

Amended

WR-35
Rev. 8/23/13

Page 1 of 5

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

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Office of Oil and Gas

APR 06 2016

WV Department of
Environmental Protection

API 47 - 103 - 02928 County WETZEL District Clay
Quad LITTLETON 7.5' Pad Name GREEN DOT UNIT II Field/Pool Name MARCELLUS
Farm name CRUPPENINK, QUENTIN Well Number GREEN DOT UNIT II 5H
Operator (as registered with the OOG) STATOIL USA ONSHORE PROPERTIES, INC.
Address 6300 Bridge Point Pky, Suite 500 City HOUSTON State TX Zip 79730

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing ~~432528~~ 4392661 Easting ~~1705201~~ 538823
Landing Point of Curve Northing ~~431690~~ 4392402 Easting ~~1704466~~ 538603
Bottom Hole Northing ~~427513~~ 4391152 Easting ~~1708769~~ 539935

Elevation (ft) 1480' 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)
Surface - Drill Water; Intermediate - KCl/Polymer; Production - Cyberdrill

Date permit issued 11/21/2013 Date drilling commenced 11/13/14 Date drilling ceased 01/04/15
Date completion activities began 03/10/15 Date completion activities ceased 03/19/2015
Verbal plugging (Y/N) N/A 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 763' estimated Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2150' estimated Void(s) encountered (Y/N) depths N
Coal depth(s) ft N Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED

NAME: Jacquelin Thronta
DATE: 6/1/2016

Reviewed by:

Axw...
07/07/2016

API 47-103 - 02928 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 5H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade w/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	24"	20"	100'	NEW	94#		
Surface	17 1/2"	13 3/8"	851'	NEW	J-55; 54.5#		Y, 25 BBLs
Coal							
Intermediate 1	12 1/4"	9 5/8"	2858'	NEW	J-55; 36#		Y, 20 BBLs
Intermediate 2							
Intermediate 3							
Production	8 3/4"	5 1/2"	14,378'	NEW	P-110; 20#		Y, 42 BBL SPACER TO SURFACE
Tubing	4 5/8"	2 3/4"	7614'	NEW	L-80		
Packer type and depth set		VersaSet Packer set at 7609'					

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							
Surface	Class A	320	15.8	2.3 yld	739.2	Surface	35 DAYS X 24
Coal							
Intermediate 1	Class A	490	15.8	2.31	1131.9	SURFACE	11 HRS
Intermediate 2							
Intermediate 3							
Production	Class A	2705	13.5	1.29	3489.45	375'	> 8 HRS
Tubing							

Drillers TD (ft) 14376' _____
 Deepest formation penetrated MARCELLUS _____
 Plug back procedure _____

Loggers TD (ft) 14399' _____
 Plug back to (ft) N/A _____

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Kick off depth (ft) _____

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

WV Department of Environmental Protection

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

Surface: 1 Centralizer with stop collar 10 ft above float shoe. One single bow every joint to 100ft below surface.
 Intermediate: 1 centralizer with stop collar 10 ft above float shoe. 1 centralizer with stop collar 10 ft above float collar. 1 centralizer every joint for the first 15 joints. One centralizer every 3 joints to 100 ft below surface.
 Production: 1 centralizer w/ stop collar 10ft above shoe. 1 centralizer 10ft above float collar. 1 centralizer every joint (floating) until KOP 1 centralizer every 3 joints (floating) until 200ft inside intermediate shoe. 1 centralizer 50ft below mandrel hanger.

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS FRACTURED FROM 14089 TO 7389. 48 PERFS PER STAGE @ 6 SHOTS PER FOOT.

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

WV Department of Environmental Protection

07/01/2016

API 47- 103 - 02928 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 5H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	03/10/15	14089'	13909'	48	MARCELLUS
2	03/11/15	13789'	13609'	48	MARCELLUS
3	03/11/15	13489'	13309'	48	MARCELLUS
4	03/12/15	13186'	13016'	48	MARCELLUS
5	03/12/15	12889'	12709'	48	MARCELLUS
6	03/13/15	12594'	12414'	48	MARCELLUS
7	03/13/15	12289'	12109'	48	MARCELLUS
8	03/14/15	11989'	11806'	48	MARCELLUS
9	03/14/15	11689'	11509'	48	MARCELLUS
10	03/15/15	11389'	11202'	48	MARCELLUS
11	03/15/15	11089'	10909'	48	MARCELLUS
12	03/16/15	10780'	10609'	48	MARCELLUS
13	03/16/15	10489'	10309'	48	MARCELLUS
14	03/16/15	10189'	10009'	48	MARCELLUS
15	03/17/15	9889'	9709'	48	MARCELLUS
16	03/17/15	9589'	9409'	48	MARCELLUS

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)
1	03/10/15	80	8106	8313	4182	441,735	8026	
2	03/11/15	76	8261	7813	4704	441,735	8417	
3	03/11/15	84	8204	7842	4647	441,735	7304	
4	03/12/15	84	7637	7637	4964	441,735	8285	
5	03/12/15	82	8087	8177	4963	441,735	7529	
6	03/13/15	84	8056	7682	4788	441,735	7439	
7	03/13/15	82	8056	7699	4882	441,735	7245	
8	03/14/15	83	7908	7205	5474	441,735	7240	
9	03/14/15	84	7990	7012	5827	441,735	7165	
10	03/15/15	85	7799	7801	5035	441,735	8652	
11	03/15/15	82	8050	8007	4778	441,735	8601	
12	03/16/15	85	8129	7181	5371	441,735	6392	
13	03/16/15	84	7717	7055	5855	441,735	7019	
14	03/16/15	84	7740	7264	5686	441,735	7082	
15	03/17/15	84	7822	7447	4109	441,735	7009	
16	03/17/15	85	7482	6526	5390	441,735	6992	

Please insert additional pages as applicable.

API 47- 103 - 0292 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 5H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
17	03/18/15	9289'	9109'	48	MARCELLUS
18	03/18/15	8989'	8809'	48	MARCELLUS
19	03/18/15	7689'	7509'	48	MARCELLUS
20	03/19/15	7389'		48	MARCELLUS

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 Other (units)
17	03/18/15	86	7499	7029	4495	441,735	7198	
18	03/18/15	85	7158	6377	4450	441,735	6898	
19	03/18/15	85	7126	6689	4473	441,735	6898	
20	03/19/15	85	7330	7149	4360	441,735	6792	

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Please insert additional pages as applicable.

API 47- 103 - 02928 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 5H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>7653'</u>	<u>TVD</u>	<u>8088'</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3572 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 4056 mcfpd Oil _____ bpd NGL _____ bpd Water 311 bpd
GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	<u>0</u>		<u>0</u>		
<u>WEST RIVER</u>	<u>7419'</u>	<u>7501'</u>	<u>7615'</u>	<u>7727'</u>	<u>SHALE</u>
<u>GENESEO</u>	<u>7501'</u>	<u>7523'</u>	<u>7728'</u>	<u>7763'</u>	<u>SHALE, SINGLE GAS SHOW</u>
<u>TULLY</u>	<u>7523'</u>	<u>7506'</u>	<u>7763'</u>	<u>7806'</u>	<u>CARBONACEOUS SHALE</u>
<u>HAMILTON</u>	<u>7550'</u>	<u>8095'</u>	<u>7806'</u>	<u>8095'</u>	<u>SHALE</u>
<u>MARCELLUS</u>	<u>7654'</u>	<u>-</u>	<u>8095'</u>	<u>-</u>	<u>SHALE, GAS THROUGHOUT FORMATION</u>

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Please insert additional pages as applicable.

Drilling Contractor ORION DRILLING
Address _____ City _____ State _____ Zip _____

Logging Company HALLIBURTON
Address _____ City _____ State _____ Zip _____

Cementing Company HALLIBURTON
Address _____ City _____ State _____ Zip _____

Stimulating Company PRODUCERS SERVICE CORP
Address 109 S. GRAHAM STREET City ZANESVILLE State OH Zip 43701

Please insert additional pages as applicable.

Completed by Bekki Winfree Telephone 713-240-9015
Signature *Bekki Winfree* Title Sr. Regulatory Advisor Date 03/31/2016

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

07/01/2016



March 31, 2016

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

Reference: Green Dot 5H, API 47-103-02928
WR-36 – Initial Gas-Oil Ratio
WR-35 – Updated for Production

Gentlemen:

Statoil USA Onshore Properties Inc. herein submits the WR-35 Initial Gas-Oil Ratio and updated WR-35 for Green Dot 5H (API No. 47-103-02928). The well was turned on directly to production on 7/23/15; however, it was only recently discovered that the corresponding paperwork had not been filed.

Should you have any questions or require additional information please contact the undersigned at 713-240-9015 or bekw@statoil.com.

Sincerely,

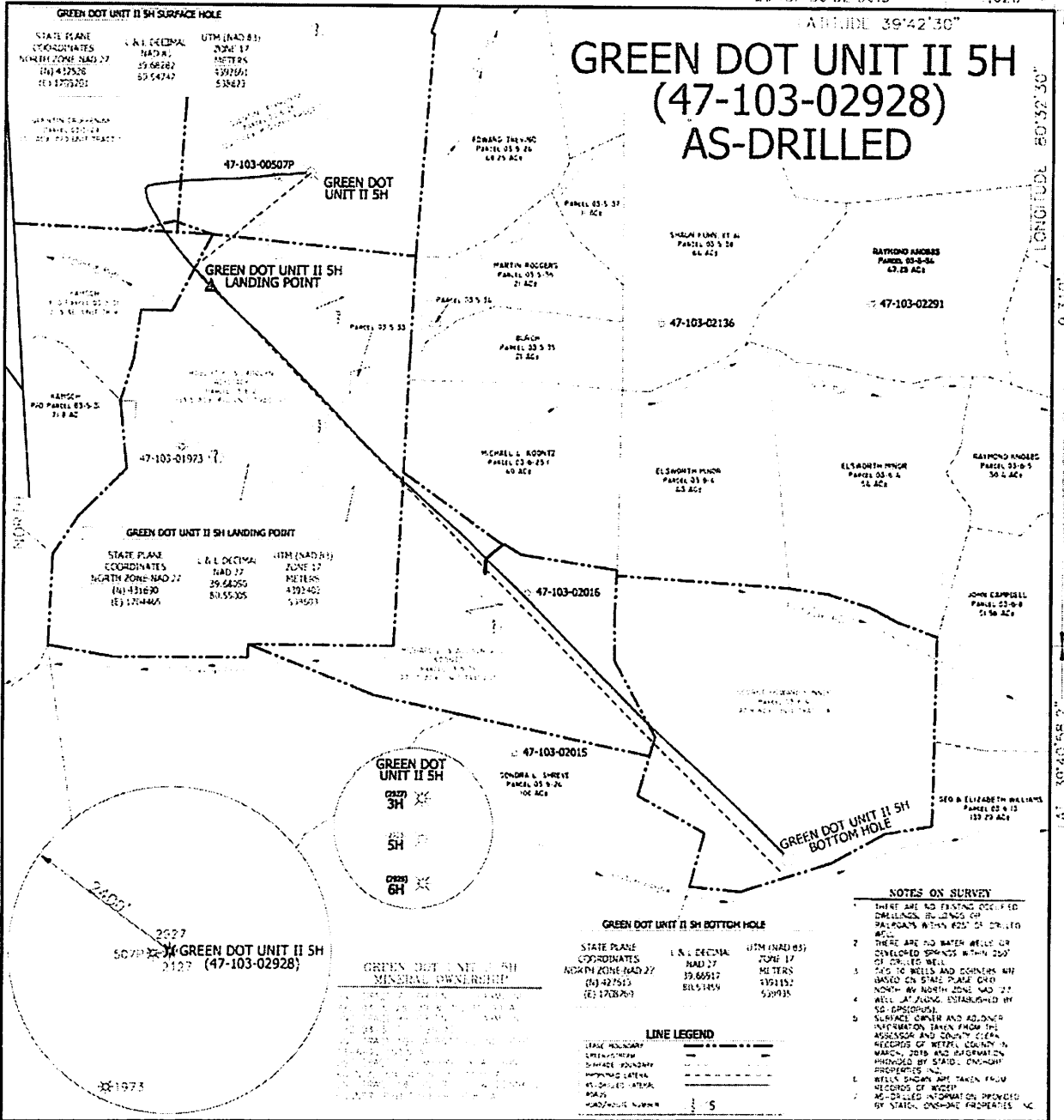
A handwritten signature in blue ink, appearing to read "Bekki Winfree".

Bekki Winfree
Sr. Regulatory Advisor – Marcellus Asset

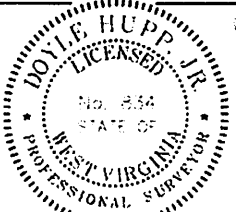
Enclosure

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Environmental Protection
WV Department of
Environmental Protection

07/01/2016



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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE: JUNE 4, 2010
 OPERATORS WELL NO. GREEN DOT UNIT II 5H
 API NO. 47-103-02928
 WELL NO. 47-103-02928
 STATE COUNTY PERMIT

P.S.
 854
HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7066 FAX: hupp@westnet.net

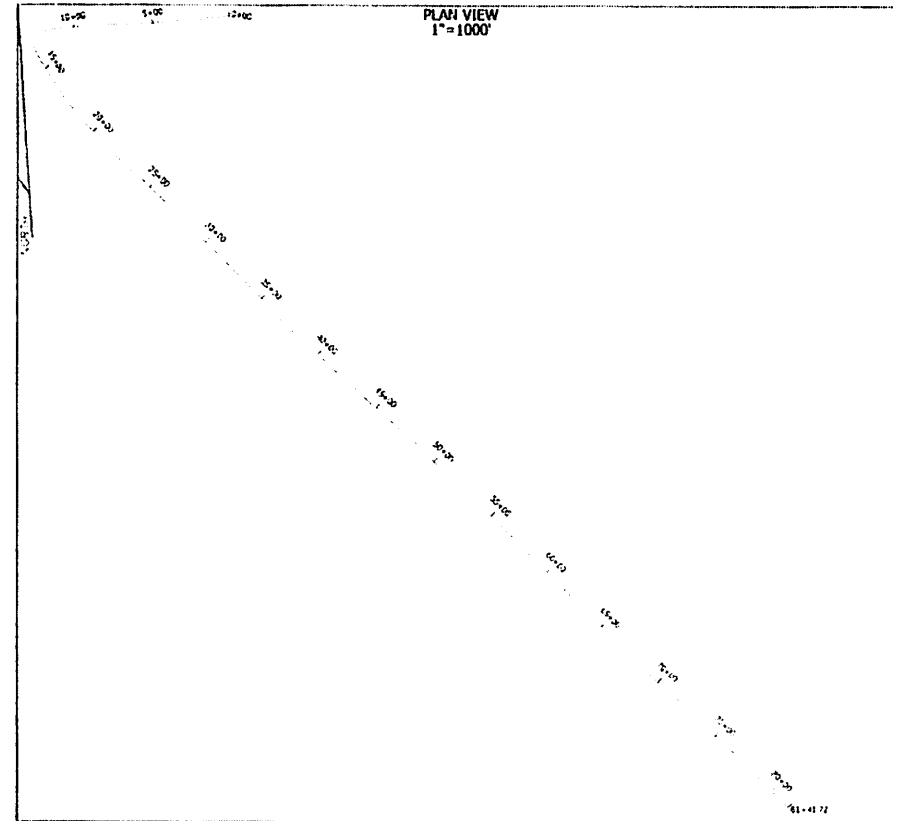
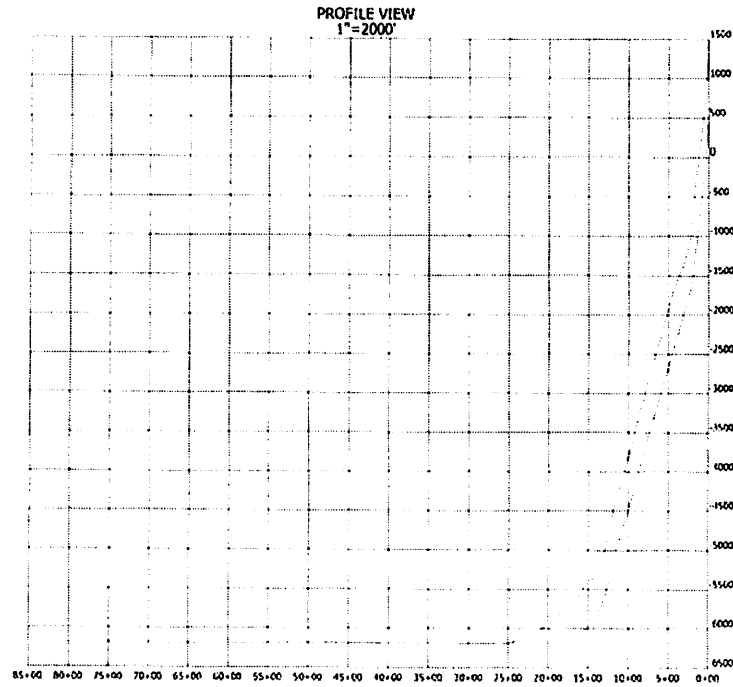
MINIMUM DEGREE OF ACCURACY: 1/2"=100' FILE NO. W2377 (B*77-10)
 PROVEN SOURCE OF ELEVATION: 80+ GPS (OPUS) SCALE: 1"=1000'

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

WELL TYPE: OIL GAS X LIQUID WASTE DISPOSAL "GAS" PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION: 480' WATERSHED: CROOKED RUN & BAT RUN
 DISTRICT: WAY COUNTY: WELLS QUADRANGLE: LITTLETON 15N
 SURFACE OWNER: QUEEN IN DRUMHINNAK ACREAGE: 124.7 AC
 ROYALTY OWNER: GREEN DOT FARM, INC. et al LEASE ACREAGE: 644.92 AC
 PROPOSED WORK: LEASE NO.
 DRILLING: CONVENTIONAL DRILL DEEPER DRILL RIG FACTURE OR STIMULATE FLUID (GEL) OR
 FORMATION: PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REFLUG OTHER
 PHYSICAL CHANGE IN WELL (SPEARING) TARGET FORMATION: MARCELLUS

07/01/2016

PLAN AND PROFILE VIEW FOR GREEN DOT UNIT II 5H



NOTES

1. AS DRILLED DATA WAS PROVIDED BY STATE OF USA ONSHORE PROPERTIES INC.
2. HSM IS NOT WARRANTING THIS DATA AND IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA THAT HAS BEEN PROVIDED.

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 364-7635 E-MAIL: hupp@frontiernet.net

W. DAVIS, JR.
REGISTERED SURVEYOR

API 47-103 - 02928 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 5H

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	24"	20"	100'	NEW	94#		
Surface	17 1/2"	13 3/8"	851'	NEW	J-55; 54.5#		Y, 25 BBLs
Coal							
Intermediate 1	12 1/4"	9 5/8"	2858'	NEW	J-55; 36#		Y, 20 BBLs
Intermediate 2							
Intermediate 3							
Production	8 3/4"	5 1/2"	14,378'	NEW	P-110; 20#		Y, 42 BBL SPACER TO SURFACE
Tubing	4 5/8"	2 3/4"	7614'	NEW	L-80		
Packer type and depth set		VersaSet Packer set at 7609'					

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							
Surface	Class A	320	15.8	2.3 yld	739.2	Surface	35 DAYS X 24
Coal							
Intermediate 1	Class A	490	15.8	2.31	1131.9	SURFACE	11 HRS
Intermediate 2							
Intermediate 3							
Production	Class A	2705	13.5	1.29	3489.45	375'	> 8 HRS
Tubing							

Drillers TD (ft) 14376' Loggers TD (ft) 14399'

Deepest formation penetrated MARCELLUS Plug back to (ft) N/A

Plug back procedure _____

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Kick off depth (ft) _____

APR 06 2016

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

WV Department of
Environmental Protection

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

Surface: 1 Centralizer with stop collar 10 ft above floatshoe. One single bow every joint to 100ft below surface.
 Intermediate: 1 centralizer with stop collar 10 ft above float shoe. 1 centralizer with stop collar 10 ft above float collar. 1 centralizer every joint for the first 15 joints. One centralizer every 3 joints to 100 ft below surface.
 Production: 1 centralizer w/ stop collar 10ft above shoe. 1 centralizer 10ft above float collar. 1 centralizer every joint (floating) until KOP. 1 centralizer every 3 joints (floating) until 200ft inside intermediate shoe. 1 centralizer 50ft below mandrel hanger

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS FRACTURED FROM 14089 TO 7884. 6 PERFS PER STAGE @ 6 SHOTS PER FOOT.

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

WV Department of
Environmental Protection

07/01/2016

API 47- 103 - 02928 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 5H

PERFORATION RECORD

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Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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4	03/12/15	84	7637	7637	4964	441,735	8285	
5	03/12/15	82	8087	8177	4963	441,735	7529	
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7	03/13/15	82	8056	7699	4882	441,735	7245	
8	03/14/15	83	7908	7205	5474	441,735	7240	
9	03/14/15	84	7990	7012	5827	441,735	7165	
10	03/15/15	85	7799	7801	5035	441,735	8652	
11	03/15/15	82	8050	8007	4778	441,735	8601	
12	03/16/15	85	8129	7181	5371	441,735	6392	
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15	03/17/15	84	7822	7447	4109	441,735	7009	
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Please insert additional pages as applicable.

API 47- 103 - 0292 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 5H

PERFORATION RECORD

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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)
17	03/18/15	86	7499	7029	4495	441,735	7198	
18	03/18/15	85	7158	6377	4450	441,735	6898	
19	03/18/15	85	7126	6689	4473	441,735	6898	
20	03/19/15	85	7330	7149	4360	441,735	6792	

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WV Department of Environmental Protection

Please insert additional pages as applicable.

API 47- 103 - 02928 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 5H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>7653'</u>	<u>TVD</u>	<u>8088'</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3572 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 4056 mcfpd Oil _____ bpd NGL _____ bpd Water 311 bpd
GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	<u>0</u>		<u>0</u>		
<u>WEST RIVER</u>	<u>7419'</u>	<u>7501'</u>	<u>7615'</u>	<u>7727'</u>	<u>SHALE</u>
<u>GENESEO</u>	<u>7501'</u>	<u>7523'</u>	<u>7728'</u>	<u>7763'</u>	<u>SHALE, SINGLE GAS SHOW</u>
<u>TULLY</u>	<u>7523'</u>	<u>7506'</u>	<u>7763'</u>	<u>7806'</u>	<u>CARBONACEOUS SHALE</u>
<u>HAMILTON</u>	<u>7550'</u>	<u>8095'</u>	<u>7806'</u>	<u>8095'</u>	<u>SHALE</u>
<u>MARCELLUS</u>	<u>7654'</u>	<u>-</u>	<u>8095'</u>	<u>-</u>	<u>SHALE, GAS THROUGHOUT FORMATION</u>

RECEIVED
Office of Oil and Gas
APR 06 2016
WV Department of
Environmental Protection

Please insert additional pages as applicable.

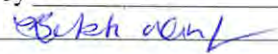
Drilling Contractor ORION DRILLING
Address _____ City _____ State _____ Zip _____

Logging Company HALLIBURTON
Address _____ City _____ State _____ Zip _____

Cementing Company HALLIBURTON
Address _____ City _____ State _____ Zip _____

Stimulating Company PRODUCERS SERVICE CORP
Address 109 S. GRAHAM STREET City ZANESVILLE State OH Zip 43701

Please insert additional pages as applicable.

Completed by Bekki Winfree Telephone 713-240-9015
Signature  Title Sr. Regulatory Advisor Date 03/31/2016

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

07/01/2016



March 31, 2016

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

Reference: Green Dot 5H, API 47-103-02928
WR-36 – Initial Gas-Oil Ratio
WR-35 – Updated for Production

Gentlemen:

Statoil USA Onshore Properties Inc. herein submits the WR-35 Initial Gas-Oil Ratio and updated WR-35 for Green Dot 5H (API No. 47-103-02928). The well was turned on directly to production on 7/23/15; however, it was only recently discovered that the corresponding paperwork had not been filed.

Should you have any questions or require additional information please contact the undersigned at 713-240-9015 or bekw@statoil.com.

Sincerely,

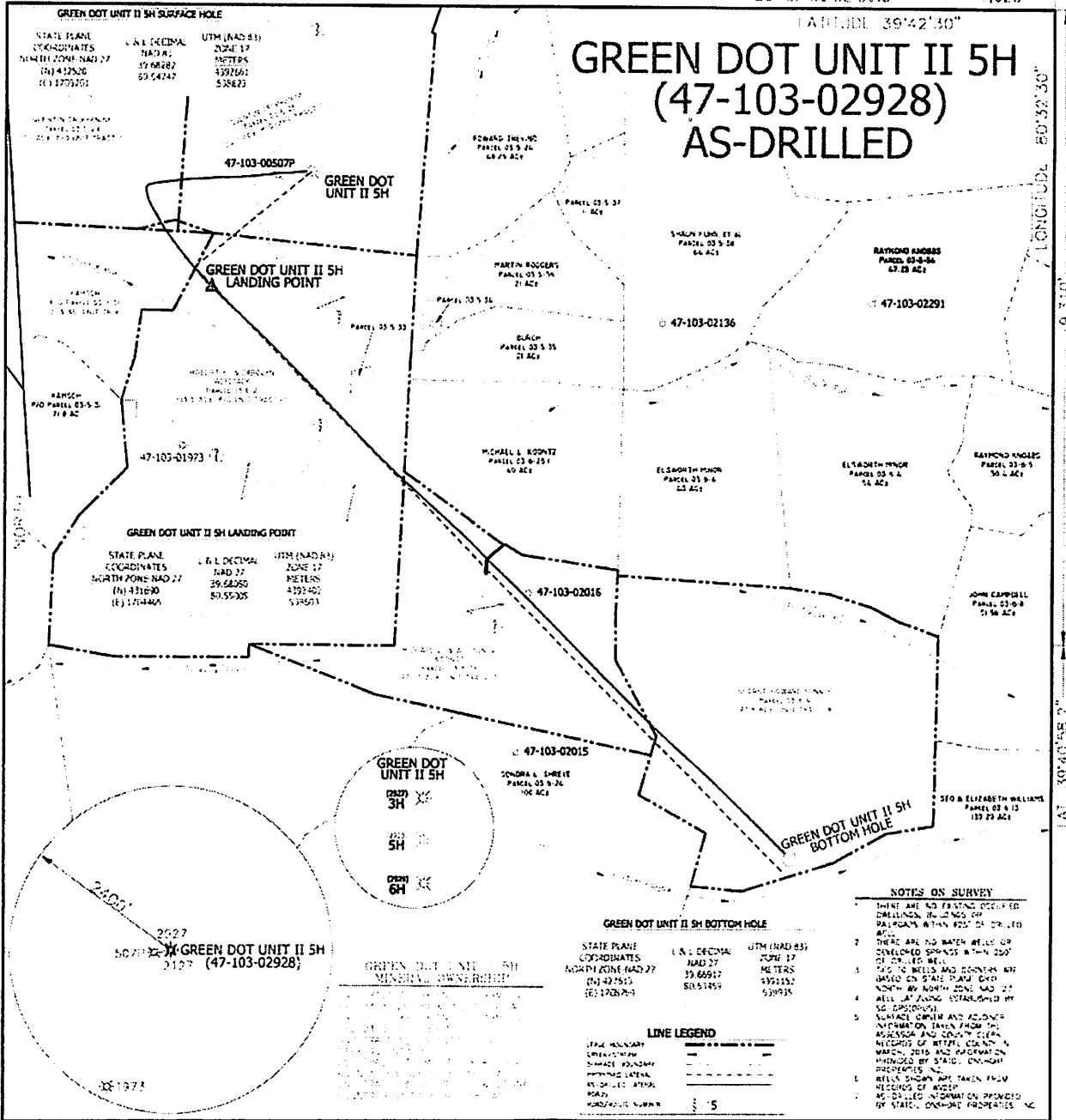
A handwritten signature in blue ink that reads "Bekki Winfree".

Bekki Winfree
Sr. Regulatory Advisor – Marcellus Asset

Enclosure

RECEIVED
Office of Oil and Gas
RECEIVED
Office of Oil and Gas
APR 05 2016
APR 06 2016
WV Department of
Environmental Protection
WV Department of
Environmental Protection

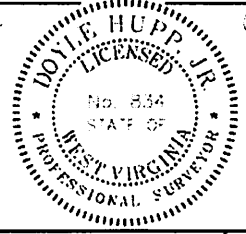
07/01/2016



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

P.S.
354

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7616 FAX: hupp@freemove.net



(-) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JUNE 4, 2015

OPERATORS WELL NO. GREEN DOT UNIT II 5H

API NO. 47-103-02928

WELL NO. 47-103-02928

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500

PROVEN SOURCE OF ELEVATION 80+GPS (OPUS)

FILE NO. W2377 (8-77-10)

SCALE 1" = 100'

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

WELL TYPE: OIL GAS LIQUID WASTE WATER OTHER

INJECTION DISPOSAL "WAB" PRODUCTION STORAGE DEEP SHALLOW

FORMATION: CONCRETE DRILL BEHIND PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY): TARGET FORMATION MARCELLUS

WELL DEPTH: 480'

WATERFLOOD: DRILLED RUN & BAT RUN

DISTRICT: WAY COUNTY: MARIETTA QUADRANGLE: GREEN DOT UNIT II 5H

SURFACE OWNER: QUEENIN DRUMPHENNA ACREAGE: 24.7 A

ROYALTY OWNER: GREEN DOT FARM, INC. LEASE ACREAGE: 644.00 A

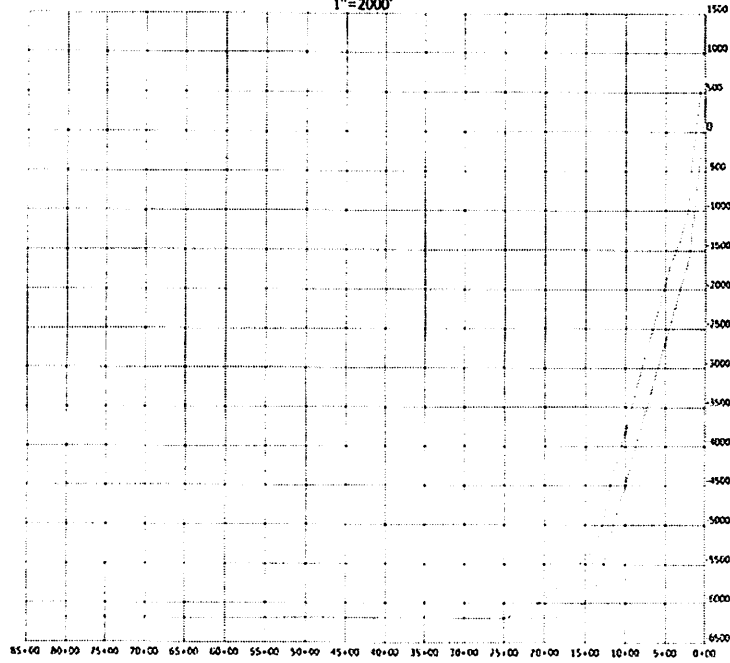
PROPOSED WORK: LEASE NO. _____

DRILLING: CONCRETE DRILL BEHIND PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

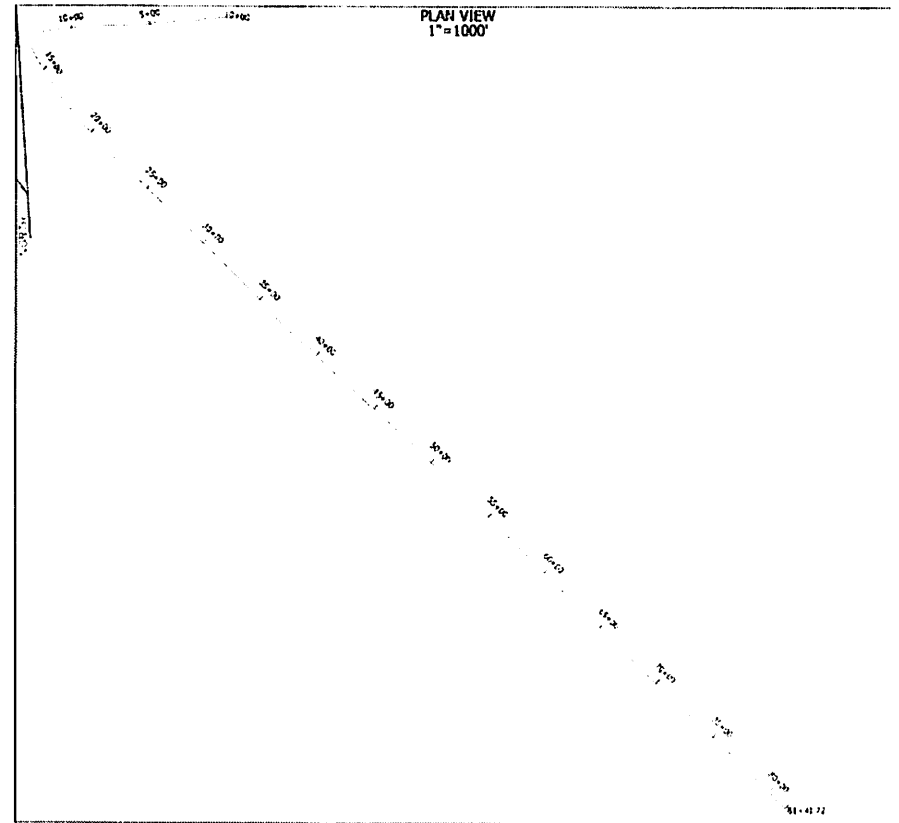
07/01/2016

PLAN AND PROFILE VIEW FOR GREEN DOT UNIT II 5H

PROFILE VIEW
1"=2000'



PLAN VIEW
1"=1000'



NOTES

1. AS DRILLED DATA WAS PROVIDED BY STATE OF USA ONSHORE PROPERTIES INC.
2. HEM IS NOT VERIFYING THIS DATA AND IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA THAT HAS BEEN PROVIDED.

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(204) 364-7635 E-Mail: hupp@frontiernet.net

PL. DATE: 08/20/08
PROJECT: 08/08