13385	13225	47	Marcellus
13	8/28/18	13185	13025	47	Marcellus
14	8/28/18	12985	12825	47	Marcellus
15	8/28/18	12785	12625	47	Marcellus
16	8/28/18	12585	12425	47	Marcellus
17	8/29/18	12385	12225	47	Marcellus
18	8/29/18	12185	12025	47	Marcellus
19	8/30/18	11985	11825	47	Marcellus
20	8/30/18	11785	11625	47	Marcellus
21	8/30/18	11585	11425	47	Marcellus
22	8/31/18	11385	11225	47	Marcellus
23	9/1/18	11185	11025	47	Marcellus
24	9/1/18	10985	10825	47	Marcellus
25	9/1/18	10785	10625	47	Marcellus
26	9/1/18	10585	10425	47	Marcellus
27	9/2/18	10385	10225	47	Marcellus
28	9/2/18	10185	10025	47	Marcellus
29	9/2/18	9985	9825	47	Marcellus
30	9/3/18	9785	9625	47	Marcellus
31	9/3/18	9585	9425	47	Marcellus
32	9/3/18	9385	9225	47	Marcellus
33	9/4/18	9185	9025	47	Marcellus
34	9/5/18	8985	8825	47	Marcellus
35	9/6/18	8785	8625	47	Marcellus
36	9/7/18	8585	8425	47	Marcellus
37	9/8/18	8385	8225	47	Marcellus
38	9/8/18	8185	8025	47	Marcellus
39	9/8/19	7985	7825	47	Marcellus
40	9/9/18	7785	7625	47	Marcellus
41	9/9/18	7585	7425	47	Marcellus
42	9/9/18	7385	7225	47	Marcellus
43	9/10/18	7185	7025	47	Marcellus

9/9/18 Please insert additional copies of this page if additional rows/stages are needed.

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API: 47-051-01797	Well Name: Williams Ohio Valley Midstream	Well Number: Taylor B 7H
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STIMULATION INFORMATION / STAGE								
Complete a separate record for each stimulation stage. (Please insert additional lines for additional stages or additional pages as applicable).								
Stg No.	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/ other (units)
1	8/23/18	82.4	8567	n/a	3958	398266	12972	n/a
2	8/24/18	93.8	8508	6536	4837	400113	9847	n/a
3	8/24/18	100	8781	5843	4905	403699	9695	n/a
4	8/25/18	99.7	8594	6163	4741	401476	9630	n/a
5	8/25/18	99	8365	5636	4825	400153	9690	n/a
6	8/25/18	99.8	8313	6292	4817	400578	9712	n/a
7	8/26/18	100.6	8500	5809	4991	400678	9725	n/a
8	8/26/18	99.9	8514	6189	4917	399664	9670	n/a
9	8/26/18	99.6	8341	6021	4937	399201	9570	n/a
10	8/27/18	99.6	8563	5999	4838	399934	9610	n/a
11	8/27/18	98.4	8706	6299	4783	401407	9670	n/a
12	8/27/18	100.1	8309	6037	4879	404088	9592	n/a
13	8/28/18	100.2	8280	6043	4772	400802	9645	n/a
14	8/28/18	98.9	8077	6364	4766	399883	9547	n/a
15	8/28/18	97.8	8417	6333	4754	399356	9495	n/a
16	8/28/18	101	8556	6775	4688	399684	9556	n/a
17	8/29/18	100	8311	6169	4625	403546	9733	n/a
18	8/29/18	99.7	8166	6245	4799	399440	9487	n/a
19	8/30/18	98.4	8475	6624	4826	399470	9474	n/a
20	8/30/18	100.3	8314	5862	4983	399793	9297	n/a
21	8/30/18	97.7	8606	6023	4604	399414	9478	n/a
22	8/31/18	99.8	8708	6566	4679	399324	9435	n/a
23	9/1/18	99.5	8216	5739	4504	400379	9463	n/a
24	9/1/18	99.7	8159	6245	4643	399528	9383	n/a
25	9/1/18	100.2	8258	6540	5166	399603	9180	n/a
26	9/1/18	99.3	8043	6755	4393	399584	10109	n/a
27	9/2/18	99	7816	5265	4610	399438	9462	n/a
28	9/2/18	98.9	8232	6744	4465	399748	9278	n/a
29	9/2/18	98.8	7780	6538	4412	400558	9317	n/a
30	9/3/18	99.7	7518	5337	4730	400294	9302	n/a
31	9/3/18	100	7693	5638	4572	400172	9300	n/a
32	9/3/18	99.8	7989	6781	4725	400136	9244	n/a
33	9/4/18	100.5	7839	6585	4584	399074	9429	n/a
34	9/5/18	100.3	7876	6368	4752	398856	9335	n/a
35	9/6/18	99.7	7763	5376	4830	401419	9271	n/a
36	9/7/18	98.7	8109	5443	4616	3997750	9245	n/a
37	9/8/18	99.8	7869	7178	4959	400424	9283	n/a
38	9/8/18	100.5	7900	6305	4681	400070	9215	n/a
39	9/8/19	100.5	7915	5906	4753	402854	9169	n/a
40	9/9/18	99.6	7351	6634	4690	399853	9394	n/a
41	9/9/18	100.5	7666	6885	4481	399197	9296	n/a
42	9/9/18	100	8016	7118	4813	403756	9168	n/a
43	9/10/18	100.4	7901	6298	4770	402012	9001	n/a

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WR-35

Page 7 of 9

API: 47-051-01797	Farm Name: Williams Ohio Valley Midstream LLC	Well Number: Taylor B 7H
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DRILLING CONTRACTORS		
Driller	Driller	Driller
Name Rocky Mountain Drilling	Name Highlands Drilling LLC	Name Precision Drilling Holdings Company
Address 185 North Vernal Avenue, Suite 2	Address 900 Virginia Street East	Address 10350 Richmond Avenue, Suite 700
City - State - Zip Vernal, UT 84078	City - State - Zip Charlestown, WV 25301	City - State - Zip Houston, TX 77042

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WR-35

Page 8 of 9

API: 47-051-01797	Farm Name: Williams Ohio Valley Midstream LLC	Well Number: Taylor B 7H
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CEMENTING CONTRACTORS		
Name Baker Hughes	Name BJ Services	Name
Address 5373 West Alabama, Suite 300	Address 3415 Millennium Boulevard SE	Address
City - State - Zip Houston, TX 77056	City - State - Zip Massillon, OH 44646	City - State - Zip

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Taylor B 7H (51-01797)				
Top	Top MD	Base MD	TVD	TVD
Dunkard	0	472	0	472
Waynesburg/Monongahela	472	771	472	771
Pittsburgh Coal	765	771	765	771
Conemaugh	771	1109	771	1109
Salt Sands	1489	1729	1488	1728
Mauch Chunk	1729	1836	1728	1835
Big Lime	1836	1924	1835	1923
Burgoon	1924	2144	1923	2143
Squaw	2144	2269	2143	2268
Weir	2269	2469	2268	2468
Berea	2483	2499	2482	2498
Gordon	2729	2809	2728	2808
Upper Bayard	3082	3114	3081	3113
Rhinestreet	5889	6186	5885	6164
Sycamore	6186	6281	6164	6248
Middlesex	6,512	6,639	6,321	6,399
BRKT	6,639	6,672	6,399	6,417
TLLY	6,672	6,743	6,417	6,452
S5	6,743	6,968	6,452	6,539
S3	6,968	7,074	6,539	6,557
STFD*	7,074	7,089	6,557	6,559
S2.B	7,089	7,188	6,559	6,567
S2.A	7,188		6,567	

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	8/23/2018
Job End Date:	9/10/2018
State:	West Virginia
County:	Marshall
API Number:	47-051-01797-00-00
Operator Name:	Chevron USA Inc.
Well Name and Number:	Taylor B 7H
Latitude:	39.85683800
Longitude:	-80.68782200
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,632
Total Base Water Volume (gal):	17,235,750
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Chevron	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	88.25339	None
Sand	Upp	Proppant					
			Crystalline Silica in the form of Quartz	14808-60-7	99.90000	10.55211	None
HCL Acid (7.5%)	Upp	Acidizing					
			Hydrochloric Acid	7647-01-0	7.50000	0.08063	None
Unislick ST50	Upp	Friction reducer					
			Petroleum distillates, hydrotreated light	64742-47-8	30.00000	0.01984	None
			Ammonium acetate	631-61-8	13.00000	0.00860	None
			Alcohols, ethoxylated	68439-50-9	5.00000	0.00331	None
			Alcohols, ethoxylated	68551-12-2	5.00000	0.00331	None
			Alcohols, ethoxylated	68002-97-1	5.00000	0.00331	None
K-Bac 1020	Upp	Biocide					
			Polyethylene glycol	7732-18-5	50.00000	0.00443	None
			Water	7732-18-5	30.00000	0.00266	None
			2,2-Dibromo-3-nitropropionamide	10222-01-2	21.00000	0.00186	None

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Iron Control A	UPP	Iron Control Agent					
			Ethylene Glycol	107-21-1	30.00000	0.00544	None
Scale Inhibitor E	UPP	Scale Inhibitor					
			Copolymer of Maleic and Acrylic Acid	52255-49-9	20.00000	0.00277	None
			Hexamethylene Triamine Penta (Methylene Phosphonic Acid)	34690-00-1	5.00000	0.00069	None
			DETA phosphonate	15827-60-8	5.00000	0.00069	None
Unihib G	UPP	Acid inhibitor					
			Butyl diglycol	112-34-5	75.00000	0.00063	None
			Alcohols, C10-16, ethoxylated	68002-97-1	50.00000	0.00042	None
			Methanol	67-56-1	5.00000	0.00004	None
			Formaldehyde	50-00-0	1.00000	0.00001	None
			Thiourea	62-56-6	1.00000	0.00001	None
K-Bac 1005	UPP	Biocide					
			Polyethylene glycol	7732-18-5	50.00000	0.00053	None
			Water	7732-18-5	44.30000	0.00047	None
			2,2-Dibromo-3-nitripropionamide	10222-01-2	5.80000	0.00006	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
Other Chemical(s)	Listed Above	See Trade Name(s) List					
			Ammonium acetate	631-61-8	13.00000	0.00860	
			Polyethylene glycol	7732-18-5	50.00000	0.00443	
			Alcohols, ethoxylated	68551-12-2	5.00000	0.00331	
			Alcohols, ethoxylated	68439-50-9	5.00000	0.00331	
			Alcohols, ethoxylated	68002-97-1	5.00000	0.00331	
			Water	7732-18-5	30.00000	0.00266	
			DETA phosphonate	15827-60-8	5.00000	0.00069	
			Hexamethylene Triamine Penta (Methylene Phosphonic Acid)	34690-00-1	5.00000	0.00069	
			Polyethylene glycol	7732-18-5	50.00000	0.00053	
			Water	7732-18-5	44.30000	0.00047	
			Alcohols, C10-16, ethoxylated	68002-97-1	50.00000	0.00042	
			Methanol	67-56-1	5.00000	0.00004	
			Formaldehyde	50-00-0	1.00000	0.00001	
			Thiourea	62-56-6	1.00000	0.00001	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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AS DRILLED PLAT

BHL is located on topo map 14,359 feet south of Latitude: 39° 52' 30"
 SHL is located on topo map 6,616 feet south of Latitude: 39° 52' 30"



SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

AS DRILLED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4411814.41
 E:526703.02
 NAD 83, WV NORTH
 N:496408.66
 E:1635049.09
 LAT/LON DATUM-NAD83
 LAT:39.856839
 LON:-80.687822

PERMITTED APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4411604.90
 E:526654.50
 NAD 83, WV NORTH
 N:495395.65
 E:1634872.90
 LAT/LON DATUM-NAD83
 LAT:39.854050
 LON:-80.688403

AS DRILLED APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4411603.85
 E:526642.05
 NAD 83, WV NORTH
 N:495392.91
 E:1634831.99
 LAT/LON DATUM-NAD83
 LAT:39.854042
 LON:-80.688547

BHL is located on topo map 597 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 5,939 feet west of Longitude: 80° 40' 00"

03/29/2019

PERMITTED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4411914.41
 E:526703.02
 NAD 83, WV NORTH
 N:496408.66
 E:1635049.09
 LAT/LON DATUM-NAD83
 LAT:39.856839
 LON:-80.687822

NOTES:

- There are no water wells or developed springs within 250' of proposed well.
- There are no existing buildings within 625' of proposed well.
- Proposed well pad is within 100' from perennial stream, wetland, pond, reservoir or lake.
- There are no native trout streams within 300' of proposed well.
- Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
- 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.

LEGEND

- TOPO MAP POINT
- WELL
- ALL APC POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PAGE LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- AS DRILLED
- ROAD
- STREAM CENTER LINE
- LESSORS
- SURFACE OWNERS
- GAS WELLS
 - EXISTING WELLS
 - PLUGGED WELLS

LINE	BEARING	DISTANCE
B1	S 32°08'58" W	272.53'
F1	N 37°23'19" E	203.40'
B2	N 80°58'32" E	103.42'
F4	N 65°09'14" W	1343.09'
B5	N 26°24'54" E	1296.84'
B6	S 85°55'13" E	1092.22'

PERMITTED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4409556.99
 E:528340.53
 NAD 83, WV NORTH
 N:488583.01
 E:1640293.25
 LAT/LON DATUM-NAD83
 LAT:39.835544
 LON:-80.688781

AS DRILLED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4409561.07
 E:528338.61
 NAD 83, WV NORTH
 N:488586.45
 E:1640290.48
 LAT/LON DATUM-NAD83
 LAT:39.835581
 LON:-80.688792



Blue Mountain Inc.
 10125 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

FILE #: TAYLOR B 7H-AS DRILLED
 DRAWING #: TAYLOR B 7H-AS DRILLED
 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



PLACE SEAL HERE

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



DATE: JANUARY 08, 2018
 OPERATOR'S WELL #: TAYLOR B 7H-AS DRILLED
 API WELL #: 47 51 01797
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1222.00'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: WILLIAMS OHIO VALLEY MIDSTREAM LLC ACREAGE: 91.93±

OIL & GAS ROYALTY OWNER: LEE R. & SHERRI L. TAYLOR ACREAGE: 771.517±

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

(SPECIFY): AS DRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,533'± TMD: 15,905.86'±

WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY

Address 700 CHERRINGTON PARKWAY Address 500 LEE STREET, EAST SUITE 1600

City CORAOPOLIS State PA Zip Code 15108 City CHARLESTON State WV Zip Code 25301-3202

TAYLOR B 7H PAGE 2 OF 2

AS DRILLED PLAT

03/29/2019

	SURFACE OWNER	DIST-TM/PAR
1	WILLIAMS OHIO VALLEY MIDSTREAM LLC	4-10/20
2	BRANDAN J. MCCARTHY & JOSEPH E. BOJALAD III	4-10/19
3	PHILIP L. KUHN EST. - LIFE	3-12/2
4	LAWRENCE & SHIRLEY CONKLE ESTATES	9-2/4
5	CONSOLIDATION COAL COMPANY	3-12/28
6	TRACIE L. WEST ET AL	9-2/5
7	GEORGE B. & MARY L. CROW	9-2/6
8	SHARON L. GRUBE, ET AL	3-12/6
9	JAMES POMPEO	9-2/8
10	WILLIAM E. & AMANDA N. TOLAND	9-2/9

	LESSOR
A	LEE R. & SHERRI L. TAYLOR
B	ROBERT S. & BETTY J. BIRD
C	HOWARD LEE KUHN ET AL
D	LAURA ANN CASEY
E	CNX GAS COMPANY LLC
F	TRACIE J. WEST
G	CHARLES R. KERNAN ET UX
H	CHARLES A. & LINDA J. RILEY
J	FREDDIE C. & VIOLET L. WHITE
K	HAYHURST COMPANY (50% INT)
	FREDDIE C. & VIOLET L. WHITE
	BONNIE WHITE
	BRENDA WEST
	CHAROLETTE A. WHITE
	LORETTA CHAMBERS
	COREY WHITE
	SHAWN AYERS
	TIMOTHY POGUE
	POLLY FAYE GRIFFIN
RUTH ANN WHIPKEY	

PERMITTED SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4411914.41 E:526703.02 NAD 83, WV NORTH N:496408.66 E:1635049.09 LAT/LON DATUM-NAD83 LAT:39.856839 LON:-80.687822

PERMITTED APPROX. LANDING POINT
UTM 17-NAD83(M) N:4411604.90 E:526654.50 NAD 83, WV NORTH N:495395.65 E:1634872.90 LAT/LON DATUM-NAD83 LAT:39.854050 LON:-80.688403

PERMITTED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4409556.99 E:528340.53 NAD 83, WV NORTH N:488583.01 E:1640293.25 LAT/LON DATUM-NAD83 LAT:39.835544 LON:-80.668781

AS DRILLED SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4411914.41 E:526703.02 NAD 83, WV NORTH N:496408.66 E:1635049.09 LAT/LON DATUM-NAD83 LAT:39.856839 LON:-80.687822

AS DRILLED APPROX. LANDING POINT
UTM 17-NAD83(M) N:4411603.85 E:526642.05 NAD 83, WV NORTH N:495392.91 E:1634831.99 LAT/LON DATUM-NAD83 LAT:39.854042 LON:-80.688547

AS DRILLED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4409561.07 E:528339.61 NAD 83, WV NORTH N:488596.45 E:1640290.46 LAT/LON DATUM-NAD83 LAT:39.835581 LON:-80.668792

JANUARY 08, 2018