

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

API 47-061-01697 County Monongalia District Clay
Quad Blacksville, WV Pad Name Statler Field/Pool Name Blacksville
Farm name MOORE, REBECCA & STATLER Well Number 7H
Operator (as registered with the OOG) Northeast Natural Energy LLC
Address 707 Virginia St. East, Suite 1200 City Charleston State WV Zip 25301

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4395653.6 Easting 570438.5
Landing Point of Curve Northing 4395443.7 Easting 570042.7
Bottom Hole Northing 4397120.8 Easting 569110.5

Elevation (ft) 1,061' 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 Based Mud for horizontal section, BIO-BASE 365, CALCIUM CHLORIDE POWDER, G-SEAL PLUS, HRP, LIME, M-I WATE (BARITE), M-I-X II MEDIUM,
MEGADRIL P SYSTEM, MEGADRIL P SYSTEM RENTAL, MEGAMUL, SAFE-CARB 250, VERSATHIN HF, VERSAWET, VG-PLUS, VINSEAL MEDIUM, WALNUT NUT PLUG MEDIUM

Date permit issued 2/27/2015 Date drilling commenced 6/3/2015 Date drilling ceased 8/7/2015
Date completion activities began 9/12/2015 Date completion activities ceased 11/7/2015
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

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

Received
Office of Oil & Gas
FEB 26 2016

Freshwater depth(s) ft 912' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,951' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 280', 360', 641' Cavern(s) encountered (Y/N) depths N

Is coal being mined in area (Y/N) N

APPROVED

NAME: Harold K. D.
DATE: 3/3/2016

Reviewed by:
Harold K. D.
3/3/2016 03/11/2016
AX 03/07/16 WS

API 47-061 - 01697 Farm name MOORE, REBECCA & STATLER Well number 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	30	24	50'	N	N/A	N/A	Y to surface
Surface	17.5	13 3/8	1,013'	N	54.5	N/A	Y 30 bbl to surface
Coal							
Intermediate 1	12.25	9 5/8	2,207'	N	40	N/A	Y 3 bbl to surface
Intermediate 2							
Intermediate 3							
Production	8.5	5.5	14,750'	N	20	N/A	Y 4 bbl to surface
Tubing	4.771	2.875 .375	8,958'	N	4.7	N/A	
Packer type and depth set							

Comment Details All casing & cement jobs went without issue.

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	4,500 psi ready mix	36.4		.75	27.27	CTS	48
Surface	Class A	1004	15.7	1.27	1,271	CTS	8
Coal							
Intermediate 1	Class A	858	15.6	1.26	1,074	CTS	8
Intermediate 2							
Intermediate 3							
Production	6050 Premium NE - 1.3% R-3.3% MPA 170	3192	14.5	1.17	2,661	CTS	48
Tubing							

Drillers TD (ft) 14,761' Loggers TD (ft) 14,737'

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

Plug back procedure _____

Kick off depth (ft) 6,745'

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: bow spring centralizers every third joint or approx 120'

Intermediate: bow spring centralizers every third joint or approx 120'

Production: Hard bodied spiral centralizers every other joint or approx 80' from TD to KOP then bow spring from KOP to 9 5/8" every fourth joint or approx 140'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS Completed in a multi-stage plug-and-perforate manner.

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

Received
Office of Oil & Gas
FEB 26 2016

API 47- 061 - 01697 Farm name MOORE, REBECCA & STATLER Well number 7H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
					Please see attachment.

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)

Received
Office of Oil & Gas
FEB 26 2016

Please insert additional pages as applicable.

API 47- 061 - 01697 Farm name MOORE, REBECCA & STATLER Well number 7H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>Marcellus</u>	<u>7,892'</u>	<u>TVD</u>	<u>14,761'</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 2565 psi Bottom Hole _____ psi DURATION OF TEST 48 hrs

OPEN FLOW Gas 4,632 mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd
GAS MEASURED BY Estimated Orifice Pilot

<u>LITHOLOGY/ FORMATION</u>	<u>TOP DEPTH IN FT NAME TVD</u>	<u>BOTTOM DEPTH IN FT TVD</u>	<u>TOP DEPTH IN FT MD</u>	<u>BOTTOM DEPTH IN FT MD</u>	<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<u>0</u>		<u>0</u>		<u>Please see attachment.</u>

Please insert additional pages as applicable.

Drilling Contractor Patterson-UTI Drilling
Address 207 Carlton Drive City Eighty Four State PA Zip 15330

Logging Company Baker Hughes
Address 837 Philippi Pike City Clarksburg State WV Zip 26301

Cementing Company Schlumberger
Address 1080 US-33 City Weston State WV Zip 26452

Stimulating Company C&J Energy Services
Address 380 Southpointe Blvd, Suite 210 City Canonsburg State PA Zip 15317

Please insert additional pages as applicable.

Completed by Zack Arnold Telephone 304.241.5752 Ext. 7105
Signature [Signature] Title General Manager - Operations Date 11 FEB 16

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

Received
Office of Oil & Gas
FEB 26 2016

Lithology/Formation	Top Depth in FT 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, H2S, etc)
Grey Shale/coal/sandstone	0	900			sand/coal/shale
Red Rock	900	960			red rock
Grey Shale/sand	960	1810			sand/shale
Red Rock	1810	1920			red rock
Grey shale/sand	1920	2065			shale/sand
Sandstone	2065	2235			sandstone
Shale	2235	2900			shale
Sand/Shale	2900	7229			sand/shale
Middlesex	7229	7608	7423	7823	shale
Geneseo	7608	7654	7823	7885	shale
Tully	7654	7706	7885	7951	limestone
Hamilton	7706	7830	7951	8130	shale
Marcellus	7830	7871	8130	8259	shale
Cherry Valley	7871	7874	8259	8278	limestone
Lower Marcellus	7874		8278		shale

Received
 Office of Oil & Gas
 FEB 26 2016

SURFACE HOLE DEC. LONG: 80.178503
SURVEYED LONG: 80° 10' 42.6"

3,330'

Latitude: 39° 42' 30" (NAD 27)

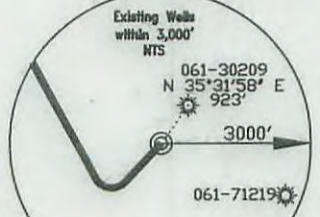
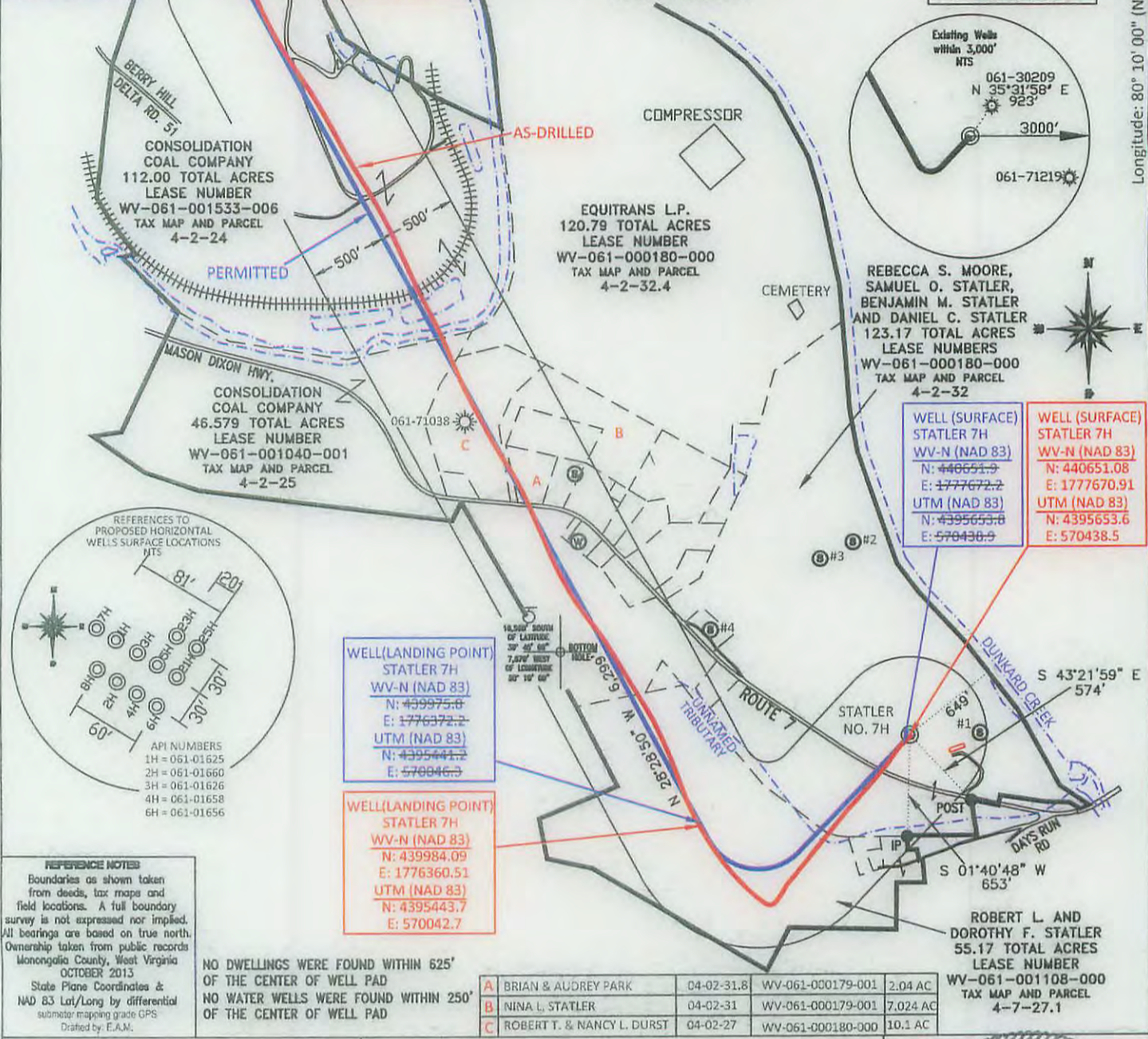
WELL (BOTTOM)
STATLER 7H
WV-N (NAD 83)
N: 445512.3
E: 1773368.6
UTM (NAD 83)
N: 4397112.8
E: 569403.0

WELL (BOTTOM)
STATLER 7H
WV-N (NAD 83)
N: 445538.12
E: 1773393.85
UTM (NAD 83)
N: 4397120.8
E: 569110.5

TOP HOLE (UTM 83)
N) 4395653.8
E) 570438.9
BOTTOM HOLE (UTM 83)
N) 4397112.8
E) 569103.0

SPRINGS	
#1	N 88°35'41" E 454'
#2	N 16°21'29" W 1,300'
#3	N 26°52'22" W 1,277'
#4	N 62°12'58" W 1,457'

CISTERN
S 70°53'12" E 270'



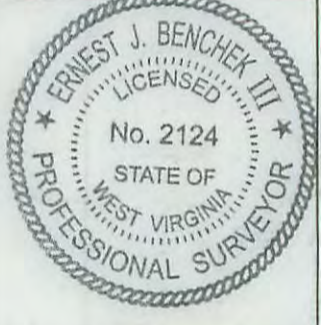
REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Monongalia County, West Virginia OCTOBER 2013
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.M.

NO DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF WELL PAD
NO WATER WELLS WERE FOUND WITHIN 250' OF THE CENTER OF WELL PAD

A	BRIAN & AUDREY PARK	04-02-31.8	WV-061-000179-001	2.04 AC
B	NINA L. STATLER	04-02-31	WV-061-000179-001	7.024 AC
C	ROBERT T. & NANCY L. DURST	04-02-27	WV-061-000180-000	10.1 AC

FILE #: NNE007
DRAWING #1548
SCALE: PLAT = (1"=1000')
TICK MARK = (1"=2000')
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

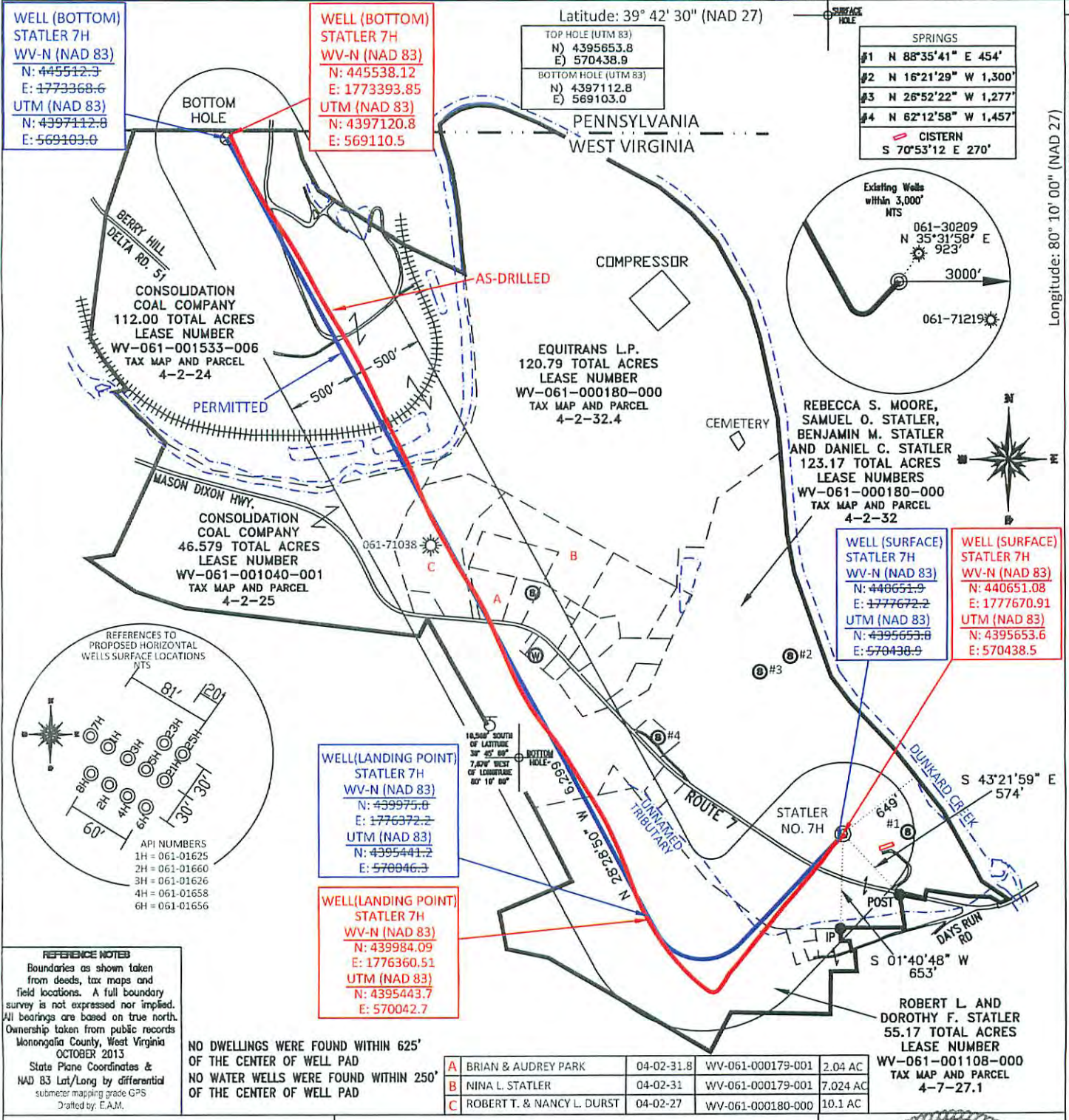
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
Signed: *[Signature]*
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304
Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow
WATERSHED: DUNKARD CREEK
COUNTY/DISTRICT: MONONGALIA / CLAY
SURFACE OWNER: REBECCA S. MOORE, SAMUEL D. STATLER, BENJAMIN M. STATLER, DANIEL C. STATLER
OIL & GAS ROYALTY OWNER: REBECCA S. MOORE, SAMUEL D. STATLER, BENJAMIN M. STATLER, DANIEL C. STATLER
LEASE NUMBERS:

DATE: DECEMBER 17, 2015
OPERATOR'S WELL #: STATLER NO. 7H AS-DRILLED
API WELL #: 47 61 **01697 HGA**
STATE COUNTY PERMIT
ASBUILT
ELEVATION : 1,061'
QUADRANGLE: BLACKSVILLE, WV.
ACREAGE: 243.96 +/- **03/11/2016**
ACREAGE: 356.08 +/-

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):
TARGET FORMATION: MARCELLUS
ESTIMATED DEPTH: TVD: 7,892.50' TMD: 14,761'
WELL OPERATOR : NORTHEAST NATURAL ENERGY LLC
DESIGNATED AGENT : JOHN ADAMS
ADDRESS: 707 VIRGINIA STREET SUITE 1200
ADDRESS: 707 VIRGINIA STREET SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

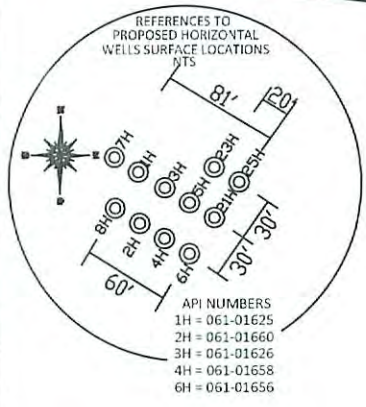
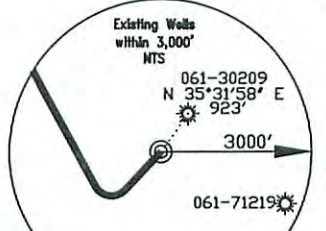


WELL (BOTTOM)
STATLER 7H
WV-N (NAD 83)
N: 445512.3
E: 1773368.6
UTM (NAD 83)
N: 4397112.8
E: 569103.0

WELL (BOTTOM)
STATLER 7H
WV-N (NAD 83)
N: 445538.12
E: 1773393.85
UTM (NAD 83)
N: 4397120.8
E: 569110.5

TOP HOLE (UTM 83)
N) 4395653.8
E) 570438.9
BOTTOM HOLE (UTM 83)
N) 4397112.8
E) 569103.0

SPRINGS	
#1	N 88°35'41" E 454'
#2	N 16°21'29" W 1,300'
#3	N 26°52'22" W 1,277'
#4	N 62°12'58" W 1,457'
CISTERN S 70°53'12 E 270'	

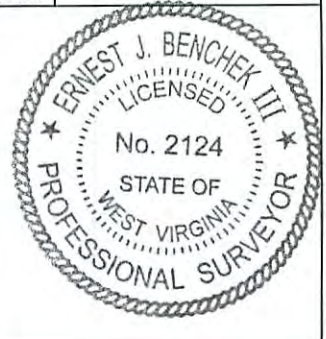


REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Monongalia County, West Virginia OCTOBER 2013 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by: E.A.M.

NO DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF WELL PAD
NO WATER WELLS WERE FOUND WITHIN 250' OF THE CENTER OF WELL PAD

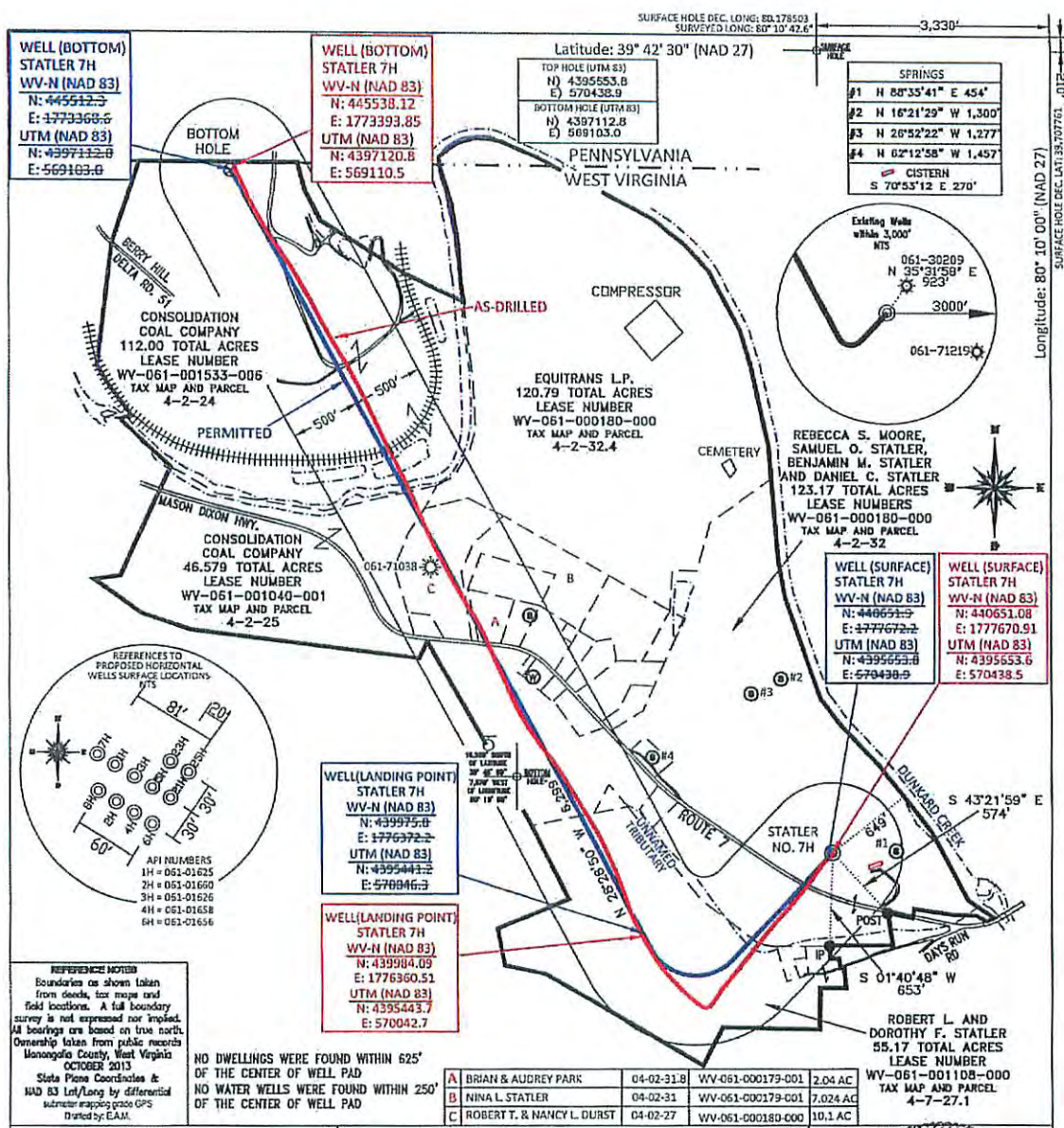
FILE #: NNE007
DRAWING #1548
SCALE: PLAT = (1"=1000')
TICK MARK = (1"=2000')
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

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: *[Signature]*
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304
Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow ASBUILT
WATERSHED: DUNKARD CREEK ELEVATION : 1,061'
COUNTY/DISTRICT: MONONGALIA / CLAY QUADRANGLE: BLACKSVILLE, WV.
SURFACE OWNER: REBECCA S. MOORE, SAMUEL D. STATLER, BENJAMIN M. STATLER, DANIEL C. STATLER ACREAGE: 243.96 +/-
OIL & GAS ROYALTY OWNER: REBECCA S. MOORE, SAMUEL D. STATLER, BENJAMIN M. STATLER, DANIEL C. STATLER ACREAGE: 356.08 +/-
LEASE NUMBERS: _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,892.50' TMD: 14,761'
WELL OPERATOR : NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT : JOHN ADAMS
ADDRESS: 707 VIRGINIA STREET SUITE 1200 ADDRESS: 707 VIRGINIA STREET SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

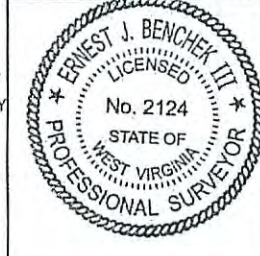
03/11/2016



FILE #: NNE007
 DRAWING #1548
 SCALE: $1" = 1000'$
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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: *[Signature]*
 L.L.S. #2124 : Ernest J. Benchek III



Received
 Office of Oil & Gas
 FEB 26 2016

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

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

WATERSHED: DUNKARD CREEK
 COUNTY/DISTRICT: MONONGALIA / CLAY
 SURFACE OWNER: REBECCA S. MOORE, SAMUEL O. STATLER, BENJAMIN M. STATLER, DANIEL C. STATLER
 OIL & GAS ROYALTY OWNER: REBECCA S. MOORE, SAMUEL O. STATLER, BENJAMIN M. STATLER, DANIEL C. STATLER
 LEASE NUMBERS: _____

DATE: DECEMBER 17, 2015
 OPERATOR'S WELL #: STATLER NO. 7H AS-DRILLED
 API WELL #: 47 61
 STATE COUNTY PERMIT ASBUILT
 ELEVATION: 1,061'
 QUADRANGLE: BLACKSVILLE, WV.
 ACREAGE: 243.96 +/-
 ACREAGE: 356.08 +/-

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

TARGET FORMATION: MARCELLUS
 ESTIMATED DEPTH: TVD: 7,892.50' TMD: 14,761'
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC
 DESIGNATED AGENT: JOHN ADAMS
 ADDRESS: 707 VIRGINIA STREET SUITE 1200
 ADDRESS: 707 VIRGINIA STREET SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

03/11/2016

Customer Northeast Natural Energy LLC	Job Number DCHA-00017
--	--------------------------

Well Stadler 7H 7H		Location (legal) 0		Schlumberger Location Weston West Virginia		Job Start Jun/05/2015					
Field 0		Formation Name/Type Shale		Deviation 0 deg		Well MD 1013.0 ft					
County Monogalia		State/Province West Virginia		BHP 0 psi		Well TVD 1013.0 ft					
Well Master 0631627543		API/UWI 4706101697		BHST 71 degF		BHCT 80 degF					
Rig Name Service Rig		Drilled For Gas		Service Via Land		Casing/Liner					
Offshore Zone NA		Well Class New		Well Type Exploration		Pore Press. Gradient 0.00 lb/gal					
Drilling Fluid Type Air		Max. Density 0.00 lb/gal		Plastic Viscosity 0.000 cP		Perforations/Open Hole					
Service Line Cementing		Job Type 13 3/8 Surface		WH Connection Single		T/D					
Max. Allowed Tub. Press 500 psi		Max. Allowed Ann. Press 0 psi		Casing Tools		Squeeze Job					
Service Instructions CEMENT 13 3/8" SURFACE CASING; Pump 5 bbls water; Pressure test to low 1000 psi and high 3000 psi; Establish Circulation Pump 25bbls Gel; Pump 10bbls water; Pump 182 bbls; 1023 ft3; 860 sks Tall 15.6 ppg; MF 5.253 gal/sk; 1.19 ft3/sk; + 1% S001+ .2% D046+ .13lb/sk D130; Drop Top plug; Displace 149.6bbls Water Bump 500 psi over; Hold 5 min bleed off; Lift: 393psi; Diff: 365psi; Burst: 2184psi.				Depth, ft		Size, in					
				Weight, lb/ft		Grade		Thread			
				50.0		24.0		0.0		J-55	
				1013.0		13.4		54.5		J-55	
				BTC		BTC					
T/D		Depth, ft		Size, in		Weight, lb/ft					
Grade		Thread									
0.0		0.0		0.0		0					
0.0		0.0		0.0		0					
Top, ft		Bottom, ft		shot/ft		No. of Shots					
Total Interval											
0.0 ft		0.0 ft		0.00		0					
0.0 ft		0.0 ft		0.00		0					
0.0 ft		0.0 ft		0.00		0					
Diameter											
0.000 in											
Treatment		Displacement		Packer Type		Packer Depth					
Casing		149.6 bbl		0		0.0 ft					
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.					
0.0 bbl		156.6 bbl		139.0 bbl		119.0 bbl					
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools		Squeeze Job					
LIFT Pressure		393 psi		Shoe Type		Guide					
Pipe Rotated		Pipe Reciprocated		Shoe Depth		1013.0 ft					
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type					
8		1		0		0					
Cement Head Type		Single		Stage Tool Depth		0.0 ft					
Job Scheduled For		Arrived on Location		Leave Location		Collar Type					
Jun/05/2015 02:00		Jun/05/2015 02:00		Jun/05/2015 08:00		Float					
Collar Depth				968.0 ft		Tail Pipe Size					
						in					
						Tail Pipe Depth					
						ft					
						Seq. Total Vol.					
						bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
06/05/2015	02:49:54	0	0.0	8.56	0.0	Started Acquisition					
06/05/2015	03:16:42	3	0.0	8.55	0.0	Fill lines with 5bbl water					
06/05/2015	03:16:50	3	0.0	8.55	0.0	Pressure test 1000L 3000H					
06/05/2015	03:16:54	3	0.0	8.55	0.0						
06/05/2015	03:17:24	3	0.0	8.55	0.0						
06/05/2015	03:17:54	3	0.0	8.55	0.0						
06/05/2015	03:18:24	3	0.0	8.55	0.0						
06/05/2015	03:18:54	3	0.0	8.55	0.0						
06/05/2015	03:19:24	3	0.0	8.55	0.0						
06/05/2015	03:19:54	3	0.0	8.55	0.0						
06/05/2015	03:20:24	3	0.0	8.55	0.0						
06/05/2015	03:20:54	1	0.0	8.55	0.0						
06/05/2015	03:21:24	1	0.0	8.55	0.0						
06/05/2015	03:21:54	54	3.2	8.49	0.4						
06/05/2015	03:22:24	56	3.4	8.52	2.1						
06/05/2015	03:22:54	54	3.4	8.52	3.8						
06/05/2015	03:23:24	64	0.2	8.52	5.1						
06/05/2015	03:23:54	803	0.0	8.52	5.2						
06/05/2015	03:24:24	708	0.0	8.52	5.2						
06/05/2015	03:24:54	703	0.0	8.52	5.2						
06/05/2015	03:25:24	700	0.0	8.52	5.2						

Received
 Office of Oil & Gas
 FEB 26 2016

Well		Field		Job Start		Customer		Job Number	
Statler 7H 7H		0		Jun/05/2015		Northeast Natural Energy LLC		DCHA-00017	
Date	Time 24-hr clock	Treating Pressure PST	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/05/2015	03:26:24	3279	0.0	8.53	5.2				
06/05/2015	03:26:54	3264	0.0	8.52	5.2				
06/05/2015	03:27:24	3253	0.0	8.52	5.2				
06/05/2015	03:27:54	3241	0.0	8.52	5.2				
06/05/2015	03:28:24	2	0.1	8.52	5.2				
06/05/2015	03:28:54	6	0.0	8.52	5.2				
06/05/2015	03:29:24	7	0.0	8.52	5.2				
06/05/2015	03:29:54	7	0.0	8.52	5.2				
06/05/2015	03:30:11	7	0.0	8.52	5.2	Establish Circulation			
06/05/2015	03:30:24	7	0.0	8.52	5.2				
06/05/2015	03:30:54	7	0.0	8.52	5.2				
06/05/2015	03:31:24	6	0.0	8.52	5.2				
06/05/2015	03:31:54	6	0.0	8.52	5.2				
06/05/2015	03:32:24	6	0.0	8.52	5.2				
06/05/2015	03:32:54	6	0.0	8.52	5.2				
06/05/2015	03:33:24	6	0.0	8.52	5.2				
06/05/2015	03:33:54	6	0.0	8.38	5.2				
06/05/2015	03:34:24	6	0.0	8.52	5.2				
06/05/2015	03:34:54	61	3.0	8.52	5.6				
06/05/2015	03:35:24	124	5.5	8.55	7.8				
06/05/2015	03:35:54	139	6.5	8.55	10.8				
06/05/2015	03:36:24	208	8.2	8.56	14.4				
06/05/2015	03:36:54	208	8.2	8.56	18.5				
06/05/2015	03:37:24	189	8.2	8.56	22.6				
06/05/2015	03:37:54	216	8.2	8.55	26.6				
06/05/2015	03:38:24	214	8.2	8.55	30.7				
06/05/2015	03:38:54	211	8.2	8.54	34.8				
06/05/2015	03:39:24	208	8.2	8.54	38.9				
06/05/2015	03:39:54	206	8.2	8.54	43.0				
06/05/2015	03:40:24	206	8.2	8.54	47.1				
06/05/2015	03:40:54	209	8.2	8.54	51.2				
06/05/2015	03:41:24	209	8.2	8.54	55.2				
06/05/2015	03:41:54	206	8.2	8.54	59.3				
06/05/2015	03:42:24	207	8.2	8.54	63.4				
06/05/2015	03:42:54	211	8.2	8.54	67.5				
06/05/2015	03:43:24	204	8.2	8.54	71.6				
06/05/2015	03:43:54	207	8.2	8.54	75.7				
06/05/2015	03:44:24	208	8.2	8.54	79.8				
06/05/2015	03:44:54	206	8.2	8.54	83.8				
06/05/2015	03:45:24	202	8.2	8.54	87.9				
06/05/2015	03:45:54	203	8.2	8.54	92.0				
06/05/2015	03:46:24	205	8.2	8.54	96.1				
06/05/2015	03:46:54	208	8.2	8.54	100.2				
06/05/2015	03:47:24	207	8.2	8.54	104.3				
06/05/2015	03:47:54	207	8.2	8.54	108.4				
06/05/2015	03:48:24	204	8.2	8.54	112.4				
06/05/2015	03:48:54	205	8.2	8.54	116.5				
06/05/2015	03:49:24	137	6.3	8.54	120.0				
06/05/2015	03:49:54	133	6.4	8.54	123.2				
06/05/2015	03:50:24	136	6.4	8.54	126.4				
06/05/2015	03:50:54	149	6.4	8.54	129.6				
06/05/2015	03:51:24	142	6.4	8.54	132.8				
06/05/2015	03:51:54	138	6.4	8.54	136.0				
06/05/2015	03:52:24	148	6.4	8.54	139.2				

Received
Office of Oil & Gas
FEB 26 2016

Well		Field	Job Start	Customer	Job Number	
Statler 7H 7H		0	Jun/05/2015	Northeast Natural Energy LLC	DCHA-00017	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
06/05/2015	03:53:24	136	6.4	8.54	145.6	
06/05/2015	03:53:54	142	6.4	8.54	148.8	
06/05/2015	03:54:24	143	6.4	8.54	152.0	
06/05/2015	03:54:54	138	6.4	8.54	155.2	
06/05/2015	03:55:24	140	6.4	8.54	158.4	
06/05/2015	03:55:54	148	6.4	8.54	161.5	
06/05/2015	03:56:24	143	6.4	8.54	164.7	
06/05/2015	03:56:54	215	8.2	8.54	168.5	
06/05/2015	03:57:24	210	8.2	8.54	172.6	
06/05/2015	03:57:54	200	8.2	8.54	176.7	
06/05/2015	03:58:24	202	8.2	8.54	180.8	
06/05/2015	03:58:54	201	8.2	8.54	184.9	
06/05/2015	03:59:24	203	8.2	8.54	188.9	
06/05/2015	03:59:54	207	8.2	8.54	193.0	
06/05/2015	04:00:24	203	8.2	8.54	197.1	
06/05/2015	04:00:54	203	8.2	8.54	201.2	
06/05/2015	04:01:24	208	8.2	8.54	205.3	
06/05/2015	04:01:54	214	8.0	8.54	209.4	
06/05/2015	04:02:24	206	8.2	8.54	213.4	
06/05/2015	04:02:54	220	8.2	8.54	217.5	
06/05/2015	04:03:24	216	8.2	8.54	221.6	
06/05/2015	04:03:54	215	8.2	8.54	225.7	
06/05/2015	04:04:24	219	8.2	8.54	229.8	
06/05/2015	04:04:54	217	8.2	8.54	233.9	
06/05/2015	04:05:24	215	8.2	8.54	238.0	
06/05/2015	04:05:54	215	8.2	8.54	242.1	
06/05/2015	04:06:24	216	8.2	8.54	246.2	
06/05/2015	04:06:54	214	8.2	8.54	250.3	
06/05/2015	04:07:24	216	8.2	8.54	254.4	
06/05/2015	04:07:54	223	8.2	8.54	258.5	
06/05/2015	04:08:24	234	8.2	8.53	262.6	
06/05/2015	04:08:54	249	8.2	8.53	266.6	
06/05/2015	04:09:24	252	8.2	8.53	270.7	
06/05/2015	04:09:54	253	8.2	8.53	274.8	
06/05/2015	04:10:09	254	8.2	8.53	276.8	Good circulation
06/05/2015	04:10:19	253	8.2	8.53	278.2	At 270bbl away
06/05/2015	04:10:24	249	8.2	8.53	278.9	
06/05/2015	04:10:54	18	0.7	8.53	282.0	
06/05/2015	04:11:24	1	0.0	8.53	282.0	
06/05/2015	04:11:54	0	0.0	8.53	282.0	
06/05/2015	04:12:24	2	0.0	8.53	282.0	
06/05/2015	04:12:54	2	0.0	8.53	282.0	
06/05/2015	04:13:10	2	0.0	8.53	282.0	Pump 25bbl GEL
06/05/2015	04:13:24	2	0.0	8.53	282.0	
06/05/2015	04:13:54	3	0.0	8.53	282.0	
06/05/2015	04:14:24	4	0.0	8.53	282.0	
06/05/2015	04:14:54	5	0.0	8.53	282.0	
06/05/2015	04:15:24	6	0.0	8.53	282.0	
06/05/2015	04:15:54	7	0.0	8.53	282.0	
06/05/2015	04:16:24	7	0.0	8.53	282.0	
06/05/2015	04:16:54	8	0.0	8.53	282.0	
06/05/2015	04:17:24	60	2.9	8.80	282.3	
06/05/2015	04:17:54	101	4.2	8.74	284.3	
06/05/2015	04:18:24	106	4.2	8.78	286.4	

Received
Office of Oil & Gas
FEB 26 2016

Well		Field	Job Start	Customer	Job Number	
Statler 7H 7H		0	Jun/05/2015	Northeast Natural Energy LLC	DCHA-00017	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
06/05/2015	04:19:24	107	4.2	8.83	290.6	
06/05/2015	04:19:54	107	4.1	8.76	292.6	
06/05/2015	04:20:24	95	4.2	8.72	294.7	
06/05/2015	04:20:54	97	4.2	8.73	296.8	
06/05/2015	04:21:24	95	4.2	8.73	298.9	
06/05/2015	04:21:54	93	4.2	8.70	301.0	
06/05/2015	04:22:24	94	4.2	8.71	303.1	
06/05/2015	04:22:54	89	4.2	8.60	305.2	
06/05/2015	04:23:24	88	4.2	8.60	307.3	
06/05/2015	04:23:35	86	4.2	8.59	308.0	Pump 10bbl water
06/05/2015	04:23:54	85	4.2	8.55	309.4	
06/05/2015	04:24:24	86	4.1	8.12	311.5	
06/05/2015	04:24:54	84	4.2	8.51	313.6	
06/05/2015	04:25:24	86	4.3	8.54	315.7	
06/05/2015	04:25:54	66	3.6	8.55	317.8	
06/05/2015	04:26:24	12	0.8	8.35	319.1	
06/05/2015	04:26:50	13	0.0	8.56	319.2	Pump 182bbl Tail 15.6ppg
06/05/2015	04:26:54	13	0.0	8.56	319.2	
06/05/2015	04:27:04	13	0.0	8.56	319.2	Y1.19 MF5.253
06/05/2015	04:27:24	13	0.0	8.56	319.2	
06/05/2015	04:27:54	14	0.0	8.56	319.2	
06/05/2015	04:28:24	13	0.0	8.55	319.2	
06/05/2015	04:28:54	15	0.0	8.55	319.2	
06/05/2015	04:29:24	15	0.0	8.55	319.2	
06/05/2015	04:29:54	15	0.0	8.55	319.2	
06/05/2015	04:30:24	15	0.0	8.55	319.2	
06/05/2015	04:30:54	15	0.0	8.55	319.2	
06/05/2015	04:31:24	16	0.0	8.55	319.2	
06/05/2015	04:31:54	16	0.0	8.55	319.2	
06/05/2015	04:32:24	16	0.0	8.55	319.2	
06/05/2015	04:32:54	16	0.0	8.55	319.2	
06/05/2015	04:33:09	17	0.0	8.55	319.2	Rig can't pump out cellar
06/05/2015	04:33:15	17	0.0	8.55	319.2	Waiting on rig
06/05/2015	04:33:24	16	0.0	8.55	319.2	
06/05/2015	04:33:54	17	0.0	8.55	319.2	
06/05/2015	04:34:24	16	0.0	8.55	319.2	
06/05/2015	04:34:54	17	0.0	8.55	319.2	
06/05/2015	04:35:24	17	0.0	8.55	319.2	
06/05/2015	04:35:54	17	0.0	8.55	319.2	
06/05/2015	04:36:24	17	0.0	8.55	319.2	
06/05/2015	04:36:54	17	0.0	8.55	319.2	
06/05/2015	04:37:24	17	0.0	8.55	319.2	
06/05/2015	04:37:54	17	0.0	8.55	319.2	
06/05/2015	04:38:24	17	0.0	8.55	319.2	
06/05/2015	04:38:54	17	0.0	8.55	319.2	
06/05/2015	04:39:24	17	0.0	8.55	319.2	
06/05/2015	04:39:54	17	0.0	8.55	319.2	
06/05/2015	04:40:24	17	0.0	8.55	319.2	
06/05/2015	04:40:54	17	0.0	8.55	319.2	
06/05/2015	04:41:24	17	0.0	8.55	319.2	
06/05/2015	04:41:54	16	0.0	8.55	319.2	
06/05/2015	04:42:24	17	0.0	8.55	319.2	
06/05/2015	04:42:54	17	0.0	8.55	319.2	
06/05/2015	06:06:54	7	0.0	8.53	319.2	

Received
Office
FEB 26

Well		Field		Job Start		Customer		Job Number	
Statler 7H 7H		0		Jun/05/2015		Northeast Natural Energy LLC		DCHA-00017	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate R/H	Density LB/G	Volume BBL	Message			
06/05/2015	06:07:54	7	0.0	8.53	319.2				
06/05/2015	06:08:24	7	0.0	8.53	319.2				
06/05/2015	06:08:54	7	0.0	8.53	319.2				
06/05/2015	06:09:24	7	0.0	8.53	319.2				
06/05/2015	06:09:54	7	0.0	8.53	319.2				
06/05/2015	06:10:24	7	0.0	8.53	319.2				
06/05/2015	06:10:54	10	0.5	7.97	319.2				
06/05/2015	06:11:24	68	3.2	8.49	320.1				
06/05/2015	06:11:54	142	5.5	8.53	322.5				
06/05/2015	06:12:24	20	0.6	8.54	324.9				
06/05/2015	06:12:43	16	0.0	8.53	324.9	Good circulation			
06/05/2015	06:12:49	15	0.0	8.53	324.9	Pump Cement			
06/05/2015	06:12:54	14	0.0	8.53	324.9				
06/05/2015	06:13:24	14	0.0	8.53	324.9				
06/05/2015	06:13:54	13	0.0	8.53	324.9				
06/05/2015	06:14:24	13	0.0	8.53	324.9				
06/05/2015	06:14:54	14	0.0	8.53	324.9				
06/05/2015	06:15:24	13	0.0	8.53	324.9				
06/05/2015	06:15:54	13	0.0	8.53	324.9				
06/05/2015	06:16:24	13	0.0	8.53	324.9				
06/05/2015	06:16:54	13	0.0	8.53	324.9				
06/05/2015	06:17:24	12	0.0	8.52	324.9				
06/05/2015	06:17:54	13	0.0	8.52	324.9				
06/05/2015	06:18:24	13	0.0	8.52	324.9				
06/05/2015	06:18:51	185	4.6	15.12	326.2	Weighed cement at 15.7ppg			
06/05/2015	06:18:54	176	4.6	15.11	326.4				
06/05/2015	06:18:56	169	4.6	15.11	326.6	Matches NRD			
06/05/2015	06:19:24	170	4.5	15.16	328.7				
06/05/2015	06:19:54	185	4.6	15.30	331.0				
06/05/2015	06:20:24	188	4.6	15.45	333.2				
06/05/2015	06:20:54	196	4.5	15.50	335.5				
06/05/2015	06:21:24	172	4.5	15.49	337.8				
06/05/2015	06:21:54	183	4.5	15.47	340.1				
06/05/2015	06:22:24	171	4.5	15.48	342.3				
06/05/2015	06:22:54	188	4.5	15.57	344.6				
06/05/2015	06:23:24	168	4.5	15.60	346.9				
06/05/2015	06:23:54	182	4.5	15.61	349.1				
06/05/2015	06:24:24	171	4.5	15.58	351.4				
06/05/2015	06:24:51	164	4.6	15.57	353.5	Cement temp 91 F			
06/05/2015	06:24:54	193	4.6	15.56	353.7				
06/05/2015	06:25:24	169	4.5	15.55	356.0				
06/05/2015	06:25:54	179	4.5	15.56	358.2				
06/05/2015	06:26:24	213	5.2	15.59	360.6				
06/05/2015	06:26:54	277	5.2	15.64	363.2				
06/05/2015	06:27:24	233	5.2	15.65	365.8				
06/05/2015	06:27:54	246	5.2	15.69	368.4				
06/05/2015	06:28:24	251	5.2	15.68	371.0				
06/05/2015	06:28:54	272	5.2	15.64	373.6				
06/05/2015	06:29:24	224	5.2	15.65	376.2				
06/05/2015	06:29:54	277	5.2	15.65	378.7				
06/05/2015	06:30:24	226	5.2	15.64	381.3				
06/05/2015	06:30:54	260	5.2	15.62	383.9				
06/05/2015	06:31:24	217	5.2	15.61	386.5				
06/05/2015	06:31:54	263	5.2	15.61	389.1				

Received
Office of Oil & Gas
FEB 26 2016

Well		Field		Job Start	Customer	Job Number
Statler 7H 7H		0		Jun/05/2015	Northeast Natural Energy LLC	DCHA-00017
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/H	Density LB/G	Volume BBL	Message
06/05/2015	06:32:54	286	5.2	15.62	394.3	
06/05/2015	06:33:24	277	5.2	15.64	396.9	
06/05/2015	06:33:54	354	6.4	15.66	399.8	
06/05/2015	06:34:24	332	6.4	15.66	403.0	
06/05/2015	06:34:54	345	6.4	15.65	406.2	
06/05/2015	06:35:24	320	6.4	15.62	409.4	
06/05/2015	06:35:54	348	6.4	15.62	412.6	
06/05/2015	06:36:24	322	6.4	15.62	415.8	
06/05/2015	06:36:54	348	6.4	15.61	419.0	
06/05/2015	06:37:24	357	6.4	15.61	422.2	
06/05/2015	06:37:54	318	6.4	15.61	425.4	
06/05/2015	06:38:24	354	6.4	15.62	428.6	
06/05/2015	06:38:54	335	6.4	15.62	431.8	
06/05/2015	06:39:24	338	6.4	15.62	435.0	
06/05/2015	06:39:54	334	6.4	15.61	438.2	
06/05/2015	06:40:24	366	6.4	15.62	441.4	
06/05/2015	06:40:54	342	6.4	15.60	444.6	
06/05/2015	06:41:24	332	6.4	15.62	447.8	
06/05/2015	06:41:54	364	6.4	15.66	451.0	
06/05/2015	06:42:24	342	6.4	15.69	454.2	
06/05/2015	06:42:54	343	6.4	15.66	457.4	
06/05/2015	06:43:24	344	6.4	15.65	460.6	
06/05/2015	06:43:54	357	6.4	15.65	463.8	
06/05/2015	06:44:24	222	5.9	15.65	466.9	
06/05/2015	06:44:54	222	5.2	15.52	469.6	
06/05/2015	06:45:24	107	3.1	15.45	471.8	
06/05/2015	06:45:54	35	1.3	15.65	472.7	
06/05/2015	06:46:24	17	0.9	15.63	473.3	
06/05/2015	06:46:54	23	0.0	15.54	473.4	
06/05/2015	06:47:24	84	1.1	15.59	473.4	
06/05/2015	06:47:54	180	4.1	15.57	475.2	
06/05/2015	06:48:54	188	4.1	15.66	479.3	
06/05/2015	06:49:24	194	4.1	15.73	481.4	
06/05/2015	06:49:54	189	4.2	15.67	483.5	
06/05/2015	06:50:24	194	4.2	15.62	485.6	
06/05/2015	06:50:54	193	4.1	15.64	487.6	
06/05/2015	06:51:24	194	4.1	15.66	489.7	
06/05/2015	06:51:54	201	4.1	15.67	491.8	
06/05/2015	06:52:24	196	4.1	15.69	493.8	
06/05/2015	06:52:54	201	4.2	15.65	495.9	
06/05/2015	06:53:24	96	2.5	15.64	497.6	
06/05/2015	06:53:54	94	2.5	15.64	498.8	
06/05/2015	06:54:24	94	2.5	15.63	500.1	
06/05/2015	06:54:54	92	2.5	15.61	501.4	
06/05/2015	06:55:24	184	4.2	15.62	503.0	
06/05/2015	06:55:54	190	4.2	15.63	505.1	
06/05/2015	06:56:24	193	4.2	15.59	507.2	
06/05/2015	06:56:54	198	4.2	15.58	509.3	
06/05/2015	06:57:24	192	4.2	15.57	511.4	
06/05/2015	06:57:45	69	3.9	15.55	512.9	Drop Top Plug
06/05/2015	06:57:54	24	0.4	15.73	513.1	Pump 149.6bbl water
06/05/2015	06:58:24	28	0.0	15.67	513.2	
06/05/2015	06:58:54	31	0.0	15.63	513.2	
06/05/2015	06:59:24	31	0.0	15.61	513.2	

Received
Office of Oil & Gas
FEB 26 2016

Well		Field		Job Start		Customer		Job Number	
Statler 7H 7H		0		Jun/05/2015		Northeast Natural Energy LLC		DCHA-00017	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/H	Density LB/G	Volume BBL	Message			
06/05/2015	07:00:24	106	0.3	15.35	513.2				
06/05/2015	07:00:54	115	4.5	10.32	514.6				
06/05/2015	07:01:24	105	4.5	9.66	516.8				
06/05/2015	07:01:54	169	6.3	9.30	519.7				
06/05/2015	07:02:24	158	6.3	9.03	522.9				
06/05/2015	07:02:54	158	6.3	8.94	526.0				
06/05/2015	07:03:24	151	6.3	8.83	529.2				
06/05/2015	07:03:54	151	6.3	8.76	532.3				
06/05/2015	07:04:24	155	6.3	8.71	535.5				
06/05/2015	07:04:54	154	6.3	8.68	538.7				
06/05/2015	07:05:24	149	6.3	8.65	541.8				
06/05/2015	07:05:54	151	6.3	8.64	545.0				
06/05/2015	07:06:24	146	6.3	8.63	548.2				
06/05/2015	07:06:54	149	6.3	8.62	551.4				
06/05/2015	07:07:24	149	6.3	8.62	554.5				
06/05/2015	07:07:54	147	6.3	8.61	557.7				
06/05/2015	07:08:24	154	6.3	8.60	560.9				
06/05/2015	07:08:54	151	6.3	8.59	564.0				
06/05/2015	07:09:24	160	6.3	8.59	567.2				
06/05/2015	07:09:54	178	6.3	8.59	570.4				
06/05/2015	07:10:24	203	6.3	8.58	573.5				
06/05/2015	07:10:54	217	6.3	8.53	576.7				
06/05/2015	07:11:24	228	6.3	8.53	579.8				
06/05/2015	07:11:54	235	6.3	8.53	583.0				
06/05/2015	07:12:24	266	6.3	8.53	586.1				
06/05/2015	07:12:54	275	6.3	8.53	589.3				
06/05/2015	07:13:24	303	6.3	8.53	592.4				
06/05/2015	07:13:54	317	6.3	8.53	595.5				
06/05/2015	07:14:24	334	6.3	8.53	598.7				
06/05/2015	07:14:54	351	6.3	8.53	601.8				
06/05/2015	07:15:24	359	6.3	8.53	604.9				
06/05/2015	07:15:54	350	6.3	8.53	608.1				
06/05/2015	07:16:24	417	6.3	8.53	611.2				
06/05/2015	07:16:54	395	6.2	8.53	614.3				
06/05/2015	07:17:24	393	6.3	8.53	617.5				
06/05/2015	07:17:54	467	6.3	8.53	620.6				
06/05/2015	07:18:24	443	6.3	8.53	623.7				
06/05/2015	07:18:54	416	6.2	8.53	626.8				
06/05/2015	07:19:24	427	6.2	8.53	629.9				
06/05/2015	07:19:54	472	6.2	8.53	633.1				
06/05/2015	07:20:24	443	6.2	8.53	636.2	30bbl Cement to surface			
06/05/2015	07:20:54	461	6.2	8.53	639.3				
06/05/2015	07:21:24	488	6.2	8.53	642.4				
06/05/2015	07:21:54	411	5.1	8.53	645.5				
06/05/2015	07:22:24	390	4.4	8.53	647.8				
06/05/2015	07:22:54	427	4.4	8.53	650.0				
06/05/2015	07:23:24	410	4.4	8.53	652.2				
06/05/2015	07:23:54	369	2.5	8.53	654.3				
06/05/2015	07:24:24	372	2.0	8.53	655.4				
06/05/2015	07:24:54	374	2.0	8.53	656.4				
06/05/2015	07:25:24	393	2.1	8.53	657.4				
06/05/2015	07:25:54	388	2.0	8.53	658.4				
06/05/2015	07:26:24	378	2.0	8.53	659.5				
06/05/2015	07:26:54	383	2.0	8.53	660.5				

Received
Office of Oil & Gas
FEB 26 2016

Well		Field		Job Start		Customer		Job Number	
Statler 7H 7H		0		Jun/05/2015		Northeast Natural Energy LLC		DCHA-00017	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/05/2015	07:27:54	397	2.0	8.53	662.5				
06/05/2015	07:28:24	406	2.0	8.53	663.5				
06/05/2015	07:28:54	427	2.0	8.53	664.6				
06/05/2015	07:29:24	364	2.0	8.53	665.6				
06/05/2015	07:29:54	806	0.3	8.53	666.4				
06/05/2015	07:30:06	804	0.0	8.53	666.4	Bump plug to 806psi			
06/05/2015	07:30:15	803	0.0	8.53	666.4	At 149.6bbl away			
06/05/2015	07:30:24	803	0.0	8.53	666.4				
06/05/2015	07:30:54	803	0.0	8.53	666.4				
06/05/2015	07:31:24	803	0.0	8.53	666.4				
06/05/2015	07:31:54	803	0.0	8.53	666.4				
06/05/2015	07:32:24	803	0.0	8.53	666.4				
06/05/2015	07:32:54	803	0.0	8.53	666.4				
06/05/2015	07:33:09	803	0.0	8.53	666.4	Bleed Off Pressure			
06/05/2015	07:33:24	406	0.0	8.53	666.4				
06/05/2015	07:33:54	27	0.0	8.53	666.4				
06/05/2015	07:34:24	27	0.0	8.53	666.4				
06/05/2015	07:34:54	28	0.0	8.53	666.4				
06/05/2015	07:35:24	28	0.0	8.53	666.4				
06/05/2015	07:35:54	28	0.0	8.53	666.4				
06/05/2015	07:36:24	27	0.0	8.53	666.4				
06/05/2015	07:36:54	27	0.0	8.54	666.4				
06/05/2015	07:37:24	27	0.0	8.54	666.4				
06/05/2015	07:37:54	21	0.0	8.53	666.4				
06/05/2015	07:38:24	22	0.0	8.53	666.4				
06/05/2015	07:38:54	22	0.0	8.54	666.4				
06/05/2015	07:39:24	58	3.8	8.53	667.9				
06/05/2015	07:39:54	52	3.1	8.54	669.5				
06/05/2015	07:40:24	50	2.9	8.51	671.0				
06/05/2015	07:40:54	51	2.8	8.48	672.4				
06/05/2015	07:41:24	76	3.2	8.46	673.8				
06/05/2015	07:41:54	77	4.1	8.53	675.8				
06/05/2015	07:42:24	20	1.1	9.38	677.3				
06/05/2015	07:42:54	21	0.0	4.98	677.4				
06/05/2015	07:43:00	22	0.0	6.23	677.4	Shut In head			

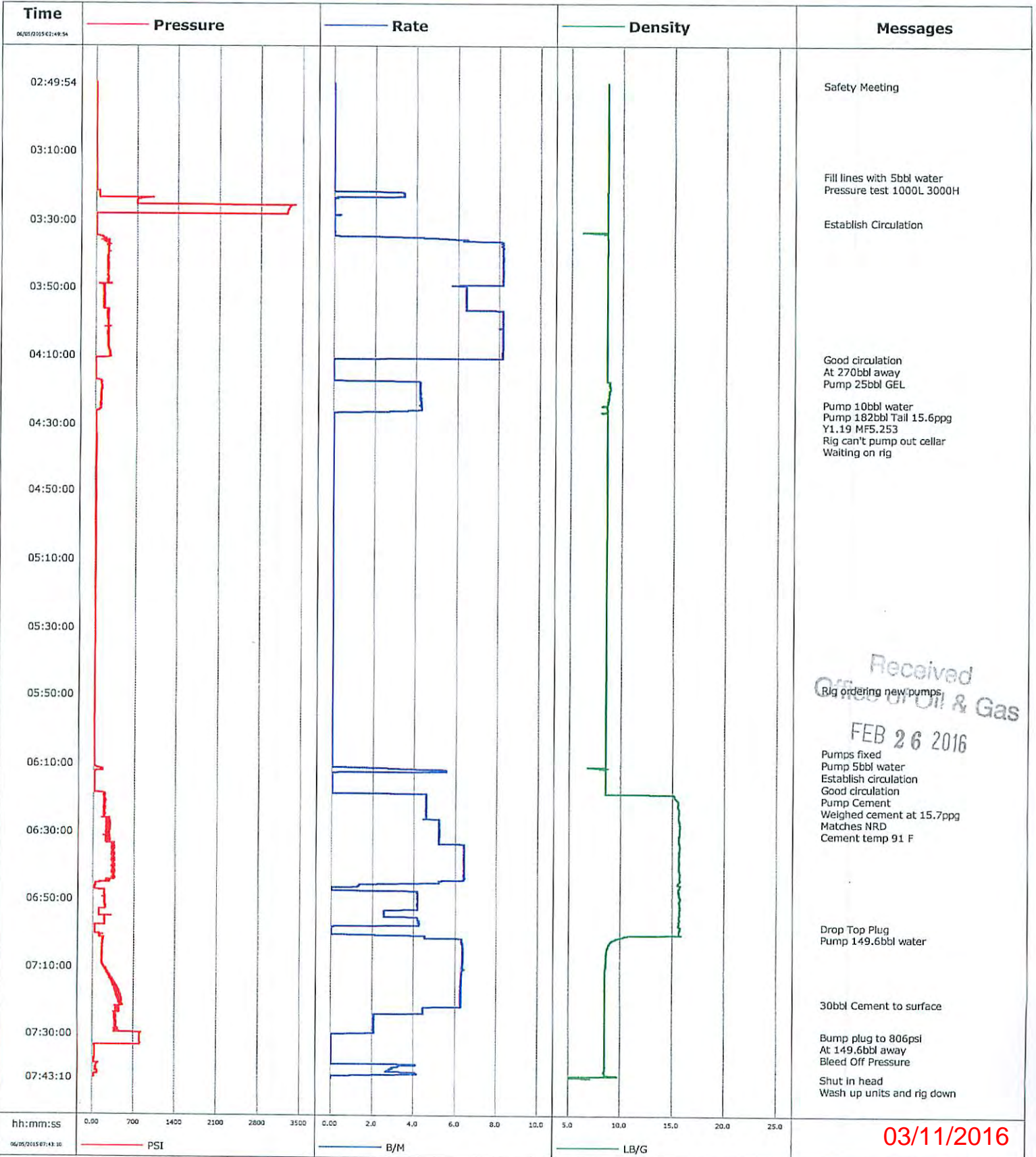
Received
Office of Oil & Gas
FEB 26 2016

Post Job Summary

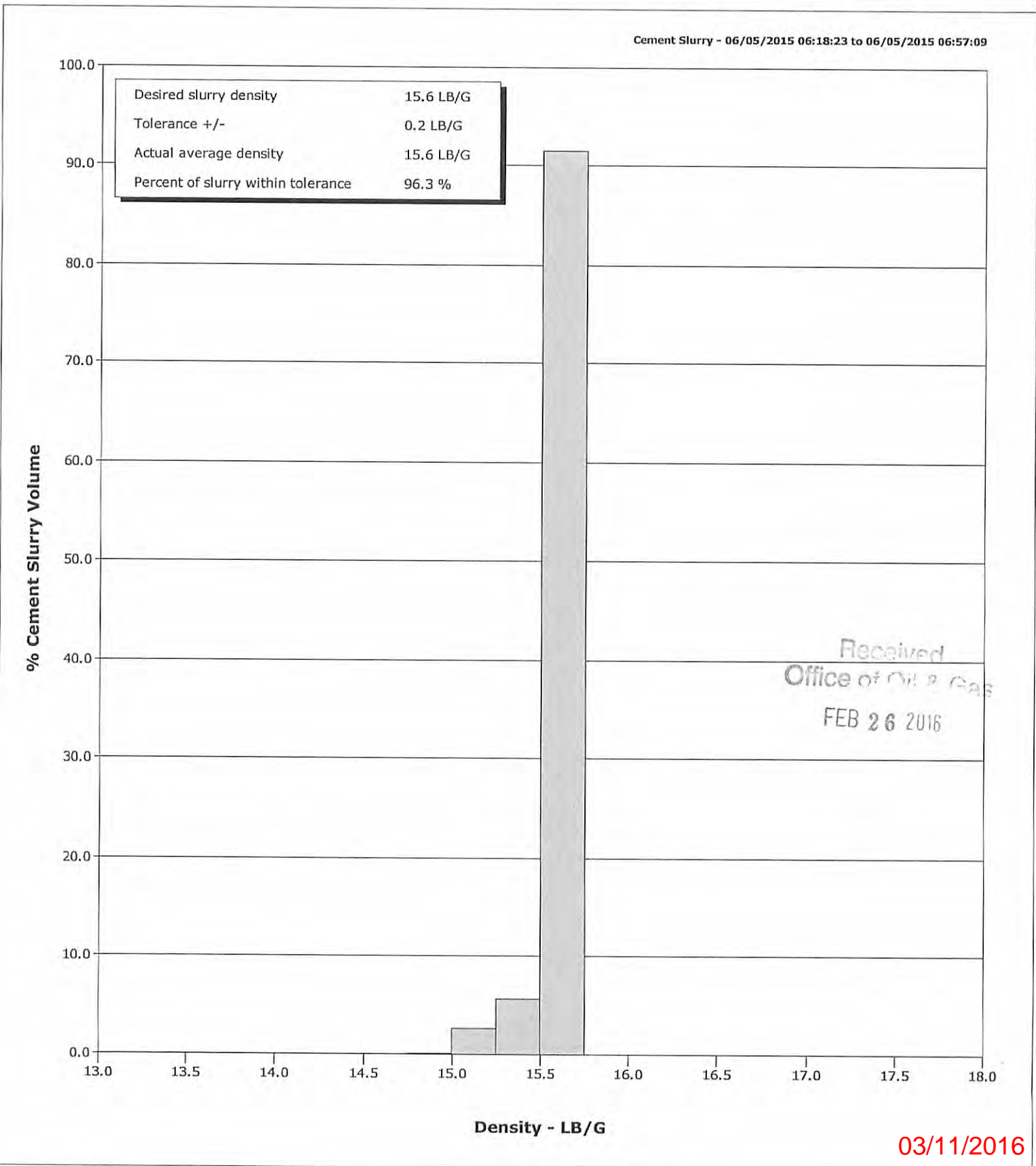
Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.5	0	0.0	8.2	677.4	0.0	0.0	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
500	21	141	806	0	0	0.0 bbl	0.00 lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
0.0 %	182.0 bbl		0.0 bbl	70 degF	<input type="checkbox"/>		bbl
Customer or Authorized Representative				Schlumberger Supervisor		Washed Thru Perfs	
Jim Cover				Jake Ropecka		<input type="checkbox"/>	
				Circulation Lost		Job Completed	
				-		<input checked="" type="checkbox"/>	

03/11/2016

Well	Statler 7H	Client	Northeast Natural Energy LLC
Field	0	SIR No.	DCHA-00017
Engineer	Jake Ropecka	Job Type	13 3/8 Surface
Country	United States	Job Date	06-05-2015



Well	Statler 7H	Client	Northeast Natural Energy LLC
Field	0	SIR No.	DCHA-00017
Engineer	Jake Ropecka	Job Type	13 3/8 Surface
Country	United States	Job Date	06-05-2015



Customer				Job Number			
NORTHEAST NATURAL ENERGY				DCHA-00021			
Well		Location (legal)		Schlumberger Location		Job Start	
STATLER 7H						Jun/10/2015	
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD
UNDESIGNAT				deg	in	ft	ft
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient
MONONGALIA		West Virginia		psi	degF	degF	lb/gal
Well Master		API/UWI					
0631627543		4706101697					
Rig Name		Drilled For	Service Via	Casing/Liner			
US ENERGY 9		Oil & Gas	Land	Depth, ft	Size, in	Weight, lb/ft	Grade
Offshore Zone		Well Class	Well Type				Thread
		New	Development				
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe			
		lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft
							Grade
							Thread
Service Line		Job Type					
Cementing		INTERMEDIATE 9 5/8"					
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection			
psi		psi					
Service Instructions							
CEMENT CASING AS PER COMPANY REP							
FILL LINES 5BBL'S H2O							
PTEST LOW 500 HIGH 1500PSI							
25BBL'S GEL SPACER							
10BBL'S H2O							
167.4BBL'S CEMENT @15.6PPG							
790SKS YLD:1.19 MW:5.253							
DROP TOP PLUG, DISPLACE 164.6BBL'S							
BUMP 500PSI OVER							
BLEED BACK, CHECK FLOATS							
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
Lift Pressure		1116 psi		Shoe Type		Squeeze Job	
				Float			
Pipe Rotated		Pipe Reciprocated		Shoe Depth		Tool Type	
<input type="checkbox"/>		<input type="checkbox"/>		2211.0 ft			
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Depth	
16		1				ft	
Cement Head Type		Single		Stage Tool Depth		Tail Pipe Size	
				ft		in	
Job Scheduled For		Arrived on Location	Leave Location	Collar Type		Tail Pipe Depth	
Jun/10/2015		Jun/10/2015	Jun/10/2015	Float		ft	
				Collar Depth		Sqz. Total Vol.	
				2172.0 ft		bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/11/2015	18:18:41	1	0.0	8.51	0.0	Started Acquisition	
06/11/2015	18:18:43	1	0.0	8.51	0.0	Start Job	
06/11/2015	18:20:21	1	0.0	8.51	0.0		
06/11/2015	18:22:01	-1	0.0	8.51	0.0		
06/11/2015	18:22:16	-2	0.0	8.51	0.0	ROLL HOLE	
06/11/2015	18:23:41	35	2.2	8.50	1.5		
06/11/2015	18:25:21	65	3.7	8.50	6.0		
06/11/2015	18:27:01	91	5.0	8.49	12.9		
06/11/2015	18:28:41	113	5.9	8.49	22.1		
06/11/2015	18:30:21	121	5.9	8.49	31.8		
06/11/2015	18:32:01	121	5.9	8.49	41.6		
06/11/2015	18:33:41	127	5.9	8.49	51.4		
06/11/2015	18:35:21	125	5.8	8.49	61.1		
06/11/2015	18:37:01	126	5.8	8.49	70.9		
06/11/2015	18:38:41	119	5.9	8.49	80.6		
06/11/2015	18:40:21	127	5.8	8.49	90.4		
06/11/2015	18:42:01	126	5.9	8.49	100.1		
06/11/2015	18:43:41	129	5.9	8.49	109.9		
06/11/2015	18:45:21	130	5.9	8.49	119.6		
06/11/2015	18:47:01	130	5.9	8.49	129.4		
06/11/2015	18:48:41	129	5.9	8.49	139.2		

Received
 Office of Oil & Gas
 FEB 26 2016

Well		Field	Job Start	Customer	Job Number	
STATLER 7H		UNDESIGNAT	Jun/10/2015	NORTHEAST NATURAL ENERGY	DCHA-00021	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
06/11/2015	18:52:01	132	5.8	8.49	158.7	
06/11/2015	18:53:41	6	0.0	8.49	163.9	
06/11/2015	18:55:21	56	3.5	8.49	167.8	
06/11/2015	18:57:01	58	3.5	8.49	173.6	
06/11/2015	18:58:41	62	3.5	8.49	179.4	
06/11/2015	19:00:21	65	3.5	8.49	185.2	
06/11/2015	19:02:01	92	4.4	8.49	191.7	
06/11/2015	19:03:41	150	4.8	8.49	199.3	
06/11/2015	19:05:21	135	4.8	8.49	207.4	
06/11/2015	19:07:01	122	4.8	8.49	215.3	
06/11/2015	19:08:41	122	4.8	8.52	223.5	
06/11/2015	19:10:21	126	4.8	8.50	231.5	
06/11/2015	19:12:01	136	4.8	8.50	239.6	
06/11/2015	19:13:41	147	4.7	8.49	247.3	
06/11/2015	19:15:21	154	4.7	8.49	255.2	
06/11/2015	19:17:01	164	4.7	8.49	263.0	
06/11/2015	19:18:41	181	4.7	8.49	270.8	
06/11/2015	19:20:21	125	4.8	8.49	278.7	
06/11/2015	19:22:01	116	4.8	8.49	286.6	
06/11/2015	19:23:41	131	5.0	8.49	294.7	
06/11/2015	19:25:21	122	5.0	8.49	303.1	
06/11/2015	19:27:01	206	5.0	8.50	311.5	
06/11/2015	19:28:41	130	5.0	8.49	319.8	
06/11/2015	19:30:21	145	5.0	8.49	328.1	
06/11/2015	19:32:01	120	5.0	8.49	336.3	
06/11/2015	19:33:41	189	5.0	8.49	344.6	
06/11/2015	19:35:21	130	5.0	8.49	352.9	
06/11/2015	19:37:01	127	5.0	8.49	361.3	
06/11/2015	19:38:41	182	5.0	8.49	369.6	
06/11/2015	19:40:21	128	5.0	8.49	377.9	
06/11/2015	19:42:01	160	5.0	8.49	386.3	
06/11/2015	19:43:41	129	5.0	8.49	394.6	
06/11/2015	19:45:21	122	5.0	8.49	403.0	
06/11/2015	19:47:01	120	5.0	8.49	411.4	
06/11/2015	19:48:41	123	5.0	8.49	419.8	
06/11/2015	19:50:21	132	5.0	8.49	428.1	
06/11/2015	19:52:01	134	5.0	8.49	436.5	
06/11/2015	19:53:41	133	5.0	8.49	444.9	
06/11/2015	19:55:21	137	5.0	8.49	453.3	
06/11/2015	19:57:01	218	4.9	8.49	461.6	
06/11/2015	19:58:41	174	5.0	8.49	469.9	
06/11/2015	20:00:21	169	5.0	8.49	478.2	
06/11/2015	20:02:01	137	5.0	8.49	486.6	
06/11/2015	20:03:41	139	5.0	8.49	494.9	
06/11/2015	20:05:21	142	5.0	8.49	503.3	
06/11/2015	20:07:01	142	5.0	8.49	511.6	
06/11/2015	20:08:41	142	5.0	8.49	520.0	
06/11/2015	20:10:21	144	5.0	8.49	528.3	
06/11/2015	20:12:01	135	5.0	8.49	536.6	
06/11/2015	20:13:41	132	5.0	8.49	545.0	
06/11/2015	20:15:21	142	5.0	8.49	553.3	
06/11/2015	20:17:01	145	5.0	8.49	561.6	
06/11/2015	20:18:41	138	5.0	8.49	569.9	
06/11/2015	20:20:21	138	5.0	8.49	578.3	

Received
Office of Oil & Gas
FEB 26 2016

Well		Field		Job Start		Customer		Job Number	
STATLER 7H		UNDESIGNAT		Jun/10/2015		NORTHEAST NATURAL ENERGY		DCHA-00021	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/11/2015	20:23:41	128	5.0	8.49	594.9				
06/11/2015	20:25:21	139	5.0	8.49	603.3				
06/11/2015	20:27:01	141	5.0	8.49	611.6				
06/11/2015	20:28:41	136	5.0	8.49	619.9				
06/11/2015	20:30:21	136	5.0	8.49	628.3				
06/11/2015	20:32:01	134	5.0	8.49	636.6				
06/11/2015	20:33:41	137	5.0	8.49	644.9				
06/11/2015	20:35:21	140	5.0	8.49	653.2				
06/11/2015	20:37:01	138	5.0	8.49	661.5				
06/11/2015	20:38:41	142	5.0	8.49	669.9				
06/11/2015	20:40:21	144	5.0	8.49	678.2				
06/11/2015	20:42:01	138	5.0	8.49	686.5				
06/11/2015	20:43:41	148	5.0	8.49	694.8				
06/11/2015	20:45:21	139	5.0	8.49	703.1				
06/11/2015	20:47:01	143	5.0	8.50	711.4				
06/11/2015	20:48:41	134	5.0	8.49	719.8				
06/11/2015	20:50:21	148	5.0	8.49	728.1				
06/11/2015	20:51:24	6	0.0	8.50	731.0	End Circulation			
06/11/2015	20:52:01	10	0.0	8.49	731.0				
06/11/2015	20:53:16	6	0.0	8.50	731.0	WAIT ON RIG TO LAY DOWN 1 JOINT			
06/11/2015	20:53:41	5	0.0	8.50	731.0				
06/11/2015	20:55:21	6	0.0	8.50	731.0				
06/11/2015	20:57:01	7	0.0	8.50	731.0				
06/11/2015	20:58:41	7	0.0	8.50	731.0				
06/11/2015	21:00:21	7	0.0	8.50	731.0				
06/11/2015	21:02:01	7	0.0	8.50	731.0				
06/11/2015	21:03:41	7	0.0	8.50	731.0				
06/11/2015	21:05:21	7	0.0	8.50	731.0				
06/11/2015	21:07:01	8	0.0	8.50	731.0				
06/11/2015	21:08:41	7	0.0	8.50	731.0				
06/11/2015	21:10:21	7	0.0	8.50	731.0				
06/11/2015	21:12:01	8	0.0	8.50	731.0				
06/11/2015	21:13:41	8	0.0	8.50	731.0				
06/11/2015	21:15:21	8	0.0	8.50	731.0				
06/11/2015	21:17:01	8	0.0	8.50	731.0				
06/11/2015	21:18:41	9	0.0	8.50	731.0				
06/11/2015	21:20:21	9	0.0	8.50	731.0				
06/11/2015	21:22:01	9	0.0	8.50	731.0				
06/11/2015	21:23:41	9	0.0	8.50	731.0				
06/11/2015	21:25:21	9	0.0	8.49	731.0				
06/11/2015	21:27:01	9	0.0	8.50	731.0				
06/11/2015	21:28:41	9	0.0	8.49	731.0				
06/11/2015	21:30:21	9	0.0	8.50	731.0				
06/11/2015	21:32:01	9	0.0	8.50	731.0				
06/11/2015	21:33:41	10	0.0	8.49	731.0				
06/11/2015	21:35:21	9	0.0	8.49	731.0				
06/11/2015	21:37:01	9	0.0	8.49	731.0				
06/11/2015	21:38:41	10	0.0	8.49	731.0				
06/11/2015	21:40:21	10	0.0	8.49	731.0				
06/11/2015	21:42:01	10	0.0	8.49	731.0				
06/11/2015	21:43:41	10	0.0	8.49	731.0				
06/11/2015	21:45:21	9	0.0	8.49	731.0				
06/11/2015	21:47:01	10	0.0	8.49	731.0				
06/11/2015	21:48:41	10	0.0	8.49	731.0				

Received
Office of Oil & Gas
FEB 26 2016

Well		Field	Job Start	Customer	Job Number	
STATLER 7H		UNDESIGNAT	Jun/10/2015	NORTHEAST NATURAL ENERGY	DCHA-00021	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
06/11/2015	21:52:01	10	0.0	8.49	731.0	
06/11/2015	21:53:41	10	0.0	8.49	731.0	
06/11/2015	21:55:21	10	0.0	8.49	731.0	
06/11/2015	21:57:01	10	0.0	8.49	731.0	
06/11/2015	21:58:41	10	0.0	8.49	731.0	
06/11/2015	22:00:21	10	0.0	8.49	731.0	
06/11/2015	22:02:01	11	0.0	8.49	731.0	
06/11/2015	22:03:41	10	0.0	8.49	731.0	
06/11/2015	22:05:21	10	0.0	8.49	731.0	
06/11/2015	22:07:01	10	0.0	8.49	731.0	
06/11/2015	22:08:41	11	0.0	8.49	731.0	
06/11/2015	22:10:21	10	0.0	8.49	731.0	
06/11/2015	22:12:01	10	0.0	8.49	731.0	
06/11/2015	22:13:41	11	0.0	8.49	731.0	
06/11/2015	22:15:21	11	0.0	8.49	731.0	
06/11/2015	22:17:01	11	0.0	8.48	731.0	
06/11/2015	22:18:41	11	0.0	8.49	731.0	
06/11/2015	22:20:21	11	0.0	8.49	731.0	
06/11/2015	22:22:01	11	0.0	8.49	731.0	
06/11/2015	22:23:41	11	0.0	8.49	731.0	
06/11/2015	22:25:21	11	0.0	8.49	731.0	
06/11/2015	22:27:01	11	0.0	8.48	731.0	
06/11/2015	22:28:41	11	0.0	8.47	731.0	
06/11/2015	22:30:21	10	0.0	8.48	731.0	
06/11/2015	22:32:01	10	0.0	8.48	731.0	
06/11/2015	22:33:41	11	0.0	8.48	731.0	
06/11/2015	22:35:21	11	0.0	8.48	731.0	
06/11/2015	22:37:01	14	0.0	8.48	731.0	
06/11/2015	22:38:41	13	0.0	8.48	731.0	
06/11/2015	22:40:21	14	0.0	8.48	731.0	
06/11/2015	22:42:01	13	0.0	8.48	731.0	
06/11/2015	22:43:41	13	0.0	8.48	731.0	
06/11/2015	22:45:21	13	0.0	8.48	731.0	
06/11/2015	22:47:01	13	0.0	8.48	731.0	
06/11/2015	22:48:41	13	0.0	8.48	731.0	
06/11/2015	22:50:21	14	0.0	8.48	731.0	
06/11/2015	22:52:01	14	0.0	8.48	731.0	
06/11/2015	22:53:33	13	0.0	8.48	731.0	Reset Total, Vol = 731.07 bbl
06/11/2015	22:53:41	13	0.0	8.48	731.0	
06/11/2015	22:55:21	13	0.0	8.48	731.0	
06/11/2015	22:57:01	57	2.4	8.49	733.0	
06/11/2015	22:58:41	35	1.1	8.49	737.9	
06/11/2015	23:00:16	30	0.0	8.49	737.9	Pressure Test Lines
06/11/2015	23:00:21	30	0.0	8.49	737.9	
06/11/2015	23:02:01	505	0.0	8.49	737.9	
06/11/2015	23:03:41	1719	0.0	8.49	737.9	
06/11/2015	23:05:21	1585	0.0	8.49	737.9	
06/11/2015	23:07:01	1483	0.0	8.49	737.9	
06/11/2015	23:08:41	23	0.0	8.49	737.9	
06/11/2015	23:10:21	84	3.1	8.49	740.0	
06/11/2015	23:12:01	24	0.0	8.49	743.6	
06/11/2015	23:12:58	25	0.0	8.49	743.6	Reset Total, Vol = 12.58 bbl
06/11/2015	23:13:22	25	0.0	8.49	743.6	ESTABLISH CIRCULATION AGAIN
06/11/2015	23:13:41	25	0.0	8.49	743.6	

Received
Office of Oil & Gas
FEB 26 2016

Well		Field		Job Start		Customer		Job Number	
STATLER 7H		UNDESIGNAT		Jun/10/2015		NORTHEAST NATURAL ENERGY		DCHA-00021	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/N	Density LB/G	Volume BBL	Message			
06/11/2015	23:15:49	34	1.4	8.74	744.1	Start Pumping Spacer			
06/11/2015	23:17:01	120	4.3	8.33	748.0				
06/11/2015	23:18:41	130	4.4	8.65	755.2				
06/11/2015	23:20:21	125	4.3	8.65	762.4				
06/11/2015	23:22:01	114	4.3	8.53	769.6				
06/11/2015	23:23:23	64	3.1	8.50	775.3	MIX			
06/11/2015	23:23:41	66	3.1	8.50	776.2				
06/11/2015	23:24:29	13	0.0	8.50	778.4	End Spacer			
06/11/2015	23:24:33	16	0.0	8.50	778.4	Reset Total, Vol = 34.75 bbl			
06/11/2015	23:25:21	18	0.0	8.50	778.4				
06/11/2015	23:27:01	19	0.0	8.50	778.4				
06/11/2015	23:28:41	19	0.0	8.50	778.4				
06/11/2015	23:30:21	198	4.5	15.12	781.5				
06/11/2015	23:30:54	184	4.4	15.10	783.9	Start Cement Slurry			
06/11/2015	23:32:01	173	4.4	15.14	788.9				
06/11/2015	23:33:41	186	4.4	15.33	796.3				
06/11/2015	23:35:21	336	5.5	15.52	804.0				
06/11/2015	23:37:01	414	6.5	15.80	813.7				
06/11/2015	23:38:41	447	6.5	15.77	824.3				
06/11/2015	23:40:21	420	6.5	15.68	835.1				
06/11/2015	23:41:16	387	6.4	15.71	841.0	WEIGHT VERRIFIED			
06/11/2015	23:42:01	371	6.3	15.73	845.7				
06/11/2015	23:43:41	199	4.4	15.74	853.8				
06/11/2015	23:45:21	198	4.4	15.74	861.2				
06/11/2015	23:47:01	406	6.3	15.86	868.6				
06/11/2015	23:48:41	370	6.3	15.83	879.2				
06/11/2015	23:50:21	397	6.3	15.85	889.7				
06/11/2015	23:52:01	207	4.2	15.81	898.7				
06/11/2015	23:53:41	181	4.2	15.73	905.7				
06/11/2015	23:55:21	316	4.2	15.85	912.7				
06/11/2015	23:57:01	430	6.5	15.93	922.3				
06/11/2015	23:58:41	211	4.1	15.81	932.5				
06/12/2015	00:00:21	186	4.1	15.41	939.3				
06/12/2015	00:01:58	193	4.2	15.72	945.6	End Cement Slurry			
06/12/2015	00:02:00	26	3.9	15.72	945.8	Reset Total, Vol = 167.38 bbl			
06/12/2015	00:02:01	4	3.0	15.72	945.8				
06/12/2015	00:03:41	4	0.0	12.05	946.0				
06/12/2015	00:04:04	5	0.0	11.69	946.0	Drop Top Plug			
06/12/2015	00:04:36	13	0.0	10.94	946.0	Start Displacement			
06/12/2015	00:05:21	170	6.1	9.47	949.2				
06/12/2015	00:07:01	157	6.3	8.79	959.4				
06/12/2015	00:08:41	153	6.3	8.62	969.8				
06/12/2015	00:10:21	152	6.3	8.56	980.2				
06/12/2015	00:12:01	143	6.1	8.60	990.6				
06/12/2015	00:13:41	134	6.1	8.70	1000.8				
06/12/2015	00:15:21	154	6.2	8.48	1011.0				
06/12/2015	00:17:01	180	0.0	8.49	1021.5				
06/12/2015	00:18:41	272	0.0	8.48	1032.5				
06/12/2015	00:20:21	331	6.1	8.48	1043.4				
06/12/2015	00:22:01	385	6.1	8.48	1053.6				
06/12/2015	00:23:41	468	6.1	8.48	1063.8				
06/12/2015	00:25:21	605	6.1	8.48	1073.9				
06/12/2015	00:27:01	712	6.1	8.48	1084.1				
06/12/2015	00:28:41	835	6.1	8.48	1094.3				

Received
 Office of Oil & Gas
 FEB 26 2016

Well		Field		Job Start		Customer		Job Number	
STATLER 7H		UNDESIGNAT		Jun/10/2015		NORTHEAST NATURAL ENERGY		DCHA-00021	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/12/2015	00:32:01	825	3.2	8.48	1107.2				
06/12/2015	00:33:00	1283	3.1	8.48	1110.4	Bump Top Plug			
06/12/2015	00:33:05	1298	0.3	8.48	1110.6	End Displacement			
06/12/2015	00:33:22	1312	0.0	8.48	1110.6	163.6BBL'S DISPLACED			
06/12/2015	00:33:41	1313	0.0	8.48	1110.6				
06/12/2015	00:35:21	1311	0.0	8.48	1110.6				
06/12/2015	00:37:01	1308	0.0	8.48	1110.6				
06/12/2015	00:38:41	1307	0.0	8.49	1110.6				
06/12/2015	00:39:35	1213	0.0	8.49	1110.6	Bleed Off Pressure			
06/12/2015	00:40:21	7	0.0	8.48	1110.6				
06/12/2015	00:40:53	7	0.0	8.49	1110.6	1BBL BACK, FLOATS HOLDING			
06/12/2015	00:42:01	7	0.0	8.49	1110.6				
06/12/2015	00:42:06	7	0.0	8.49	1110.6	3BBL'S CEMENT TO SURFACE			
06/12/2015	00:43:02	9	0.0	8.49	1110.6	End Job			
06/12/2015	00:43:41	9	0.0	8.49	1110.6				

Post Job Summary

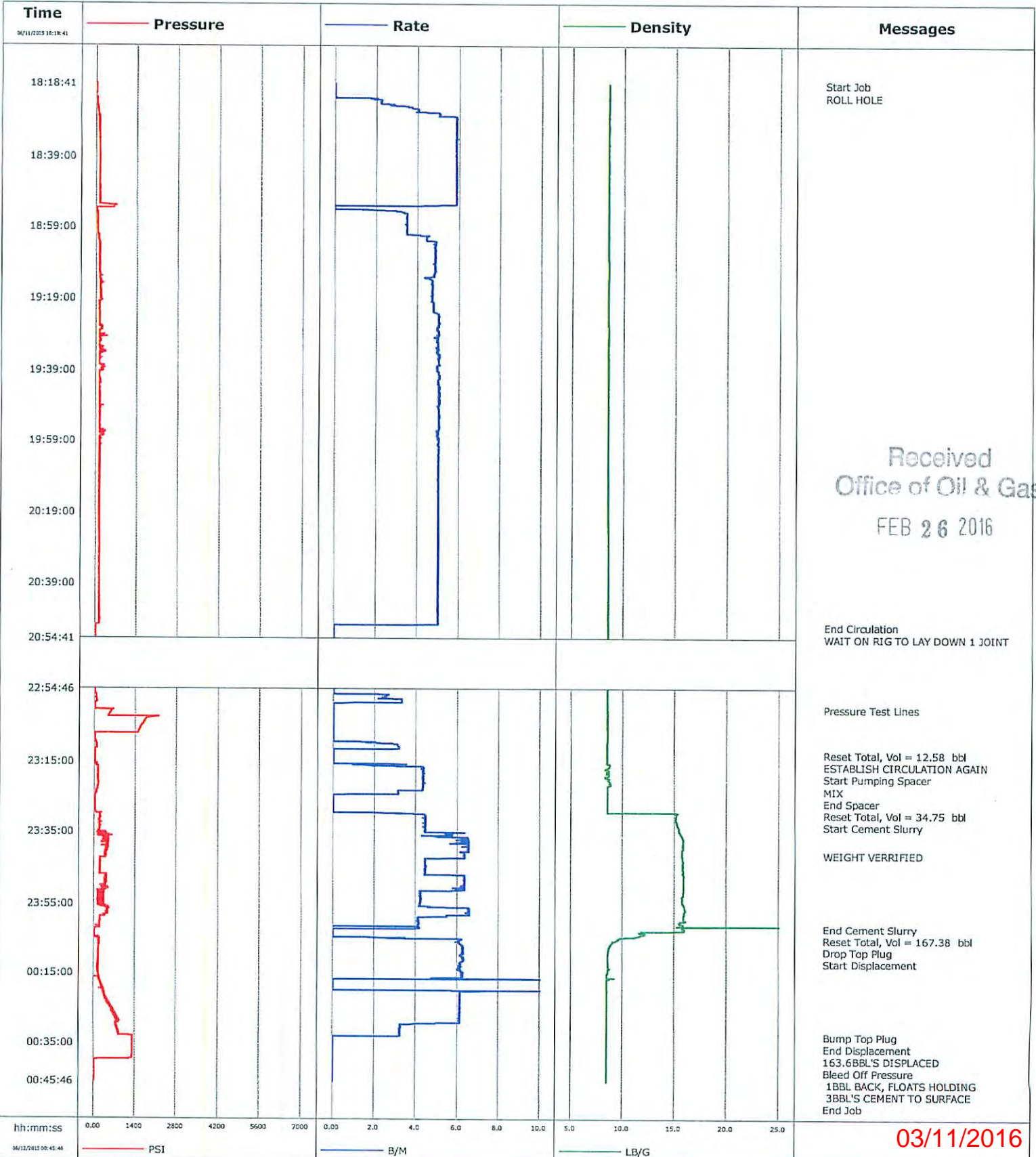
Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.0			6.7	167.4	0.0	34.8	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2178	9	156	1302			bbl	lb/gal
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	3.0 bbl
	167.4 bbl	163.6 bbl	80 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative		Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
JAMIE CZERNESKI		KOHREY ROHDE		-		-	

Received
Office of Oil & Gas

FEB 26 2016

03/11/2016

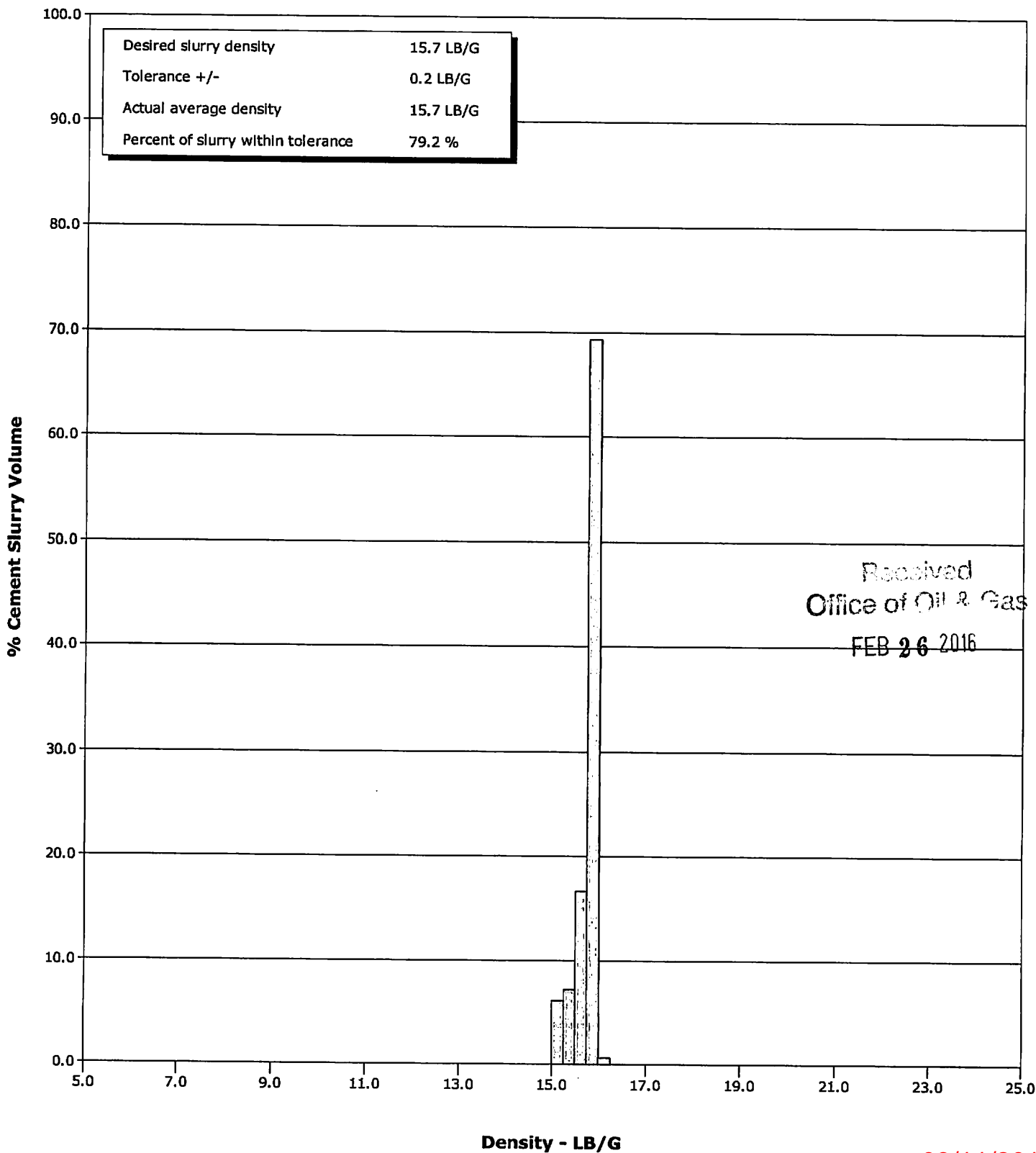
Well	STATLER 7H	Client	NORTHEAST NATURAL ENERGY
Field	UNDESIGNAT	SIR No.	DCHA-00021
Engineer	KOHREY RÖHDE	Job Type	INTERMEDIATE 9 5/8"
Country	United States	Job Date	06-10-2015



03/11/2016

Well	STATLER 7H	Client	NORTHEAST NATURAL ENERGY
Field	UNDESIGNAT	SIR No.	DCHA-00021
Engineer	KOHREY ROHDE	Job Type	INTERMEDIATE 9 5/8"
Country	United States	Job Date	06-10-2015

Cement Slurry - 06/11/2015 23:30:54 to 06/12/2015 00:01:58



03/11/2016

Well				Customer				Job Number									
Statler 7H 7H				Northeast Natural Energy				DCHA-00081									
Location (legal)				Schlumberger Location				Job Start									
								Aug/09/2015									
Field		Formation Name/Type		Deviation		Bit Size		Well MD		Well TVD							
UNDESIGNAT		Shale		90 deg		8.5 in		14.0 ft		8638.0 ft							
County		State/Province		BHP		BHST		BHCT		Pore Press. Gradient							
Monongalia		West Virginia		psi		141 degF		137 degF		lb/gal							
Well Master		API/UWI															
0631627543		4706101697															
Rig Name		Drilled For		Service Via		Casing/Liner											
Paterson # 254		Gas		Land		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
Offshore Zone		Well Class		Well Type		14746.0		5.5		20.0		110		BUTT			
		New		Development		2207.0		9.6		40.0							
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe											
		lb/gal		cP		T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line		Job Type															
Cementing		5.5" Production															
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole											
psi		psi		Double Cement head		Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval			
						ft		ft						ft			
						ft		ft						Diameter			
						ft		ft						in			
Service Instructions						Treat Down		Displacement		Packer Type		Packer Depth					
Northeastern Natural Energy Statler 7H 5.5 primary production Job						Casing		325.0 bbl		None		0.0 ft					
Pump 100 bbl MudPUSH @ 13.0 ppg						Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.					
Pump 592 bbl Tail Slurry @ 14.5 ppg						bbl		325.0 bbl		684.0 bbl		950.0 bbl					
Sks 2840 Yield 1.17 cuft/sk H2O 5.088 gal/sk																	
Drop top plug (3rd party)																	
Displace 327 bbl h2)																	
Floats held																	
4 bbls bled back																	
Casing/Tubing Secured		<input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement		<input checked="" type="checkbox"/>		Casing Tools		Squeeze Job							
Lift Pressure		12028 psi		Shoe Type		Float		Squeeze Type									
Pipe Rotated		<input type="checkbox"/>		Pipe Reciprocated		<input type="checkbox"/>		Shoe Depth		14746.0 ft		Tool Type					
No. Centralizers		Top Plugs		Bottom Plugs		1		Stage Tool Type		none		Tool Depth		ft			
Cement Head Type		Double		Stage Tool Depth		0.0 ft		Tail Pipe Size		in							
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Collar Depth		Float		Tail Pipe Depth		ft			
Aug/09/2015 07:00		Aug/09/2015 07:00		Aug/09/2015 22:00		14736.0 ft		Sqz. Total Vol.		bbl							
Date		Time 24-hr clock		Treating Pressure PSI		Flow Rate B/M		Density LB/G		Stage Volume BBL		Displacement Volume BBL		Total Slurry Volume BBL		Message	
08/09/2015		17:32:58		7		0.0		8.34		0.0		0.0		0.0		Started Acquisition	
08/09/2015		17:33:43		7		0.0		8.34		0.0		0.0		0.0		Office of Oil & Gas	
08/09/2015		17:34:28		7		0.0		8.34		0.0		0.0		0.0		FEB 28 2016	
08/09/2015		17:35:13		7		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:35:58		6		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:36:43		4		0.0		8.33		0.0		0.0		0.0			
08/09/2015		17:37:28		3		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:38:13		4		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:38:58		4		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:39:43		4		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:40:28		3		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:41:13		4		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:41:58		3		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:42:43		9		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:43:28		9		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:44:13		10		0.0		8.34		0.0		0.0		0.0			
08/09/2015		17:44:58		47		0.2		8.31		0.2		0.0		0.2			
08/09/2015		17:45:43		575		2.9		8.33		1.6		0.0		1.6			
08/09/2015		17:46:28		652		4.0		8.34		4.1		0.0		4.1			
08/09/2015		17:47:13		144		0.0		8.34		5.3		0.0		5.3			
08/09/2015		17:47:58		169		0.0		8.34		5.3		0.0		5.3			

Well			Field			Job Start		Customer		Job Number	
Stattler 7H 7H			UNDESIGNAT			Aug/09/2015		Northeast Natural Energy		DCHA-00081	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stage Volume BBL	Displacement Volume BBL	Total Slurry Volume BBL	Message			
08/09/2015	17:49:28	1120	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:50:13	2372	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:50:58	5284	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:51:43	5217	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:52:28	5198	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:53:13	5187	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:53:58	5112	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:54:43	-1	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:55:28	3	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:56:13	3	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:56:58	7	0.0	8.34	5.3	0.0	5.3				
08/09/2015	17:57:27	8	0.0	8.34	5.3	0.0	5.3	Pressure Test Lines			
08/09/2015	17:57:36	-45	0.0	8.34	5.3	0.0	5.3	Reset Total, Vol = 5.32 bbl			
08/09/2015	17:57:43	7	0.0	8.34	0.0	0.0	5.3				
08/09/2015	17:58:28	7	0.0	8.34	0.0	0.0	5.3				
08/09/2015	17:59:13	8	0.0	8.34	0.0	0.0	5.3				
08/09/2015	17:59:58	9	0.0	8.34	0.0	0.0	5.3				
08/09/2015	18:00:43	9	0.0	8.34	0.0	0.0	5.3				
08/09/2015	18:01:28	9	0.0	8.34	0.0	0.0	5.3				
08/09/2015	18:02:13	10	0.0	8.34	0.0	0.0	5.3				
08/09/2015	18:02:58	12	0.0	8.34	0.0	0.0	5.3				
08/09/2015	18:03:43	12	0.0	8.34	0.0	0.0	5.3				
08/09/2015	18:04:28	13	0.0	8.34	0.0	0.0	5.3				
08/09/2015	18:05:13	15	0.0	8.34	0.0	0.0	5.3				
08/09/2015	18:05:58	790	3.5	13.12	1.3	0.0	6.6				
08/09/2015	18:06:43	804	5.1	13.23	4.9	0.0	10.2				
08/09/2015	18:07:28	759	5.1	13.13	8.7	0.0	14.0				
08/09/2015	18:08:13	783	5.1	13.06	12.5	0.0	17.9				
08/09/2015	18:08:52	742	5.1	13.03	15.8	0.0	21.2	Dry Sample CTF 34064 MP			
08/09/2015	18:08:58	749	5.1	13.01	16.3	0.0	21.7				
08/09/2015	18:09:43	758	5.1	12.88	20.2	0.0	25.5				
08/09/2015	18:10:28	350	0.9	12.84	21.9	0.0	27.2				
08/09/2015	18:11:13	349	0.9	12.79	22.5	0.0	27.9				
08/09/2015	18:11:58	355	0.9	12.81	23.2	0.0	28.5				
08/09/2015	18:12:43	453	2.0	12.82	24.4	0.0	29.8				
08/09/2015	18:12:53	479	2.0	12.79	24.8	0.0	30.1	Water Results PH 7 Temp 65			
08/09/2015	18:13:01	477	2.0	12.79	25.0	0.0	30.4	Chlorides <100 mg/l			
08/09/2015	18:13:10	461	2.0	12.81	25.4	0.0	30.7	Hardness 50 ppm			
08/09/2015	18:13:19	685	3.7	12.79	25.8	0.0	31.1	Sulfates <200 mg/l			
08/09/2015	18:13:28	678	3.8	12.82	26.4	0.0	31.7				
08/09/2015	18:13:36	637	3.8	12.92	26.9	0.0	32.2	Mud weight confirmed 13.0			
08/09/2015	18:14:13	640	3.9	13.02	29.3	0.0	34.6				
08/09/2015	18:14:58	820	5.2	13.01	32.5	0.0	37.8				
08/09/2015	18:15:43	763	5.2	13.00	36.4	0.0	41.7				
08/09/2015	18:16:28	790	5.2	13.06	40.3	0.0	45.6				
08/09/2015	18:17:13	749	5.2	13.01	44.2	0.0	49.6				
08/09/2015	18:17:58	774	5.2	13.05	48.2	0.0	53.5				
08/09/2015	18:18:43	755	5.2	13.09	52.1	0.0	57.4				
08/09/2015	18:19:28	733	5.2	13.08	56.0	0.0	61.3				
08/09/2015	18:20:13	712	5.2	13.13	59.9	0.0	65.2				
08/09/2015	18:20:58	719	5.2	13.07	63.9	0.0	69.2				
08/09/2015	18:21:43	724	5.2	13.07	67.8	0.0	73.1				
08/09/2015	18:22:28	374	2.1	13.05	71.0	0.0	76.3				
08/09/2015	18:23:13	443	2.1	13.03	72.5	0.0	77.8				

Received
Office of Oil & Gas
FEB 26 2016

Well Statler 7H 7H			Field UNDESIGNAT			Job Start Aug/09/2015		Customer Northeast Natural Energy		Job Number DCHA-00081	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stage Volume BBL	Displacement Volume BBL	Total Slurry Volume BBL	Message			
08/09/2015	18:25:28	419	2.1	13.18	77.2	0.0	82.5				
08/09/2015	18:26:13	619	4.1	13.18	80.0	0.0	85.3				
08/09/2015	18:26:58	607	4.1	13.17	83.1	0.0	88.4				
08/09/2015	18:27:43	596	4.1	13.17	86.2	0.0	91.5				
08/09/2015	18:28:28	595	4.1	13.08	89.3	0.0	94.6				
08/09/2015	18:29:13	106	0.0	13.01	91.8	0.0	97.2				
08/09/2015	18:29:58	96	0.0	13.01	91.8	0.0	97.2				
08/09/2015	18:30:43	97	0.0	13.01	91.8	0.0	97.2				
08/09/2015	18:30:50	98	0.0	13.01	91.8	0.0	97.2	Start Pumping Spacer			
08/09/2015	18:30:52	97	0.0	13.01	91.8	0.0	97.2	End Spacer			
08/09/2015	18:30:54	100	0.0	13.01	91.8	0.0	97.2	Reset Total, Vol = 91.84 bbl			
08/09/2015	18:30:59	101	0.0	13.01	0.0	0.0	97.2	Start Mixing Tail Slurry			
08/09/2015	18:31:28	104	0.0	13.01	0.0	0.0	97.2				
08/09/2015	18:32:13	110	0.0	13.01	0.0	0.0	97.2				
08/09/2015	18:32:58	813	4.5	14.46	2.1	0.0	99.2				
08/09/2015	18:33:43	792	4.5	14.55	5.4	0.0	102.6				
08/09/2015	18:34:28	841	4.5	14.57	8.8	0.0	105.9				
08/09/2015	18:35:13	776	4.5	14.57	12.1	0.0	109.3				
08/09/2015	18:35:58	822	4.5	14.60	15.5	0.0	112.6				
08/09/2015	18:36:43	792	4.5	14.57	18.8	0.0	116.0				
08/09/2015	18:37:28	730	4.4	14.59	22.2	0.0	119.3				
08/09/2015	18:38:13	1148	6.3	14.68	26.6	0.0	123.8				
08/09/2015	18:38:58	1109	6.4	14.64	31.4	0.0	128.5				
08/09/2015	18:39:43	1080	6.4	14.62	36.2	0.0	133.3				
08/09/2015	18:40:28	1082	6.4	14.61	40.9	0.0	138.1				
08/09/2015	18:40:49	1045	6.3	14.64	43.1	0.0	140.3	Dry Sample Silo 50318 # 053885			
08/09/2015	18:41:13	1522	8.2	14.63	46.2	0.0	143.3				
08/09/2015	18:41:58	1453	8.2	14.64	52.3	0.0	149.5				
08/09/2015	18:42:43	1427	8.2	14.62	58.5	0.0	155.7				
08/09/2015	18:43:28	1403	8.2	14.65	64.7	0.0	161.8				
08/09/2015	18:44:13	1401	8.2	14.63	70.9	0.0	168.0				
08/09/2015	18:44:58	1375	8.2	14.63	77.0	0.0	174.2				
08/09/2015	18:45:43	1354	8.2	14.64	83.2	0.0	180.4				
08/09/2015	18:46:28	1328	8.2	14.64	89.4	0.0	186.6				
08/09/2015	18:47:13	1300	8.2	14.63	95.6	0.0	192.7				
08/09/2015	18:47:58	1280	8.2	14.63	101.8	0.0	198.9				
08/09/2015	18:48:43	1261	8.2	14.63	107.9	0.0	205.1				
08/09/2015	18:49:28	1238	8.2	14.62	114.1	0.0	211.3				
08/09/2015	18:50:13	1227	8.2	14.61	120.3	0.0	217.5				
08/09/2015	18:50:58	1205	8.2	14.61	126.5	0.0	223.6				
08/09/2015	18:51:43	1185	8.2	14.62	132.6	0.0	229.8				
08/09/2015	18:52:28	1162	8.2	14.61	138.8	0.0	236.0				
08/09/2015	18:53:13	1142	8.2	14.63	145.0	0.0	242.2				
08/09/2015	18:53:58	1124	8.2	14.63	151.2	0.0	248.4				
08/09/2015	18:54:43	1094	8.2	14.63	157.4	0.0	254.6				
08/09/2015	18:55:28	1077	8.3	14.63	163.6	0.0	260.7				
08/09/2015	18:56:13	1075	8.3	14.63	169.8	0.0	266.9				
08/09/2015	18:56:58	1067	8.2	14.63	176.0	0.0	273.1				
08/09/2015	18:57:43	1065	8.3	14.65	182.1	0.0	279.3				
08/09/2015	18:58:28	1050	8.3	14.65	188.3	0.0	285.5				
08/09/2015	18:59:13	626	6.4	14.65	193.8	0.0	290.9				
08/09/2015	18:59:58	356	5.4	14.64	198.5	0.0	295.7				
08/09/2015	19:00:43	127	2.3	14.63	201.3	0.0	298.5				
08/09/2015	19:01:28	125	2.3	14.61	203.1	0.0	300.2				

Office of Oil & Gas
FEB 26 2016

Well			Field			Job Start		Customer		Job Number	
Stafler 7H 7H			UNDESIGNAT			Aug/09/2015		Northeast Natural Energy		DCHA-00081	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stage Volume BBL	Displacement Volume BBL	Total Slurry Volume BBL	Message			
08/09/2015	19:02:58	381	4.5	14.75	208.3	0.0	305.5				
08/09/2015	19:03:43	353	4.5	14.75	211.7	0.0	308.8				
08/09/2015	19:04:28	325	4.5	14.55	215.0	0.0	312.2				
08/09/2015	19:05:13	123	2.4	14.27	217.8	0.0	314.9				
08/09/2015	19:05:58	117	2.4	14.54	219.6	0.0	316.8				
08/09/2015	19:06:43	120	2.4	14.48	221.4	0.0	318.6				
08/09/2015	19:07:28	355	4.5	14.79	224.0	0.0	321.2				
08/09/2015	19:08:13	955	8.2	14.73	229.8	0.0	326.9				
08/09/2015	19:08:58	963	8.3	14.70	236.0	0.0	333.1				
08/09/2015	19:09:43	1119	8.3	14.69	242.2	0.0	339.3				
08/09/2015	19:10:28	1061	8.3	14.49	248.4	0.0	345.5				
08/09/2015	19:11:13	1070	8.2	14.62	254.5	0.0	351.7				
08/09/2015	19:11:58	1077	8.3	14.63	260.7	0.0	357.9				
08/09/2015	19:12:43	1074	8.3	14.63	266.9	0.0	364.1				
08/09/2015	19:13:28	1063	8.3	14.63	273.1	0.0	370.3				
08/09/2015	19:14:13	1070	8.3	14.66	279.3	0.0	376.5				
08/09/2015	19:14:58	1076	8.3	14.63	285.5	0.0	382.7				
08/09/2015	19:15:43	1072	8.3	14.65	291.7	0.0	388.9				
08/09/2015	19:16:28	1086	8.3	14.69	297.9	0.0	395.1				
08/09/2015	19:17:13	1085	8.3	14.69	304.1	0.0	401.3				
08/09/2015	19:17:58	1076	8.3	14.67	310.3	0.0	407.5				
08/09/2015	19:18:35	1061	8.3	14.67	315.4	0.0	412.6	Cement Results Bulk 80 F Mixed 92F			
08/09/2015	19:18:43	1068	8.3	14.67	316.5	0.0	413.7				
08/09/2015	19:19:28	1069	8.3	14.66	322.7	0.0	419.9				
08/09/2015	19:20:13	1065	8.3	14.65	328.9	0.0	426.1				
08/09/2015	19:20:58	1067	8.3	14.65	335.1	0.0	432.3				
08/09/2015	19:21:43	1069	8.3	14.65	341.3	0.0	438.5				
08/09/2015	19:22:28	1073	8.3	14.64	347.5	0.0	444.7				
08/09/2015	19:23:13	1071	8.3	14.62	353.7	0.0	450.8				
08/09/2015	19:23:58	1083	8.3	14.61	359.9	0.0	457.0				
08/09/2015	19:24:43	1085	8.3	14.60	366.1	0.0	463.2				
08/09/2015	19:25:28	620	6.4	14.59	371.4	0.0	468.6				
08/09/2015	19:26:13	645	6.4	14.58	376.2	0.0	473.4				
08/09/2015	19:26:58	685	6.4	14.77	381.0	0.0	478.2				
08/09/2015	19:27:43	655	6.9	14.26	385.8	0.0	483.0				
08/09/2015	19:28:28	695	6.9	14.34	391.0	0.0	488.2				
08/09/2015	19:29:13	704	6.6	14.54	396.1	0.0	493.3				
08/09/2015	19:29:58	1199	7.9	14.65	401.0	0.0	498.2				
08/09/2015	19:30:43	1214	8.2	14.69	407.2	0.0	504.4				
08/09/2015	19:31:28	1224	8.2	14.68	413.4	0.0	510.6				
08/09/2015	19:32:05	1198	8.2	14.59	418.5	0.0	515.6	Dry Sample Silo 34291 # 053872			
08/09/2015	19:32:13	1201	8.2	14.59	419.6	0.0	516.7				
08/09/2015	19:32:58	1193	8.2	14.53	425.7	0.0	522.9				
08/09/2015	19:33:43	1182	8.2	14.56	431.9	0.0	529.1				
08/09/2015	19:34:28	1094	7.7	14.60	437.6	0.0	534.8				
08/09/2015	19:35:13	1210	8.1	14.59	443.5	0.0	540.7				
08/09/2015	19:35:58	1217	8.2	14.63	449.7	0.0	546.8				
08/09/2015	19:36:43	1230	8.2	14.63	455.8	0.0	553.0				
08/09/2015	19:37:28	1240	8.2	14.62	462.0	0.0	559.2				
08/09/2015	19:38:13	1235	8.2	14.61	468.2	0.0	565.3				
08/09/2015	19:38:58	1236	8.2	14.61	474.3	0.0	571.5				
08/09/2015	19:39:43	1249	8.2	14.61	480.5	0.0	577.7				
08/09/2015	19:40:28	1276	8.2	14.61	486.7	0.0	583.8				
08/09/2015	19:41:13	1268	8.3	14.57	492.8	0.0	590.0				

Received
Office of Oil & Gas
FEB 26 2016

Well			Field			Job Start		Customer		Job Number	
Staller 7H 7H			UNDESIGNAT			Aug/09/2015		Northeast Natural Energy		DCHA-00081	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stage Volume BBL	Displacement Volume BBL	Total Slurry Volume BBL	Message			
08/09/2015	19:42:43	799	6.5	14.54	504.6	0.0	601.7				
08/09/2015	19:43:28	837	6.4	14.58	509.4	0.0	606.6				
08/09/2015	19:44:13	808	6.4	14.60	514.2	0.0	611.4				
08/09/2015	19:44:58	855	6.4	14.61	519.0	0.0	616.1				
08/09/2015	19:45:43	830	6.4	14.62	523.7	0.0	620.9				
08/09/2015	19:46:28	849	6.4	14.62	528.5	0.0	625.7				
08/09/2015	19:47:13	828	6.3	14.63	533.3	0.0	630.5				
08/09/2015	19:47:58	829	6.4	14.62	538.1	0.0	635.2				
08/09/2015	19:48:43	821	6.4	14.62	542.8	0.0	640.0				
08/09/2015	19:49:28	862	6.4	14.62	547.6	0.0	644.8				
08/09/2015	19:50:13	847	6.4	14.62	552.4	0.0	649.5				
08/09/2015	19:50:58	867	6.4	14.60	557.2	0.0	654.3				
08/09/2015	19:51:43	333	4.5	14.60	561.5	0.0	658.7				
08/09/2015	19:52:28	91	2.5	14.66	563.6	0.0	660.8				
08/09/2015	19:53:13	112	2.1	14.63	565.3	0.0	662.5				
08/09/2015	19:53:58	396	4.5	14.62	567.9	0.0	665.1				
08/09/2015	19:54:43	402	4.5	14.61	571.2	0.0	668.4				
08/09/2015	19:55:28	387	4.5	14.63	574.6	0.0	671.8				
08/09/2015	19:56:13	441	4.5	14.52	578.0	0.0	675.1				
08/09/2015	19:56:58	431	4.5	14.55	581.3	0.0	678.5				
08/09/2015	19:57:43	12	0.0	14.64	583.1	0.0	680.2				
08/09/2015	19:58:25	15	0.0	14.46	583.1	0.0	680.2	Reset Total, Vol = 583.07 bbl			
08/09/2015	19:58:28	16	0.0	14.44	0.0	0.0	680.2				
08/09/2015	19:58:29	16	0.0	14.43	0.0	0.0	680.2	End Tail Slurry			
08/09/2015	19:58:38	15	0.0	14.42	0.0	0.0	680.2	wash			
08/09/2015	19:59:13	15	0.0	14.41	0.0	0.0	680.2				
08/09/2015	19:59:58	66	0.6	10.76	0.1	0.0	680.3				
08/09/2015	20:00:43	74	3.2	9.93	1.7	0.0	681.9				
08/09/2015	20:01:28	68	2.8	9.73	3.1	0.0	683.4				
08/09/2015	20:02:13	85	3.3	8.98	5.3	0.0	685.5				
08/09/2015	20:02:58	90	3.3	9.36	7.8	0.0	688.0				
08/09/2015	20:03:43	86	3.3	9.07	10.2	0.0	690.5				
08/09/2015	20:04:28	83	3.3	8.72	12.7	0.0	692.9				
08/09/2015	20:05:13	83	3.3	8.36	15.2	0.0	695.4				
08/09/2015	20:05:58	7	0.0	8.35	16.2	0.0	696.4				
08/09/2015	20:06:21	3	0.0	8.35	16.2	0.0	696.4	Reset Total, Vol = 16.16 bbl			
08/09/2015	20:06:26	2	0.0	8.35	0.0	0.0	0.0	Start Displacement			
08/09/2015	20:06:43	2	0.0	8.35	0.0	0.0	0.0				
08/09/2015	20:07:28	-0	0.0	8.35	0.0	0.0	0.0				
08/09/2015	20:08:13	-3	0.0	8.35	0.0	0.0	0.0				
08/09/2015	20:08:51	-3	0.0	8.35	0.0	0.0	0.0	Drop Top Plug			
08/09/2015	20:08:58	-3	0.0	8.35	0.0	0.0	0.0				
08/09/2015	20:09:43	68	3.7	8.39	1.2	1.2	1.2				
08/09/2015	20:10:28	91	4.1	8.40	4.0	4.0	4.0				
08/09/2015	20:11:13	296	8.2	8.38	9.6	9.5	9.6				
08/09/2015	20:11:58	1184	8.1	8.35	15.7	15.6	15.7				
08/09/2015	20:12:43	1207	8.1	8.35	21.8	21.7	21.8				
08/09/2015	20:13:28	1269	8.1	8.35	27.9	27.8	27.9				
08/09/2015	20:14:13	1352	8.1	8.35	34.0	33.9	34.0				
08/09/2015	20:14:58	1456	8.1	8.35	40.1	40.0	40.1				
08/09/2015	20:15:43	1535	8.1	8.35	46.2	46.1	46.2				
08/09/2015	20:16:28	1616	8.1	8.35	52.3	52.1	52.3				
08/09/2015	20:17:13	1697	8.1	8.35	58.4	58.2	58.4				
08/09/2015	20:17:58	1790	8.1	8.35	64.4	64.3	64.4				

Office of Gas
FEB 26 2016

Well			Field			Job Start		Customer		Job Number	
Statter 7H 7H			UNDESIGNAT			Aug/09/2015		Northeast Natural Energy		DCHA-00081	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stage Volume BBL	Displacement Volume BBL	Total Slurry Volume BBL	Message			
08/09/2015	20:19:28	1973	8.1	8.35	76.5	76.4	76.5				
08/09/2015	20:20:13	2067	8.1	8.35	82.6	82.5	82.6				
08/09/2015	20:20:58	2154	8.1	8.35	88.6	88.5	88.6				
08/09/2015	20:21:43	2257	8.0	8.35	94.7	94.6	94.7				
08/09/2015	20:22:28	2335	8.0	8.35	100.7	100.6	100.7				
08/09/2015	20:23:13	2424	8.0	8.35	106.7	106.6	106.7				
08/09/2015	20:23:58	2506	8.0	8.35	112.8	112.6	112.8				
08/09/2015	20:24:43	2608	8.0	8.35	118.8	118.6	118.8				
08/09/2015	20:25:28	2696	8.0	8.35	124.9	124.6	124.8				
08/09/2015	20:26:13	2773	8.0	8.35	130.8	130.7	130.8				
08/09/2015	20:26:58	2866	8.0	8.35	136.8	136.7	136.8				
08/09/2015	20:27:43	2961	8.0	8.35	142.8	142.7	142.8				
08/09/2015	20:28:28	3056	8.0	8.35	148.8	148.7	148.8				
08/09/2015	20:29:13	3135	8.0	8.35	154.8	154.6	154.8				
08/09/2015	20:29:58	3219	8.0	8.35	160.8	160.6	160.8				
08/09/2015	20:30:43	3300	8.0	8.35	166.7	166.6	166.7				
08/09/2015	20:31:28	3377	8.0	8.35	172.7	172.6	172.7				
08/09/2015	20:32:13	3440	7.9	8.35	178.6	178.5	178.6				
08/09/2015	20:32:58	3490	7.8	8.35	184.5	184.4	184.5				
08/09/2015	20:33:43	3521	7.8	8.35	190.4	190.3	190.4				
08/09/2015	20:34:28	3521	7.8	8.35	196.3	196.1	196.3				
08/09/2015	20:35:13	3517	7.8	8.35	202.1	202.0	202.1				
08/09/2015	20:35:58	3530	7.8	8.35	208.0	207.9	208.0				
08/09/2015	20:36:43	3529	7.8	8.35	213.9	213.7	213.9				
08/09/2015	20:37:28	3531	7.8	8.35	219.7	219.6	219.7				
08/09/2015	20:38:13	3526	7.8	8.35	225.6	225.5	225.6				
08/09/2015	20:38:58	3529	7.8	8.35	231.4	231.3	231.4				
08/09/2015	20:39:43	3528	7.8	8.35	237.3	237.2	237.3				
08/09/2015	20:40:28	3532	7.8	8.35	243.2	243.0	243.2				
08/09/2015	20:41:13	3538	7.8	8.35	249.0	248.9	249.0				
08/09/2015	20:41:58	3530	7.8	8.35	254.9	254.8	254.9				
08/09/2015	20:42:43	3533	7.8	8.35	260.8	260.6	260.8				
08/09/2015	20:43:28	3535	7.8	8.35	266.6	266.5	266.6				
08/09/2015	20:44:13	3555	7.8	8.35	272.5	272.3	272.5				
08/09/2015	20:44:58	3561	7.8	8.35	278.3	278.2	278.3				
08/09/2015	20:45:43	3561	7.8	8.35	284.2	284.1	284.2				
08/09/2015	20:46:28	3572	7.8	8.35	290.0	289.9	290.0				
08/09/2015	20:47:13	3579	7.8	8.35	295.9	295.8	295.9				
08/09/2015	20:47:58	3579	7.8	8.35	301.7	301.6	301.7				
08/09/2015	20:48:43	3569	7.8	8.35	307.6	307.5	307.6				
08/09/2015	20:49:28	3562	7.8	8.35	313.4	313.3	313.4				
08/09/2015	20:50:13	3133	6.1	8.35	319.1	319.0	319.1				
08/09/2015	20:50:58	3002	3.1	8.35	321.7	321.6	321.7				
08/09/2015	20:51:43	3022	3.1	8.35	324.0	324.0	324.0				
08/09/2015	20:52:28	3007	3.1	8.35	326.4	326.3	326.4				
08/09/2015	20:53:13	2952	3.1	8.35	328.7	328.6	328.7				
08/09/2015	20:53:58	3401	0.0	8.35	330.6	330.6	330.6				
08/09/2015	20:54:43	3419	0.0	8.35	330.6	330.6	330.6				
08/09/2015	20:55:28	3451	0.0	8.35	330.6	330.6	330.6				
08/09/2015	20:56:13	3448	0.0	8.35	330.6	330.6	330.6				
08/09/2015	20:56:58	3484	0.0	8.35	330.6	330.6	330.6				
08/09/2015	20:57:43	3480	0.0	8.35	330.6	330.6	330.6				
08/09/2015	20:57:56	3484	0.0	8.35	330.6	330.6	330.6	Bump Top Plug			
08/09/2015	20:57:58	3487	0.0	8.35	330.6	330.6	330.6	End Displacement			

Received
Office of Oil & Gas
FEB 26 2016

Well			Field		Job Start		Customer		Job Number	
Statter 7H 7H			UNDESIGNAT		Aug/09/2015		Northeast Natural Energy		DCHA-00081	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Stage Volume BBL	Displacement Volume BBL	Total Slurry Volume BBL	Message		
08/09/2015	20:58:28	3492	0.0	8.35	330.6	330.6	330.6			
08/09/2015	20:59:13	3507	0.0	8.35	330.6	330.6	330.6			
08/09/2015	20:59:58	3133	0.0	8.35	330.6	330.6	330.6			
08/09/2015	21:00:43	231	0.0	8.35	330.6	330.6	330.6			
08/09/2015	21:01:10	5	0.0	8.35	330.6	330.6	330.6	Bled back 4bbl floats held		
08/09/2015	21:01:28	6	0.0	8.35	330.6	330.6	330.6			
08/09/2015	21:02:13	5	0.0	8.35	330.6	330.6	330.6			
08/09/2015	21:02:58	6	0.2	8.35	330.9	330.6	330.9			
08/09/2015	21:03:43	63	2.7	8.35	332.2	330.6	332.2			
08/09/2015	21:04:28	45	2.1	8.36	334.2	330.6	334.2			
08/09/2015	21:05:13	60	2.5	8.41	335.2	330.6	335.2			
08/09/2015	21:05:58	68	2.7	8.45	337.1	330.6	337.1			
08/09/2015	21:06:43	17	1.1	8.28	338.7	330.6	338.7			
08/09/2015	21:07:28	27	1.5	8.02	339.1	330.6	339.1			
08/09/2015	21:08:13	10	0.0	6.83	339.4	330.6	339.4			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6.2			8.5	592.0	0.0	100.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5377	12	1244	3600			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
%	592.0 bbl		327.0 bbl	65 degF	<input type="checkbox"/>		bbl
Customer or Authorized Representative			Schlumberger Supervisor		Washed Thru Perfs		To
Jamie Czemeski			Donald Casler		<input type="checkbox"/>		ft
					Circulation Lost		Job Completed
					<input type="checkbox"/>		<input checked="" type="checkbox"/>

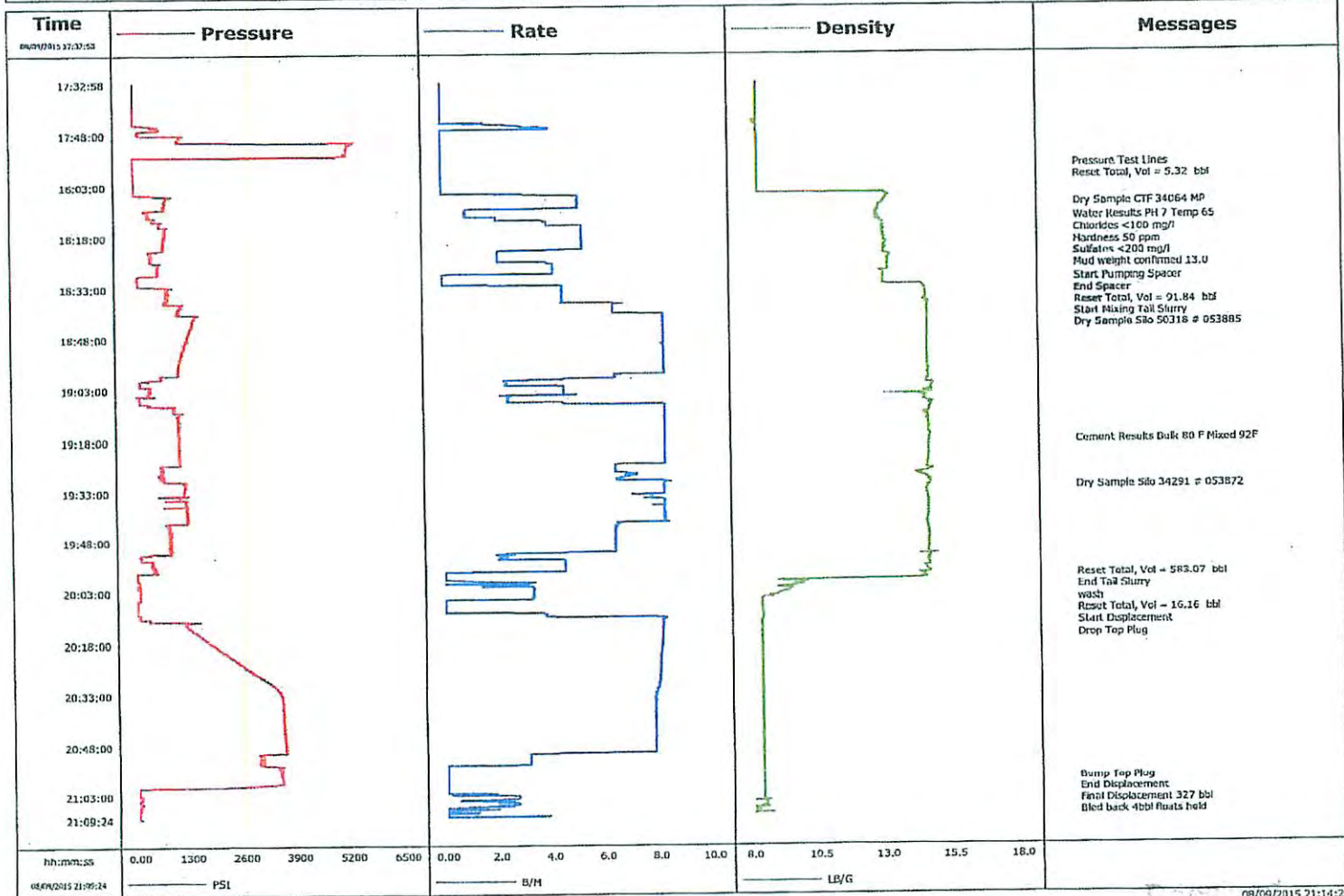
Received
Office of Oil & Gas
FEB 26 2016



Cementing Job Report

CemCAT v1.6

Well	Stetler 7H	Client	Northeast Natural Energy
Field	UNDESIGNAT	SIR No.	DCHA-00081
Engineer	Donald Casler	Job Type	5.5" Production
Country	United States	Job Date	08-09-2015



08/09/2015 21:14:29

Office of Operations

FEB 26 2016

03/11/2016

Perforation Record

Office of Oil & Gas
RECEIVED
FEB 26 2016

Stage Number	Report Date	Perforated from MD ft	Perforated to MD ft	Number of Perforations	Formation
1	9/12/2015	14658	14520	40	Marcellus Shale
2	10/11/2015	14490	14330	40	Marcellus Shale
3	10/11/2015	14292	14132	40	Marcellus Shale
4	10/30/2015	14095	13935	40	Marcellus Shale
5	10/30/2015	13898	13738	40	Marcellus Shale
6	10/30/2015	13700	13540	40	Marcellus Shale
7	10/30/2015	13503	13343	40	Marcellus Shale
8	10/31/2015	13306	13147	40	Marcellus Shale
9	10/31/2015	13108	12948	40	Marcellus Shale
10	10/31/2015	12911	12748	40	Marcellus Shale
11	10/31/2015	12710	12554	40	Marcellus Shale
12	10/31/2015	12516	12358	40	Marcellus Shale
13	10/31/2015	12319	12159	40	Marcellus Shale
14	11/1/2015	12121	11962	40	Marcellus Shale
15	11/2/2015	11922	11764	40	Marcellus Shale
16	11/2/2015	11727	11567	40	Marcellus Shale
17	11/2/2015	11529	11370	40	Marcellus Shale
18	11/2/2015	11332	11172	40	Marcellus Shale
19	11/3/2015	11135	10975	40	Marcellus Shale
20	11/3/2015	10937	10777	40	Marcellus Shale
21	11/3/2015	10740	10585	40	Marcellus Shale
22	11/3/2015	10543	10383	40	Marcellus Shale
23	11/4/2015	10345	10185	40	Marcellus Shale
24	11/6/2015	10152	9988	40	Marcellus Shale
25	11/6/2015	9951	9791	40	Marcellus Shale
26	11/6/2015	9951	9791	40	Marcellus Shale
27	11/6/2015	9556	9396	40	Marcellus Shale
28	11/6/2015	9359	9199	40	Marcellus Shale
29	11/7/2015	9161	9001	40	Marcellus Shale

FEB 26 2016

Stimulation Record

Stage Number	Report Date	Avg Treating Rate (BPM)	Avg Treating Pressure (psi)	Breakdown Pressure (psi)	ISIP (psi)	Total Proppant Amount (lbs)	Total Clean Fluid (Bbls)
1	9/12/2015	85	8,791	7,493	4,885	369,900	7,143
2	10/11/2015	63	8,952	7,244	5,795	309,440	10,294
3	10/11/2015	68	8,274	7,276	5,161	303,640	5,095
4	10/30/2015	75	8,349	6,619	6,043	403,200	6,889
5	10/30/2015	73	8,540	8,400	4,918	403,880	6,144
6	10/30/2015	72	8,598	8,350	5,107	373,700	6,700
7	10/30/2015	76	8,733	6,400	5,279	261,000	5,829
8	10/31/2015	69	8,414	7,097	5,343	407,700	6,507
9	10/31/2015	75	9,060	6,750	5,738	402,860	7,630
10	10/31/2015	88	8,837	6,900	6,414	302,180	5,495
11	10/31/2015	85	8,071	6,746	6,235	307,600	5,678
12	10/31/2015	79	8,482	8,072	6,209	303,300	6,190
13	10/31/2015	89	8,428	6,797	5,821	206,500	5,001
14	11/1/2015	88	8,881	6,876	5,010	194,200	3,690
15	11/2/2015	75	8,590	7,171	6,135	290,000	7,846
16	11/2/2015	80	8,551	6,877	6,321	300,060	6,792
17	11/2/2015	81	8,361	7,075	5,991	301,400	5,437
18	11/2/2015	80	8,272	7,346	5,675	304,600	5,904
19	11/3/2015	77	8,505	7,573	6,229	298,700	7,677
20	11/3/2015	80	8,071	7,514	6,211	303,900	5,236
21	11/3/2015	80	8,089	7,383	5,628	302,280	5,089
22	11/3/2015	82	8,179	7,559	5,688	286,700	5,037
23	11/4/2015	80	8,263	6,871	6,146	301,500	5,379
24	11/6/2015	85	8,184	6,900	5,654	304,400	5,299
25	11/6/2015	80	8,203	7,295	6,064	250,800	4,495
26	11/6/2015	80	8,143	7,063	5,520	351,000	6,291
27	11/6/2015	80	8,176	6,882	5,959	350,700	6,818
28	11/6/2015	86	8,182	6,841	6,455	302,500	5,574
29	11/7/2015	89	7,935	7,348	6,356	347,100	6,084

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	9/12/2015
Job End Date:	11/7/2015
State:	West Virginia
County:	Monongalia
API Number:	47-061-01698-00-00
Operator Name:	Northeast Natural Energy LLC
Well Name and Number:	Statler 7H
Longitude:	-80.17804900
Latitude:	39.70782300
Datum:	NAD83
Federal/Tribal Well:	NO
True Vertical Depth:	7,908
Total Base Water Volume (gal):	8,214,948
Total Base Non Water Volume:	0

Of
FLD 2.0 - 2.10



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	Northeast Natural Energy LLC	Water					
			Water	7732-18-5	100.00000	86.08478	
Sand	C&J Well Services	Sand - Bulk - Pennsylvania					
			Crystalline Silica, quartz	14808-60-7	99.90000	8.04830	
			Aluminum Oxide	1344-28-1	1.10000	0.08862	
			Iron Oxide	1309-37-1	0.10000	0.00806	
			Titanium Oxide	13463-67-7	0.10000	0.00806	
Sand	C&J Well Services	Sand - Bulk - Pennsylvania					
			Crystalline Silica, quartz	14808-60-7	99.90000	4.81366	
			Aluminum Oxide	1344-28-1	1.10000	0.05300	
			Titanium Oxide	13463-67-7	0.10000	0.00482	
			Iron Oxide	1309-37-1	0.10000	0.00482	
HC-15	C&J Well Services	Bulk Acid					
			Hydrochloric Acid	7647-01-0	15.00000	0.09904	
GA-6	C&J Well Services	Gelling Agents					
			Distillates (Petroleum), Hydrotreated Light	64742-47-8	60.00000	0.03278	
			Guar Gum	9000-30-0	55.00000	0.03005	

FR-18	C&J Well Services	Friction Reducer	Organophylic Clay	68953-58-2	3.00000	0.00164
			Distillates (Petroleum), Hydrotreated Light	64742-47-8	45.00000	0.03096
			Ethylene Glycol	107-21-1	10.00000	0.00688
K-219	Nalco-Champion	Microbial Control				
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	30.00000	0.01128
			Methanol	67-56-1	60.00000	0.01090
			Glutaraldehyde	111-30-8	10.00000	0.00308
BR-11	C&J Well Services	Gel Breakers				
			Ammonium Persulfate	7727-54-0	92.00000	0.01641
			Cured Resin	Proprietary	13.00000	0.00232
			Silica, Crystalline-Quartz	14808-60-7	1.00000	0.00018
HC-7.5	C&J Well Services	Bulk Acid				
			Hydrochloric Acid	7647-01-0	7.50000	0.01482
NI 200 FR	ECM	Friction Reduction				
			Water	7732-18-5	50.00000	0.00372
			Copolymer of Two Propenamide	69418-26-4	30.00000	0.00223
			Petroleum Distillate	64742-47-8	20.00000	0.00149
			Alcohols, C-12-16, Ethoxylated	68551-12-2	2.00000	0.00015
			Oleic Acid Diethanolamide	93-83-4	2.00000	0.00015
			Ammonium Chloride ((NH4)Cl)	12125-02-9	1.00000	0.00007
SV-1	C&J Well Services	Paraffin & Scale Additives				
			Alkanes, C10-24 branched and linear	848301-67-7	90.00000	0.00101
			Dodecane	112-40-3	40.00000	0.00045
			Tridecane	Proprietary	30.00000	0.00034
			Tetradecane	629-59-4	30.00000	0.00034
			Undecane	1120-21-4	30.00000	0.00034
			Hydrocarbons	Proprietary	25.00000	0.00028
EC6486A	Nalco-Champion	Scale Inhibitor				
			Ethylene Glycol	107-21-1	30.00000	0.00139
			Amine Triphosphate	Proprietary	30.00000	0.00134
K-139	Nalco-Champion	Microbial Control				
			Benzyl-(C12-C16 Alkyl)-Dimethyl-Ammonium Chloride	68424-85-1	30.00000	0.00165
			Glutaraldehyde	111-30-8	10.00000	0.00065
			Ethanol	64-17-5	5.00000	0.00023
CI-3	C&J Well Services	Acid Corrosion Inhibitors				
			Ethylene Glycol	107-21-1	40.00000	0.00072
			Dimethylformamide	68-12-2	20.00000	0.00036
			2-Butoxyethanol	111-76-2	15.00000	0.00027
			Cinnamaldehyde	104-55-2	15.00000	0.00027

			Tar bases, quinoline derivs, benzyl chloride-quaternized	72480-70-7	15.00000	0.00027
			Nonyphenol (branched), ethoxylated	127087-87-0	5.00000	0.00009
			1-DECANOL	112-30-1	5.00000	0.00009
			Isopropyl Alcohol	67-63-0	2.50000	0.00004
			1-OCTANOL	111-87-5	2.50000	0.00004
			Triethyl Phosphate	78-40-0	2.50000	0.00004
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 Ingredients	C&J Well Services	Other Ingredients				
			Water	7732-18-5	85.00000	0.56125
			Water	7732-18-5	92.50000	0.18275
			Anionic Polyacrylamide	Proprietary	100.00000	0.02270
			Water	7732-18-5	33.00000	0.02270
			Alcohol Ethoxylates component	Proprietary	100.00000	0.00344
			Alcohol Ethoxylates Component	Proprietary	100.00000	0.00344
			Proprietary	Proprietary	12.80000	0.00228
			Ethoxylated Alcohols (C10-C16)	68002-97-1	3.00000	0.00164
			Proprietary	Proprietary	1.00000	0.00018
			Proprietary	Proprietary	0.70000	0.00012
			Silica, Crystalline-Quartz	14808-60-7	0.05000	0.00002

* 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)

Received
Office of Oil & Gas
FEB 26 2016