

Amended

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

API 47-103-02929 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 6H
Operator (as registered with the OOG) STATOIL USA ONSHORE PROPERTIES, INC.
Address 6300 Bridge Point Pky, Suite 500 City Austin State TX Zip 78730

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing ~~432520~~ 4392659 Easting ~~538823~~ 538823
Landing Point of Curve Northing ~~432348~~ 4392591 Easting ~~1704033~~ 538468
Bottom Hole Northing ~~436348~~ 4393798 Easting ~~1699847~~ 537163

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 11/15/14 Date drilling ceased 12/17/14
Date completion activities began 03/13/15 Date completion activities ceased 04/06/15
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 _____
Salt water depth(s) ft 2150' estimated Void(s) encountered (Y/N) depths _____
Coal depth(s) ft N Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) N

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N
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Reviewed by:

AX 06/28/16

API 47-103 - 02929 Farm name CRUPPENINK, QUENTIN Well number GREEN DOT UNIT II 6H

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"		NEW	J-55; 54.5#		Y, 15 BBLS
Coal			851'				
Intermediate 1	12 1/4"	9 5/8"	2850'	NEW	J-55; 36#		Y, 23 BBLS
Intermediate 2							
Intermediate 3							
Production	8 1/2"	5 1/2"	14,242'	NEW	P-110; 20#		Y
Tubing	4 5/8"	2 3/4"	7239'	NEW	L-80		
Packer type and depth set		VersaSet Packer set at 7234'					

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	Surface	20 DAYS
Coal							
Intermediate 1	Class A	490	15.8	2.31	1132	2673	13.5 HRS
Intermediate 2							
Intermediate 3							
Production	Class A	2470	13.5	1.29	3186	770' EST	> 8 HRS
Tubing							

Drillers TD (ft) 14268' Loggers TD (ft) 14268'
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 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 _____

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 _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS FRACTURED FROM 13960' TO 8380'. 48 PERFS PER STAGE @ 6 SHOTS PER FOOT.

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

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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	03/03/15	13960'	13780'	48	MARCELLUS
2	03/03/15	13660'	13480'	48	MARCELLUS
3	03/04/15	13360'	13180'	48	MARCELLUS
4	03/05/15	13060'	12880'	48	MARCELLUS
5	03/07/15	12760'	12580'	48	MARCELLUS
6	03/07/15	12460'	12380'	48	MARCELLUS
7	03/31/15	12160'	11980'	48	MARCELLUS
8	04/01/15	11860'	11680'	48	MARCELLUS
9	04/01/15	11560'	11382'	48	MARCELLUS
10	04/01/15	11260'	11080'	48	MARCELLUS
11	04/02/15	10960'	10780'	48	MARCELLUS
12	04/02/15	10660'	10480'	48	MARCELLUS
13	04/03/15	10360'	10180'	48	MARCELLUS
14	04/03/15	10600'	9878'	48	MARCELLUS
15	04/04/15	9460'	9580'	48	MARCELLUS
16	04/04/15	9460'	9280'	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	03/03/15	70	7857	6350	4503	441,700	7823	
2	03/03/15	79	7907	7271	4716	413,300	7116	
3	03/04/15	74	7942	7058	4941	401,700	8553	
4	03/05/15	76	8029	6728	3982	441,300	7222	
5	03/07/15	84	7629	6896	4139	441,700	7177	
6	03/07/15	86	7813	6131	N/A	143,200	7807	
7	03/31/15	83	7543	6129	4378	441,700	7219	
8	04/01/15	86	7868	6650	4399	441,775	7252	
9	04/01/15	84	7953	7210	4297	441,700	7259	
10	04/01/15	85	7680	6880	4250	441,700	7253	
11	04/02/15	82	7918	7111	4191	441,700	7497	
12	04/02/15	85	7452	7286	4665	441,700	7385	
13	04/03/15	85	7680	6880	4250	441,700	7157	
14	04/03/15	85	7727	6728	4961	441,700	7100	
15	04/04/15	85	7753	7832	4974	413,700	6691	
16	04/04/15	85	7686	7489	5577	441,700	6949	

Please insert additional pages as applicable.

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>MARCELLUS</u>	<u>7652'</u> TVD	<u>8206'</u> MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3102 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 2851 mcfpd Oil 0 bpd NGL 0 bpd Water 331 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>		
BIG INJUN		<u>2747'</u>		<u>2762'</u>	SANDSTONE
GORDON	<u>3357'</u>	<u>3414'</u>	<u>3373'</u>	<u>3429'</u>	SANDSTONE
WARREN	<u>4035'</u>	<u>4076'</u>	<u>4050'</u>	<u>4091'</u>	SANDSTONE
WEST RIVER	<u>7415'</u>	<u>7498'</u>	<u>7538'</u>	<u>7705'</u>	SHALE
GENESECO	<u>7498'</u>	<u>7520'</u>	<u>7705'</u>	<u>7757'</u>	SHALE, SLIGHT GAS SHOWS
TULLY	<u>7520'</u>	<u>7547'</u>	<u>7757'</u>	<u>7831'</u>	CARBONATE MUDSTONE
HAMILTON	<u>7547'</u>	<u>7652'</u>	<u>7831'</u>	<u>8206'</u>	SHALE, GAS SHOWS
MARCELLUS	<u>7652'</u>		<u>8206'</u>		SHALE, GAS THROUGHOUT FORMATION

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 APR 06 2016
Signature *Bekki Winfree* Title Sr. Regulatory Advisor Date 03/31/16

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

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March 31, 2016

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

Reference: Green Dot 6H, API 47-103-02929
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 6H (API No. 47-103-02929). The well was turned on directly to production on 7/15/15; 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".

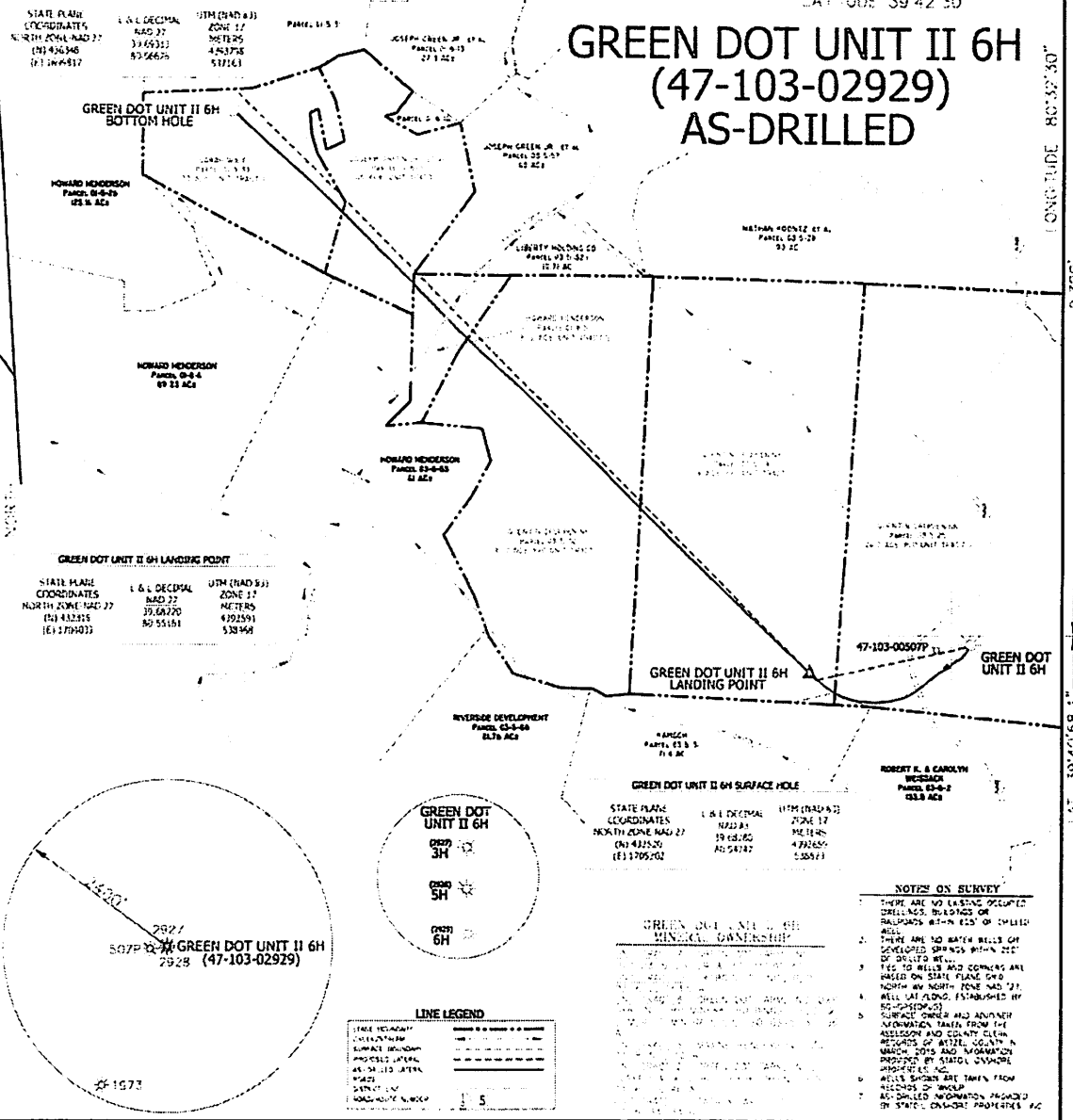
Bekki Winfree
Sr. Regulatory Advisor – Marcellus Asset

Enclosure

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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 RULED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S.
B.34

HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 FAX: (304) 354-7034 hupp@hupp.net

DOYLE HUPP JR.
 LICENSED PROFESSIONAL SURVEYOR
 No. 854 STATE OF WEST VIRGINIA

(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE: JUNE 3, 2015
 OPERATIONS WELL NO. 7215-00000-08
 APR. 2015
 WELL NO. STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY: 1/2500 FILE NO. W2377 (BK77-10)
 PROVEN SOURCE OF ELEVATION: 30-GRIP (GRIP) SCALE: 1" = 1000'
 STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

WELL TYPE: LIQUID GAS WASTE INJECTION DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1480' WATERSHED: CROOKED RUN & RAT RUN DISTRICT: CLAY COUNTY: WETZEL QUADRANGLE: LITTLETON 7.6'

SURFACE OWNER: QUENTIN GRUBBENNA ACREAGE: 124.7 ±
 MINERAL OWNER: GREEN DOT FARM, INC. ACREAGE: 590.40 ±

PROPOSED WORK: CHAIR NO.

DRILL: CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PILE AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY): TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,669' TVD 7,426' MD

WELL OPERATOR: STATE OIL USA ONSHORE PROPERTIES, INC. DESIGNATED AGENT: RICHARD RYLEE
 ADDRESS: 2705 OLYMPIA BLVD. SUITE 400 HOUSTON, TX 77042 ADDRESS: 813 NASH ROAD MIDDLEBORNE, WV 26149

LONGITUDE: 87°32'50.9" LATITUDE: 39°42'30"