



June 21, 2016

WV Department of Environmental Protection
Office of Oil and Gas Management
601 57th Street, SE
Charleston, WV 25304-2345

RE: WR-35 Forms for:
API #'s 47-061-01710, 47-061-01722, 47-061-01678,
47-061-01700, 47-061-01711
Clay District, Monongalia County, West Virginia

To Whom It May Concern:

Please find enclosed Northeast Natural Energy LLC's Well Operator's Report of Well Work Forms (WR-35) for the drilling portion of its' Campbell 1H well (API # 47-61-01710), Campbell 3H well (API #47-061-01722), Campbell 5H well (API #47-061-01678), Campbell 6H well (API #47-061-01700) and Campbell 7H well (API #47-061-01711).

Should you have any questions please feel free to contact me at 304-212-0422 or by email at hmedley@nne-llc.com.

Sincerely,

A handwritten signature in blue ink that reads 'Hollie M. Medley'.

Hollie M. Medley
Regulatory Coordinator

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Office of Oil and Gas

JUN 22 2016

WV Department of
Environmental Protection

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

RECEIVED
Office of Oil and Gas

JUN 22 2016

WV Department of
Environmental Protection

API 47 - 061 - 01722 County Monongalia District Clay
Quad Blacksville, WV Pad Name Campbell Field/Pool Name _____
Farm name Ellen F. Campbell Well Number 3H
Operator (as registered with the OOG) Northeast Natural Energy LLC
Address 707 Virginia Street 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 4394775.1 Easting 569973.9
Landing Point of Curve Northing 4394785.3 Easting 569985.5
Bottom Hole Northing 4396888.4 Easting 568664.5

Elevation (ft) 1,293.6' 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 - 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 8/26/2015 Date drilling commenced 8/28/2015 Date drilling ceased 2/7/2016
Date completion activities began N/A Date completion activities ceased N/A
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

Freshwater depth(s) ft 1,190' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 2,000' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 200' ; 940' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

API 47-061 - 01722 Farm name Ellen F. Campbell Well number 3H

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	1,267'	N	54.5	N/A	Y 12 bbl return
Coal							
Intermediate 1	12.25	9 5/8	2,434'	N	40	N/A	Y 13 bbl return
Intermediate 2							
Intermediate 3							
Production	8.5	5.5	16,399'	N	20	N/A	Estimated top 2000'
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	4,500 psi ready mix	36.4		.75	27.27	CTS	48
Surface	Class A	1,054	15.2	1.27	1,271	CTS	8
Coal							
Intermediate 1	Class A	889	15.2	1.26	1,074	CTS	8
Intermediate 2							
Intermediate 3							
Production	50/50 Premium NE-1.2% R-3.3% MPA 170	3,160	14.5	1.17	2,661	CTS	48
Tubing							

Drillers TD (ft) 16,418' Loggers TD (ft) 16,393'

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

Plug back procedure _____

Kick off depth (ft) 6,604'

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 3rd joint or approx 120'

Intermediate: bow spring centralizers every 3rd 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 forth joint or approx 140'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS This well has not yet been completed.

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

API 47-061 - 01722 Farm name Ellen F. Campbell Well number 3H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
					This well has not yet been completed.

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)

Please insert additional pages as applicable.

API 47-061-01722 Farm name Ellen F. Campbell Well number 3H

PRODUCING FORMATION(S)	DEPTHS	
This well has not yet been completed	8111.77'	16,418'
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump
 SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs
 OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd GAS MEASURED BY
 Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP 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)
	0		0		Please See Attachment

Please insert additional pages as applicable.

Drilling Contractor Nabors
 Address CO Rd 7 City Jane Lew State WV Zip 26378

Logging Company KLX Energy Services
 Address 6072 W. Veterans Memorial Highway City Bridgeport State WV Zip 26330

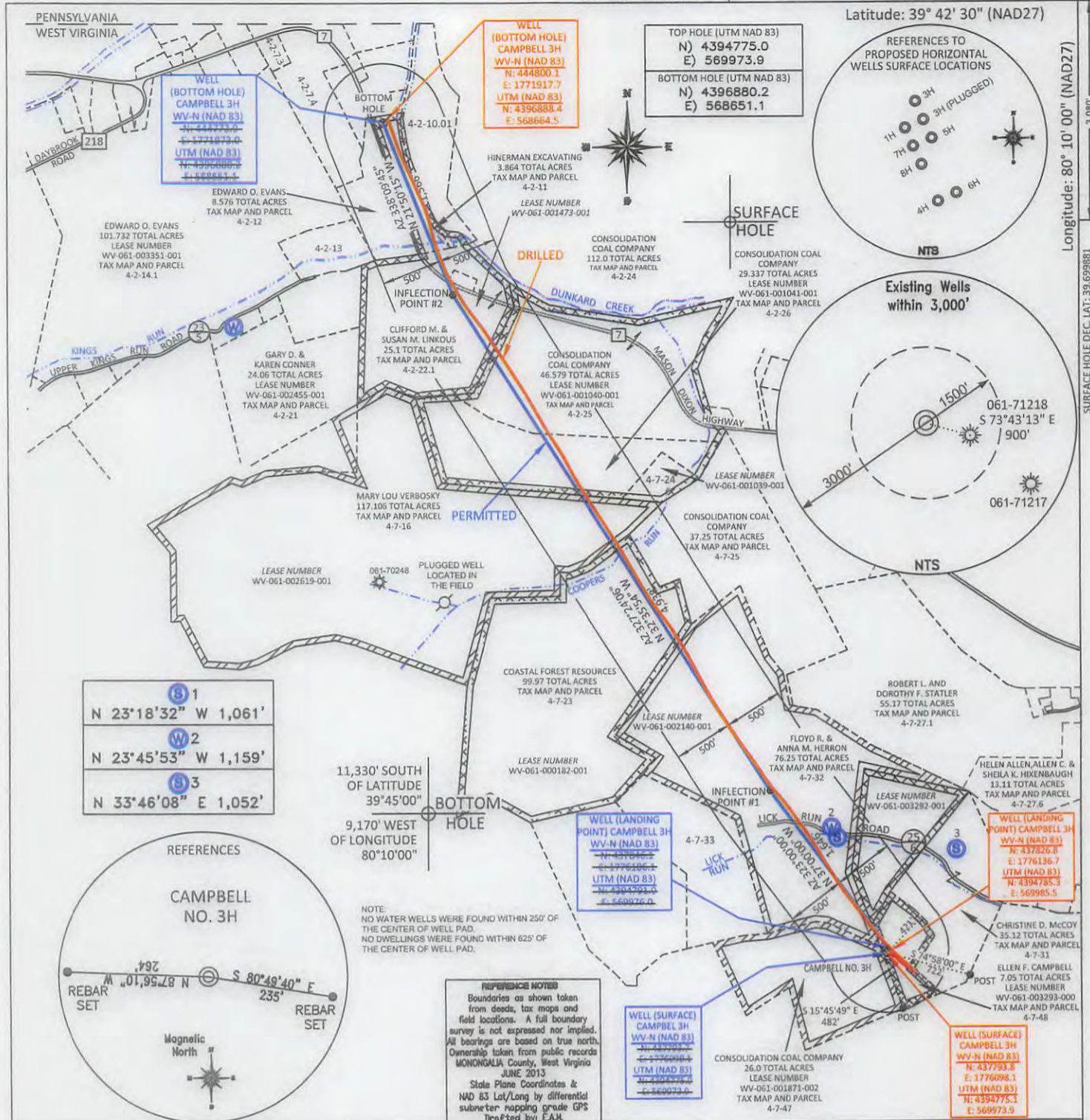
Cementing Company Schlumberger
 Address 1080 US 33 City Weston State WV Zip 26452

Stimulating Company _____
 Address _____ City _____ State _____ Zip _____

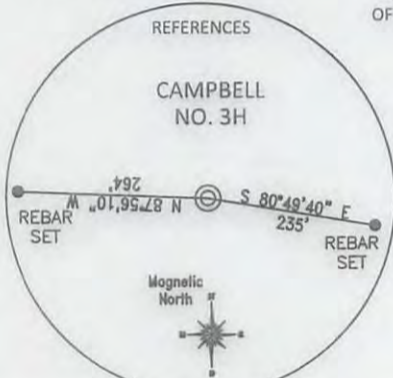
Please insert additional pages as applicable.

Completed by Zack Arnold Telephone 304-203-8059
 Signature [Signature] Title General Manager - Operations Date 10 JUN 16

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



S 1	N 23°18'32" W 1,061'
W 2	N 23°45'53" W 1,159'
B 3	N 33°46'08" E 1,052'



REFERENCE NOTED
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 JUNE 2013 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS drafted by EAM.

FILE #: NNE12
DRAWING #: 2323
SCALE: PLAT: 1" = 1200' TICK: 1" = 2000'
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



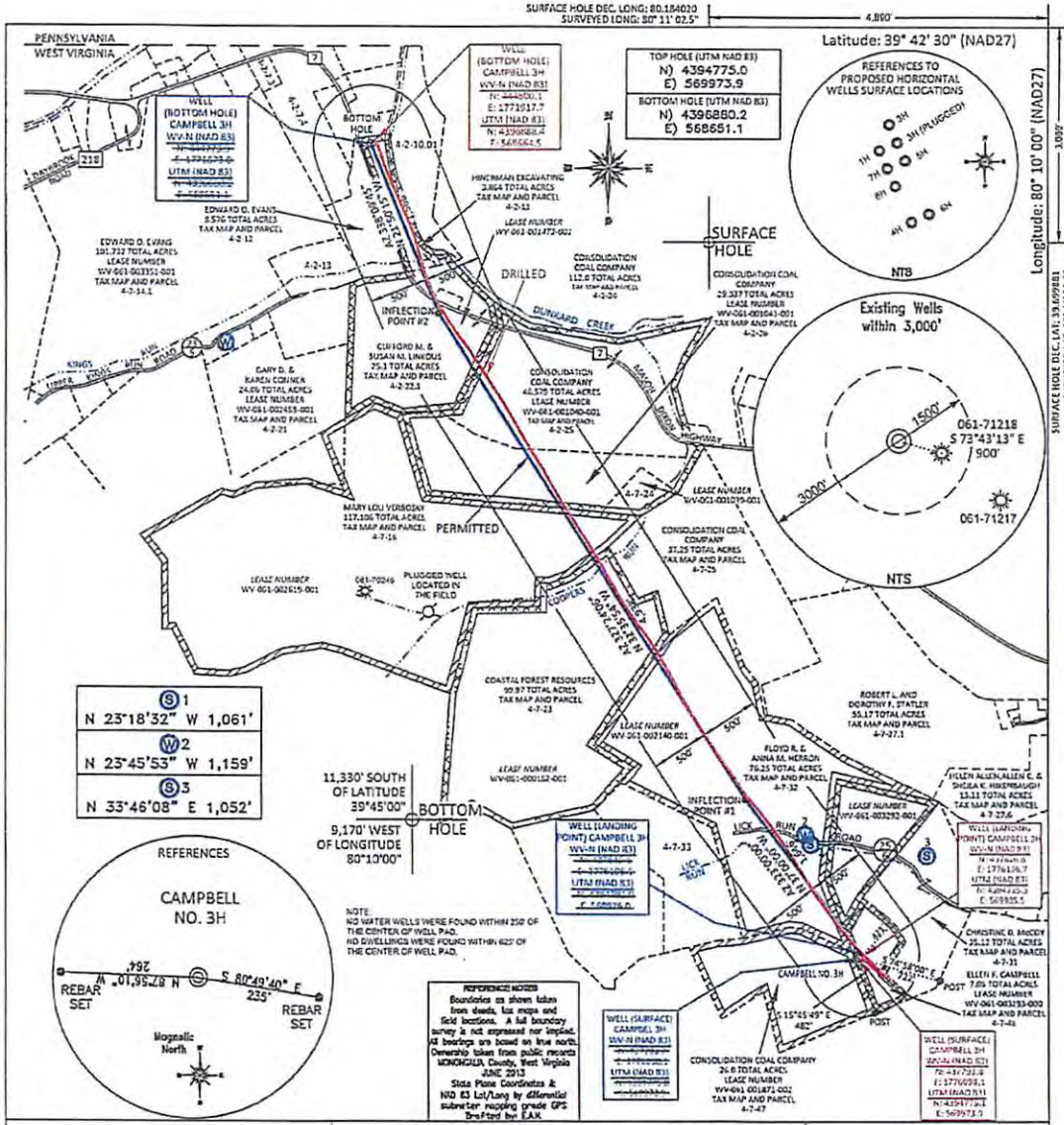
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

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

WATERSHED: DUNKARD CREEK ELEVATION: 1,293.6'
COUNTY/DISTRICT: MONONGALIA / CLAY QUADRANGLE: BLACKSVILLE
SURFACE OWNER: ELLEN F. CAMPBELL ACREAGE: 7.05 +/-
OIL & GAS ROYALTY OWNER: ELLEN FOLEY CAMPBELL, ET AL ACREAGE: 558.85 +/-
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: 8,111.77' TMD: 16,418'
WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT: JOHN ADAMS
ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301 CITY: CHARLESTON STATE: WV ZIP CODE: 25301



FILE #: NNE12
 DRAWING #: 2323
 SCALE: PLAT. 1" = 1200'
TOPG. 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: SUBMITTER 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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP

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 ELEVATION: 1,293.6'
 COUNTY/DISTRICT: MONONGALIA / CLAY QUADRANGLE: BLACKSVILLE
 SURFACE OWNER: ELLEN F. CAMPBELL ACREAGE: 7.05 +/-
 OIL & GAS ROYALTY OWNER: ELLEN FOLEY CAMPBELL, ET AL ACREAGE: 558.85 +/-
 LEASE NUMBERS: _____

DATE: APRIL 19, 2016
 OPERATOR'S WELL #: CAMPBELL NO. 3H AS-DRILLED
 API WELL #: 47 61 01677
 STATE COUNTY PERMIT

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: 8,118' TMD: 16,408.08'
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT: JOHN ADAMS
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

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, H2S, etc)
Shale/Sandstone	0	210			shale/sandstone
Coal	210	340			coal
Shale/Coal	340	700			shale/coal
Shale/Sandstone	700	940			shale/sandstone
Coal	940	945			coal
Sand/Shale	945	1195			sand/shale
Red Rock	1195	1235			red rock
Grey Shale	1235	1595			shale
Shale	1600	1700			shale
Sandstone	1700	2550			sandstone
Grey Shale	2550	4390			shale
Sand/Shale	4390	6550			sand/shale
Middlesex	7445	7652	7496	7704	shale
Burkett	7652	7829	7704	7888	shale
Geneseo	7829	7877	7888	7944	shale
Tully	7877	7929	7944	8008	limestone
Hamilton	7929	8044	8008	8178	shale
Marcellus	8044	8095	8178	8294	shale
Cherry Valley	8095	8099	8294	8305	limestone
Lower Marcellus	8099		8305		shale



Actual Wellpath Report

Campbell 3H AWP Proj: 16418'
Page 9 of 9



REFERENCE WELLPATH IDENTIFICATION

Operator	NORTHEAST NATURAL ENERGY, LLC	Slot	Slot 03
Area	Monongalia County, WV	Well	Campbell 3H
Field	Monongalia	Wellbore	Campbell 3H AWB
Facility	Campbell Pad		

WELLPATH COMPOSITION - Ref Wellbore: Campbell 3H AWB Ref Wellpath: Campbell 3H AWP Proj: 16418'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
32.00	6547.00	Generic gyro - northseeking (Standard)	01_Gyrodata MS Gyro <8-3/4"> (100'-6531')	Campbell 3H AWB
6547.00	16393.00	NaviTrak (AT Curve Short Spaced)	02_BHI AT Curve <8-1/2"> (6547')(6604'-16393')	Campbell 3H AWB
16393.00	16418.00	Blind Drilling (std)	Projection to bit	Campbell 3H AWB



Cementing Service Report

Customer Northeast Energy				Job Number DCHA-00102			
Well CAMPBELL 3H 4706101677		Location (legal) US Energy 9		Schlumberger Location Weston		Job Start Aug/30/2015	
Field UNDESIGNAT		Formation Name/Type Clean-Sandstone		Deviation 0 deg	Bit Size 17.5 in	Well MD 1291.0 ft	Well TVD 1291.0 ft
County Monongalia		State/Province West Virginia		BHP 1045 psi	BHST 74 degF	BHCT 73 degF	Pore Press. Gradient lb/gal
Well Master 631623900		API/UWI 4706101677					
Rig Name US Energy 9		Drilled For Gas	Service Via Land	Casing/Liner			
Offshore Zone		Well Class New	Well Type Development	Depth, ft 68.0	Size, in 24.0	Weight, lb/ft 125.5	Grade N/A
				1266.0	13.4	54.5	J55
Drilling Fluid Type		Max. Density 8.34 lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
Service Line Cementing		Job Type Surface		T/D	Depth, ft	Size, in	Weight, lb/ft
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press 500 psi	WH Connection Single Cement head	Perforations/Open Hole			
				Top, ft	Bottom, ft	shot/ft	No. of Shots
Service Instructions Provide equipment and materials to cement 13 3/8" Surface Casing from 1250 ft to surface with 30% excess.				ft	ft		Total Interval ft
				ft	ft		Diameter in
				ft	ft		
				Treat Down	Displacement 188.6 bbl	Packer Type	Packer Depth ft
				Tubing Vol. bbl	Casing Vol. 195.7 bbl	Annular Vol. 26.2 bbl	Openhole Vol. 148.2 bbl
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure 424 psi				Shoe Type Guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1266.0 ft		Tool Type	
No. Centralizers		Top Plugs 1	Bottom Plugs 0	Stage Tool Type		Tool Depth ft	
Cement Head Type Single				Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Aug/30/2015 11:30		Arrived on Location Aug/30/2015 10:30	Leave Location Aug/30/2015 15:00	Collar Type Float		Tail Pipe Depth ft	
				Collar Depth 1220.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	DENSITY LB/G	RATE B/M	PRESS PSI	VOLUME BBL	Message	
08/30/2015	12:42:25	8.30	0.0	-1	0.0	Started Acquisition	
08/30/2015	12:42:28	8.30	0.0	-0	0.0	Start Job	
08/30/2015	12:42:32	8.31	0.0	-0	0.0	Pressure Test Lines	
08/30/2015	12:45:45	8.28	0.0	2	5.4		
08/30/2015	12:47:26	8.27	0.0	1568	5.4		
08/30/2015	12:49:06	8.27	0.0	1997	5.4		
08/30/2015	12:50:46	8.27	0.0	2	5.4		
08/30/2015	12:51:20	8.13	0.0	3	5.4	Start Pumping Water	
08/30/2015	12:51:26	8.23	0.0	2	5.4	Reset Total, Vol = 5.36 bbl	
08/30/2015	12:52:26	8.42	1.8	12	8.3		
08/30/2015	12:54:06	8.38	4.8	5	15.1		
08/30/2015	12:55:46	8.28	8.2	202	18.1		
08/30/2015	12:57:26	8.30	6.7	125	28.2		
08/30/2015	12:59:06	8.30	6.7	124	39.4		
08/30/2015	13:00:46	8.30	6.7	123	50.6		
08/30/2015	13:02:26	8.30	6.7	122	61.8		
08/30/2015	13:04:06	8.30	6.7	120	73.0		
08/30/2015	13:05:46	8.30	6.7	125	84.2		
08/30/2015	13:07:26	8.30	6.7	120	95.4		
08/30/2015	13:09:06	8.30	6.7	114	106.6		
08/30/2015	13:10:46	8.30	6.7	114	117.8		

Well		Field		Job Start		Customer		Job Number	
CAMPBELL 3H 4706101677		UNDESIGNAT		Aug/30/2015		Northeast Energy		DCHA-00102	
Date	Time 24-hr clock	DENSITY LB/G	RATE B/M	PRESS PSI	VOLUME BBL	Message			
08/30/2015	13:14:06	8.30	6.7	123	140.2				
08/30/2015	13:15:46	8.30	6.7	115	151.4				
08/30/2015	13:17:26	8.28	6.7	114	162.5				
08/30/2015	13:17:51	8.28	6.7	113	165.3	Reset Total, Vol = 160.05 bbl			
08/30/2015	13:17:52	8.28	6.7	119	165.4	Fill casing to clear shoe			
08/30/2015	13:17:53	8.28	6.7	125	165.5	End Water			
08/30/2015	13:19:06	8.28	6.7	121	173.7				
08/30/2015	13:19:25	8.28	3.3	-7	175.7	Reset Total, Vol = 10.34 bbl			
08/30/2015	13:19:28	8.28	1.8	-17	175.9	End Water			
08/30/2015	13:19:31	8.28	0.3	-9	175.9	Start Pumping Spacer			
08/30/2015	13:20:46	8.28	0.0	-11	176.0				
08/30/2015	13:22:26	8.57	4.5	63	182.4				
08/30/2015	13:24:06	8.56	4.5	64	189.9				
08/30/2015	13:25:46	8.47	4.5	62	197.4				
08/30/2015	13:26:31	8.28	4.5	62	200.8	Reset Total, Vol = 25.07 bbl			
08/30/2015	13:26:33	8.30	4.5	57	200.9	End Spacer			
08/30/2015	13:26:34	8.31	4.5	59	201.0	Start Pumping Water			
08/30/2015	13:27:26	8.24	4.5	60	204.9				
08/30/2015	13:29:04	8.27	0.1	-9	211.9	End Water			
08/30/2015	13:29:06	8.28	0.0	-8	211.9	Reset Total, Vol = 11.05 bbl			
08/30/2015	13:30:46	8.28	0.0	-5	211.9				
08/30/2015	13:32:26	8.28	0.0	3	211.9				
08/30/2015	13:34:06	14.43	5.5	185	216.3				
08/30/2015	13:34:54	14.47	5.5	168	220.7	Start Cement Slurry			
08/30/2015	13:34:58	14.58	5.5	193	221.0	Start Mixing Tail Slurry			
08/30/2015	13:35:46	14.83	5.5	194	225.4				
08/30/2015	13:37:26	15.58	5.5	194	234.6				
08/30/2015	13:39:06	15.49	5.5	218	243.7				
08/30/2015	13:39:59	15.47	5.4	193	248.5	Tag 050817 ABT 29634			
08/30/2015	13:40:46	15.55	5.4	254	252.7				
08/30/2015	13:42:26	15.57	5.4	178	261.8				
08/30/2015	13:44:06	15.72	5.4	229	270.7				
08/30/2015	13:45:46	15.64	5.4	245	279.7				
08/30/2015	13:46:49	15.60	5.4	198	285.4	Tag 052 141 Silo 44859			
08/30/2015	13:47:11	15.60	5.4	187	287.4	Tag 050810 Silo 44859			
08/30/2015	13:47:26	15.59	5.4	216	288.7				
08/30/2015	13:49:06	15.57	5.4	168	297.7				
08/30/2015	13:50:46	15.56	5.4	176	306.7				
08/30/2015	13:52:26	15.53	5.4	161	315.7				
08/30/2015	13:54:06	15.53	5.4	162	324.6				
08/30/2015	13:55:46	15.57	5.4	174	333.6				
08/30/2015	13:57:26	15.58	5.4	183	342.6				
08/30/2015	13:59:06	15.55	5.4	226	351.5				
08/30/2015	14:00:46	15.52	5.4	206	360.5				
08/30/2015	14:02:26	15.51	5.4	187	369.5				
08/30/2015	14:04:06	15.55	5.4	196	378.5				
08/30/2015	14:05:46	15.57	5.4	237	387.5				
08/30/2015	14:07:26	15.55	5.4	206	396.4				
08/30/2015	14:09:06	15.55	5.4	185	405.4				
08/30/2015	14:10:46	15.54	5.4	234	414.4				
08/30/2015	14:12:26	15.66	5.4	205	423.4				
08/30/2015	14:13:36	15.32	5.4	219	429.7	End Tail Slurry			
08/30/2015	14:13:42	15.63	5.4	177	430.2	End Cement Slurry			
08/30/2015	14:14:06	15.63	5.4	249	432.4				

Well		Field		Job Start		Customer		Job Number	
CAMPBELL 3H 4706101677		UNDESIGNAT		Aug/30/2015		Northeast Energy		DCHA-00102	
Date	Time 24-hr clock	DENSITY LB/G	RATE B/M	PRESS PSI	VOLUME BBL	Message			
08/30/2015	14:16:41	15.95	0.0	21	441.8	Reset Total, Vol = 229.86 bbl			
08/30/2015	14:17:26	15.94	0.0	21	441.8				
08/30/2015	14:17:41	15.94	0.0	20	441.8	Start Pumping Water			
08/30/2015	14:19:06	9.07	4.4	82	444.8				
08/30/2015	14:20:46	8.66	6.6	118	454.2				
08/30/2015	14:22:26	8.41	6.6	114	465.3				
08/30/2015	14:24:06	8.28	6.6	108	476.4				
08/30/2015	14:25:46	8.12	5.5	76	486.9				
08/30/2015	14:27:26	8.08	5.4	73	496.0				
08/30/2015	14:29:06	8.19	5.4	82	505.1				
08/30/2015	14:30:46	8.19	5.4	90	514.1				
08/30/2015	14:32:26	8.26	5.4	118	523.1				
08/30/2015	14:34:06	8.29	5.4	159	532.1				
08/30/2015	14:35:46	8.28	5.4	208	541.1				
08/30/2015	14:37:26	8.28	5.4	235	550.0				
08/30/2015	14:39:06	8.28	5.3	274	558.9				
08/30/2015	14:40:46	8.28	5.4	310	567.8				
08/30/2015	14:42:26	8.28	5.3	394	576.7				
08/30/2015	14:44:06	8.28	5.3	447	585.6				
08/30/2015	14:45:46	8.28	5.3	463	594.5				
08/30/2015	14:47:26	8.28	5.3	498	603.4				
08/30/2015	14:49:06	8.28	5.3	503	612.3				
08/30/2015	14:50:46	8.28	5.3	534	621.1				
08/30/2015	14:52:13	8.28	5.3	563	628.8	Cement to surface			
08/30/2015	14:52:26	8.28	4.3	533	629.9				
08/30/2015	14:54:06	8.28	3.7	549	636.6				
08/30/2015	14:55:23	8.28	0.0	1082	640.7	Bump Top Plug			
08/30/2015	14:55:24	8.28	0.0	1083	640.7	End Displacement			
08/30/2015	14:55:25	8.28	0.0	1081	640.7	End Water			
08/30/2015	14:55:46	8.28	0.0	1079	640.7				
08/30/2015	14:57:26	8.28	0.0	1075	640.7				
08/30/2015	14:59:06	8.28	0.0	1071	640.7				
08/30/2015	15:00:46	8.28	0.0	-6	640.7				
08/30/2015	15:02:26	8.28	0.0	-5	640.7				
08/30/2015	15:04:06	8.28	0.0	-5	640.7				
08/30/2015	15:05:46	8.28	0.0	-8	640.7				
08/30/2015	15:07:26	8.28	0.0	-31	640.7				
08/30/2015	15:09:06	8.28	4.1	5	647.4				

Well CAMPBELL 3H 4706101677	Field UNDESIGNAT	Job Start Aug/30/2015	Customer Northeast Energy	Job Number DCHA-00102
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.4	N2	Mud	Maximum Rate 8.3	Total Slurry 646.5	Mud 0.0	Spacer 195.6	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2029	Final 3	Average 257	Bump Plug to 1000	Breakdown	Type DrillWater	Volume 160.0 bbl	Density 8.34 lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 191.1 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Washed Thru Perfs <input type="checkbox"/>	Volume 12.0 bbl	To ft	Job Completed <input checked="" type="checkbox"/>
Customer or Authorized Representative Jay Hewitt			Schlumberger Supervisor Mark Nicholas		Circulation Lost -	-		



Cementing Service Report

				Customer NORTHEAST NATURAL ENERGY LLC				Job Number DCHA-00105													
Well CAMPBELL 3H 3H				Location (legal) US Energy 9				Schlumberger Location Weston				Job Start Sep/02/2015									
Field UNDESIGNAT				Formation Name/Type Clean-Sandstone				Deviation 0 deg		Bit Size 12.3 in		Well MD 2461.0 ft		Well TVD 2461.0 ft							
County Monongalia				State/Province West Virginia				BHP psi		BHST 86 degF		BHCT 80 degF		Pore Press. Gradient lb/gal							
Well Master 631623900				API/UWI 4706101677																	
Rig Name US Energy 9		Drilled For Gas		Service Via Land		Casing/Liner															
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread							
						1250.0		13.4		54.5		J55		BUTT							
Offshore Zone		Well Class New		Well Type Exploration		2434.0		9.6		40.0		J55		8RD							
Drilling Fluid Type				Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe													
								T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
Service Line Cementing				Job Type Intermediate 9 5/8																	
Max. Allowed Tub. Press psi				Max. Allowed Ann. Press psi				WH Connection Single Cement head				Perforations/Open Hole									
												Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft	
Service Instructions Provide equipment and materials to cement 9 5/8" Surface Casing from 2400 ft to surface with 30% excess.												ft		ft						Diameter in	
												ft		ft							
								Treat Down				Displacement 181.2 bbl		Packer Type		Packer Depth ft					
								Tubing Vol. bbl				Casing Vol. 184.6 bbl		Annular Vol. 80.7 bbl		Openhole Vol. 66.0 bbl					
Casing/Tubing Secured <input checked="" type="checkbox"/>				1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>				Casing Tools				Squeeze Job									
Lift Pressure 1202 psi				Shoe Type Float				Squeeze Type													
Pipe Rotated <input type="checkbox"/>				Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 2434.0 ft				Tool Type									
No. Centralizers				Top Plugs 1		Bottom Plugs 0		Stage Tool Type				Tool Depth ft									
Cement Head Type Single				Stage Tool Depth ft				Tail Pipe Size in													
Job Scheduled For Sep/02/2015 18:20				Arrived on Location Sep/02/2015 23:30				Leave Location Sep/02/2015 23:30				Collar Type Float				Tail Pipe Depth ft					
												Collar Depth 2389.0 ft				Sqz. Total Vol. bbl					
Date		Time 24-hr clock		DENSITY LB/G		RATE B/M		PRESS PSI		VOLUME BBL		Message									
09/02/2015		20:12:53		8.30		0.0		-1		0.1		Started Acquisition									
09/02/2015		20:14:33		8.30		0.0		-1		0.0											
09/02/2015		20:16:13		8.30		0.0		-6		0.0											
09/02/2015		20:17:53		8.27		3.7		50		3.0											
09/02/2015		20:19:33		8.27		0.5		1234		5.3											
09/02/2015		20:20:25		8.27		0.0		685		5.3		Start Job									
09/02/2015		20:20:28		8.27		0.0		684		5.3		Pressure Test Lines									
09/02/2015		20:21:13		8.27		0.0		678		5.3											
09/02/2015		20:22:53		8.27		0.0		2544		5.3											
09/02/2015		20:24:33		8.27		0.0		1		5.3											
09/02/2015		20:24:48		8.27		0.0		2		5.3		Reset Total, Vol = 5.29 bbl									
09/02/2015		20:24:56		8.27		0.2		1		5.3		Fill hole with processed water									
09/02/2015		20:26:13		8.28		6.7		132		11.1											
09/02/2015		20:27:53		8.28		6.7		138		22.2											
09/02/2015		20:29:33		8.28		6.7		142		33.4											
09/02/2015		20:31:13		8.28		6.7		134		44.5											
09/02/2015		20:32:53		8.28		6.7		133		55.6											
09/02/2015		20:34:33		8.28		6.7		138		66.8											
09/02/2015		20:36:13		8.28		6.6		128		77.9											
09/02/2015		20:37:53		8.28		6.7		135		89.0											
09/02/2015		20:39:33		8.28		6.7		134		100.2											

Well		Field		Job Start		Customer		Job Number	
CAMPBELL 3H 3H		UNDESIGNAT		Sep/02/2015		NORTHEAST NATURAL ENERGY LLC		DCHA-00105	
Date	Time 24-hr clock	DENSITY LB/G	RATE B/M	PRESS PSI	VOLUME BBL	Message			
09/02/2015	20:42:53	8.28	6.7	135	122.5				
09/02/2015	20:44:33	8.28	6.7	129	133.6				
09/02/2015	20:46:13	8.28	6.7	145	144.8				
09/02/2015	20:47:37	8.28	6.7	134	154.2	Reset Total, Vol = 150.15 bbl			
09/02/2015	20:47:39	8.28	6.7	140	154.4	End processed water			
09/02/2015	20:47:40	8.28	6.7	131	154.5	Start Pumping Water			
09/02/2015	20:47:53	8.28	3.8	36	155.9				
09/02/2015	20:49:33	8.27	4.3	54	163.0				
09/02/2015	20:50:29	8.28	0.0	-11	166.3	End Water			
09/02/2015	20:50:31	8.27	0.0	-12	166.3	Reset Total, Vol = 12.03 bbl			
09/02/2015	20:50:35	8.27	0.0	-11	166.3	Start Pumping Spacer			
09/02/2015	20:51:13	8.27	0.0	-11	166.3				
09/02/2015	20:52:53	8.53	4.5	65	172.8				
09/02/2015	20:54:33	8.60	4.5	70	180.3				
09/02/2015	20:56:13	8.44	4.5	68	187.8				
09/02/2015	20:56:22	8.41	4.5	62	188.5	Reset Total, Vol = 24.97 bbl			
09/02/2015	20:56:23	8.41	4.5	65	188.5	End Spacer			
09/02/2015	20:56:26	8.41	4.5	62	188.8	Start Pumping Water			
09/02/2015	20:57:53	8.18	4.5	63	195.2				
09/02/2015	20:59:33	8.27	0.0	-7	201.9				
09/02/2015	21:00:24	8.27	0.0	-8	201.9	Reset Total, Vol = 13.32 bbl			
09/02/2015	21:00:30	8.27	0.0	-8	201.9	Start Cement Slurry			
09/02/2015	21:00:32	8.27	0.0	-8	201.9	Start Mixing Tail Slurry			
09/02/2015	21:02:53	8.27	0.0	-8	201.9				
09/02/2015	21:04:33	14.90	4.4	144	204.9				
09/02/2015	21:06:13	15.46	6.7	295	216.0				
09/02/2015	21:07:53	15.51	6.7	302	227.1				
09/02/2015	21:09:33	15.52	6.7	311	238.3				
09/02/2015	21:11:13	15.50	6.7	279	249.5				
09/02/2015	21:12:53	15.49	6.7	290	260.7				
09/02/2015	21:14:33	15.49	6.7	285	271.9				
09/02/2015	21:16:13	15.50	6.7	315	283.1				
09/02/2015	21:17:53	15.55	6.7	303	294.3				
09/02/2015	21:17:56	15.55	6.7	302	294.6	Graph spikes due to time sync issues with computer			
09/02/2015	21:19:33	15.58	6.7	334	305.4				
09/02/2015	21:21:13	15.52	3.5	88	313.0				
09/02/2015	21:22:53	15.53	4.7	164	319.7				
09/02/2015	21:24:33	15.53	4.8	171	327.7				
09/02/2015	21:26:13	15.56	4.8	172	335.6				
09/02/2015	21:27:53	15.58	4.8	301	343.5				
09/02/2015	21:29:33	15.62	6.7	312	354.6				
09/02/2015	21:31:13	15.66	6.7	333	365.8				
09/02/2015	21:32:53	15.66	4.0	122	374.1				
09/02/2015	21:34:33	15.77	3.8	114	380.6				
09/02/2015	21:35:27	15.77	0.0	3	382.1	End Tail Slurry			
09/02/2015	21:35:28	15.77	0.0	2	382.1	End Cement Slurry			
09/02/2015	21:35:29	15.77	0.0	3	382.1	Reset Total, Vol = 176.9 bbl			
09/02/2015	21:35:33	15.77	0.0	3	382.1	Drop Top Plug			
09/02/2015	21:36:13	15.90	0.0	4	382.1				
09/02/2015	21:37:53	9.75	3.1	158	382.3				
09/02/2015	21:39:33	8.75	6.6	134	392.6				
09/02/2015	21:41:13	8.46	6.7	135	403.7				
09/02/2015	21:42:53	8.31	6.6	131	414.8				
09/02/2015	21:44:33	8.24	6.6	123	425.7				

Well		Field		Job Start		Customer		Job Number	
CAMPBELL 3H 3H		UNDESIGNAT		Sep/02/2015		NORTHEAST NATURAL ENERGY LLC		DCHA-00105	
Date	Time 24-hr clock	DENSITY LB/G	RATE B/M	PRESS PSI	VOLUME BBL	Message			
09/02/2015	21:47:53	8.25	6.7	119	448.1				
09/02/2015	21:49:33	8.15	6.6	115	459.1				
09/02/2015	21:51:13	8.24	6.7	137	470.2				
09/02/2015	21:52:53	8.27	6.6	251	481.3				
09/02/2015	21:54:33	8.27	6.6	332	492.3				
09/02/2015	21:56:13	8.27	6.6	486	503.4				
09/02/2015	21:57:53	8.27	6.6	622	514.3				
09/02/2015	21:59:33	8.27	6.6	813	525.3				
09/02/2015	22:01:13	8.27	6.6	852	536.2				
09/02/2015	22:02:53	8.27	6.5	943	547.1				
09/02/2015	22:04:33	8.27	5.3	1021	557.1				
09/02/2015	22:06:13	8.27	3.1	986	565.0				
09/02/2015	22:07:53	8.28	2.1	1620	570.2				
09/02/2015	22:09:33	8.28	0.0	1613	570.3				
09/02/2015	22:10:02	8.28	0.0	1612	570.3	Bump Top Plug			
09/02/2015	22:10:38	8.28	0.0	1610	570.3	Reset Total, Vol = 187.70 bbl			
09/02/2015	22:11:13	8.28	0.0	1608	570.3				
09/02/2015	22:12:53	8.28	0.0	-2	570.3				
09/02/2015	22:14:33	8.28	0.0	-7	570.3				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.8			7.0	357.2	0.0	0.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
1620	90	560	1500			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume
%	176.0 bbl		187.7 bbl	87 degF	Washed Thru Perfs	<input type="checkbox"/>	13.0 bbl
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed
Jay Hewitt			Mark Nicholas		-	<input checked="" type="checkbox"/>	-



Cementing Service Report

Customer Northeast Natural Energy LLC				Job Number DSVO-01063			
Well Campbell 3H 3H		Location (legal)		Schlumberger Location		Job Start Feb/09/2016	
Field Undesignated		Formation Name/Type Shale		Deviation 90 deg	Bit Size 8.5 in	Well MD 16420.0 ft	Well TVD 8123.0 ft
County Monongalia		State/Province West Virginia		BHP 7221 psi	BHST 144 degF	BHCT 143 degF	Pore Press. Gradient lb/gal
Well Master 0631623900		API/UWI 4706101677					
Rig Name NaborsX08	Drilled For Gas	Service Via Land		Casing/Liner			
Offshore Zone	Well Class New	Well Type Development		Depth, ft	Size, in	Weight, lb/ft	Grade
				2434.0	9.6	40.0	
				16418.0	5.5	20.0	
Drilling Fluid Type Oil Mud		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing	Job Type 5 1/2" Production						
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection Double Cement head		Perforations/Open Hole			
				Top, ft	Bottom, ft	shot/ft	No. of Shots
							Total Interval
				ft	ft		ft
				ft	ft		Diameter
				ft	ft		In
Service Instructions 5 1/2" Production 100bbl Mudpush with B220 and D47 @ 13.5ppg 670bbl NNE Blend @ 14.5ppg (50:50 Poz/A 3160sk, 1.21cuft/sk, 5.193gps, D046 0.2%, B348 0.5%, D238 0.2%, D154 2.5%, D013 0.8%) Shut down / Wash lines / Drop plug 363bbl Displacement by the tanks Floats held, 5bbl back				Treat Down Casing	Displacement 363.0 bbl	Packer Type	Packer Depth ft
				Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. bbl	Openhole Vol. bbl
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>			Casing Tools		Squeeze Job	
Lift Pressure 16332 psi				Shoe Type Float		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 16418.0 ft		Tool Type	
No. Centralizers 120	Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth ft		
Cement Head Type Double				Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Feb/09/2016 07:00	Arrived on Location Feb/09/2016 14:00	Leave Location Feb/10/2016 01:00		Collar Type Float		Tail Pipe Depth ft	
				Collar Depth 16338.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_DENS LB/G	DOWNHOLE_CPF1_TTL_STAGE B/M	CMT_DISP_VCCPF1_TTL_VOLUME BBL	BBL	BBL
02/09/2016	18:04:23	7	8.38	0.0	0.0	0.0	0.0
02/09/2016	18:05:08	64	8.37	2.8	1.1	0.0	1.1
02/09/2016	18:05:53	86	8.38	2.8	3.4	0.0	3.4
02/09/2016	18:06:38	139	8.37	4.1	5.9	0.0	5.9
02/09/2016	18:07:23	19	8.38	1.6	8.9	0.0	8.9
02/09/2016	18:08:08	68	8.42	0.0	9.2	0.0	9.2
02/09/2016	18:08:53	13	8.42	0.0	9.2	0.0	9.2
02/09/2016	18:09:38	6	8.42	0.0	9.2	0.0	9.2
02/09/2016	18:10:23	65	8.38	2.7	0.3	0.0	0.3
02/09/2016	18:11:08	247	8.38	0.8	0.7	0.0	0.7
02/09/2016	18:11:28	292	8.37	0.4	0.8	0.0	0.8
02/09/2016	18:11:53	541	8.37	2.1	1.5	0.0	1.5
02/09/2016	18:12:38	663	8.37	4.0	3.7	0.0	3.7
02/09/2016	18:13:23	136	8.37	0.0	0.0	0.0	5.2
02/09/2016	18:14:08	228	8.37	0.0	0.0	0.0	5.2
02/09/2016	18:14:53	2014	8.37	0.0	0.0	0.0	5.2
02/09/2016	18:15:38	1974	8.37	0.0	0.0	0.0	5.2
02/09/2016	18:16:23	4724	8.37	0.0	0.0	0.0	5.2
02/09/2016	18:17:08	6231	8.38	0.0	0.0	0.0	5.2
02/09/2016	18:17:53	5507	8.37	0.0	0.0	0.0	5.2
02/09/2016	18:18:38	4270	8.37	0.0	0.0	0.0	5.2

Well		Field			Job Start		Customer	Job Number
Campbell 3H 3H		Undesignated			Feb/09/2016		Northeast Natural Energy LLC	DSVO-01063
Date	Time 24-hr clock	CPF1_PRESS PST	CPF1_DENS:CPF1_LB/G	CPF1_DOWNHOLE_CPF1_TTL_STAGE B/M	CMT_DISP_VCCPF1_TTL_VOLUME BBL	CPF1_TTL_VOLUME BBL	Message	
02/09/2016	18:20:08	10	8.37	0.0	0.0	0.0	5.2	
02/09/2016	18:20:53	7	8.37	0.0	0.0	0.0	5.2	
02/09/2016	18:21:38	6	8.37	0.0	0.0	0.0	5.2	
02/09/2016	18:22:23	5	8.37	0.0	0.0	0.0	5.2	
02/09/2016	18:23:08	5	8.37	0.0	0.0	0.0	5.2	
02/09/2016	18:23:53	12	8.38	0.2	0.1	0.0	5.3	
02/09/2016	18:24:38	78	8.37	1.6	0.9	0.0	6.1	
02/09/2016	18:25:23	76	8.37	1.6	2.0	0.0	7.3	
02/09/2016	18:26:08	76	8.37	1.6	3.2	0.0	8.4	
02/09/2016	18:26:53	75	8.37	1.6	4.4	0.0	9.6	
02/09/2016	18:27:38	75	8.37	1.6	5.6	0.0	10.8	
02/09/2016	18:28:23	76	8.37	1.6	6.7	0.0	11.9	
02/09/2016	18:29:08	73	8.37	1.6	7.9	0.0	13.1	
02/09/2016	18:29:53	7	8.37	0.0	8.8	0.0	14.0	
02/09/2016	18:30:00	5	8.37	0.0	8.8	0.0	14.0	Water temp 65F, Bulk temp 32F
02/09/2016	18:30:01	5	8.37	0.0	8.8	0.0	14.0	Slurry temp 69F
02/09/2016	18:30:38	7	8.37	0.0	8.8	0.0	14.0	
02/09/2016	18:31:23	62	8.37	2.3	8.9	0.0	14.2	
02/09/2016	18:32:08	532	8.37	2.1	0.8	0.0	15.2	
02/09/2016	18:32:53	717	8.37	4.0	3.1	0.0	17.5	
02/09/2016	18:33:38	189	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:34:23	2855	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:35:08	2833	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:35:53	4890	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:36:38	6978	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:37:17	6957	8.37	0.0	0.0	0.0	19.2	Pressure Test Lines
02/09/2016	18:37:21	6955	8.37	0.0	0.0	0.0	19.2	Reset Total, Vol = 28.35 bbl
02/09/2016	18:37:23	6954	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:38:08	6932	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:38:53	6918	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:39:38	6901	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:40:23	6885	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:41:08	11	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:41:53	200	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:42:38	201	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:43:23	201	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:44:08	202	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:44:53	200	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:45:38	205	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:46:23	206	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:47:08	208	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:47:53	208	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:48:38	205	8.37	0.0	0.0	0.0	19.2	
02/09/2016	18:49:00	800	14.05	4.1	0.3	0.0	19.4	Start Pumping Spacer
02/09/2016	18:49:23	814	14.14	4.5	1.9	0.0	21.1	
02/09/2016	18:50:08	785	13.91	4.5	5.3	0.0	24.4	
02/09/2016	18:50:53	761	13.90	4.5	8.6	0.0	27.8	
02/09/2016	18:51:38	745	13.73	4.5	12.0	0.0	31.1	
02/09/2016	18:52:23	728	13.73	4.5	15.4	0.0	34.5	
02/09/2016	18:53:08	747	13.60	4.5	18.7	0.0	37.8	
02/09/2016	18:53:53	736	13.42	4.5	22.1	0.0	41.2	
02/09/2016	18:54:38	729	13.41	4.5	25.4	0.0	44.5	
02/09/2016	18:55:23	712	13.46	4.5	28.8	0.0	47.9	
02/09/2016	18:56:08	705	13.45	4.5	32.1	0.0	51.3	

Well		Field				Job Start	Customer	Job Number
Campbell 3H 3H		Undesignated				Feb/09/2016	Northeast Natural Energy LLC	DSVO-01063
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_DENS CPF1 LB/G	DOWNHOLE_CPF1_B/M	TTL_STAGE BBL	CMT_DISP_VCCPF1 BBL	TTL_VOLUME BBL	Message
02/09/2016	18:57:38	589	13.09	3.3	37.6	0.0	56.8	
02/09/2016	18:58:23	492	13.35	3.3	40.1	0.0	59.2	
02/09/2016	18:59:08	550	13.62	3.3	42.5	0.0	61.7	
02/09/2016	18:59:53	540	13.66	3.3	45.0	0.0	64.1	
02/09/2016	19:00:38	479	13.64	3.3	47.4	0.0	66.6	
02/09/2016	19:01:23	455	13.59	3.3	49.9	0.0	69.0	
02/09/2016	19:02:08	496	13.54	3.3	52.3	0.0	71.5	
02/09/2016	19:02:53	439	13.49	3.3	54.8	0.0	73.9	
02/09/2016	19:03:38	659	13.48	4.5	57.9	0.0	77.1	
02/09/2016	19:04:23	650	13.51	4.5	61.3	0.0	80.4	
02/09/2016	19:05:08	647	13.52	4.5	64.7	0.0	83.8	
02/09/2016	19:05:53	635	13.49	4.5	68.0	0.0	87.2	
02/09/2016	19:06:38	627	13.51	4.5	71.4	0.0	90.5	
02/09/2016	19:07:23	620	13.52	4.5	74.8	0.0	93.9	
02/09/2016	19:08:08	615	13.51	4.5	78.1	0.0	97.3	
02/09/2016	19:08:53	610	13.52	4.5	81.5	0.0	100.6	
02/09/2016	19:09:38	600	13.53	4.5	84.9	0.0	104.0	
02/09/2016	19:10:23	596	13.53	4.5	88.3	0.0	107.4	
02/09/2016	19:11:08	453	13.83	3.3	90.8	0.0	109.9	
02/09/2016	19:11:53	414	13.78	3.3	93.3	0.0	112.4	
02/09/2016	19:12:38	54	13.76	0.0	94.6	0.0	113.7	
02/09/2016	19:12:42	52	13.77	0.0	94.6	0.0	113.7	End Spacer
02/09/2016	19:12:45	50	13.78	0.0	94.6	0.0	113.7	Reset Total, Vol = 94.58 bbl
02/09/2016	19:13:23	46	13.83	0.0	94.6	0.0	113.7	
02/09/2016	19:14:08	49	13.86	0.0	94.6	0.0	113.7	
02/09/2016	19:14:53	48	13.87	0.0	94.6	0.0	113.7	
02/09/2016	19:15:38	49	13.88	0.0	94.6	0.0	113.7	
02/09/2016	19:16:23	49	13.88	0.0	94.6	0.0	113.7	
02/09/2016	19:17:08	49	13.88	0.0	0.0	0.0	113.7	
02/09/2016	19:17:53	47	13.88	0.0	0.0	0.0	113.7	
02/09/2016	19:18:38	47	13.88	0.0	0.0	0.0	113.7	
02/09/2016	19:19:23	45	13.87	0.0	0.0	0.0	113.7	
02/09/2016	19:20:08	45	13.85	0.0	0.0	0.0	113.7	
02/09/2016	19:20:53	44	13.60	0.0	0.0	0.0	113.7	
02/09/2016	19:21:38	43	13.54	0.0	0.0	0.0	113.7	
02/09/2016	19:22:23	40	13.61	0.0	0.0	0.0	113.7	
02/09/2016	19:22:34	695	14.44	4.1	0.2	0.0	114.0	Start Cement Slurry
02/09/2016	19:22:37	752	14.48	4.4	0.4	0.0	114.2	Start Mixing Tail Slurry
02/09/2016	19:23:08	890	14.45	4.5	2.7	0.0	116.5	
02/09/2016	19:23:53	405	14.46	3.1	5.7	0.0	119.4	
02/09/2016	19:24:38	416	14.47	2.0	7.3	0.0	121.0	
02/09/2016	19:25:23	394	14.41	2.0	8.8	0.0	122.5	
02/09/2016	19:26:08	376	14.39	2.0	10.3	0.0	124.1	
02/09/2016	19:26:53	375	14.47	2.0	11.8	0.0	125.6	
02/09/2016	19:27:38	368	14.45	2.0	13.3	0.0	127.1	
02/09/2016	19:28:23	378	14.44	2.0	14.9	0.0	128.6	
02/09/2016	19:29:08	374	14.44	2.0	16.4	0.0	130.1	
02/09/2016	19:29:53	366	14.44	2.0	17.9	0.0	131.6	
02/09/2016	19:30:38	328	14.44	2.0	19.4	0.0	133.2	
02/09/2016	19:31:23	330	14.44	2.0	20.9	0.0	134.7	
02/09/2016	19:32:08	199	14.49	1.0	21.9	0.0	135.6	
02/09/2016	19:32:53	630	14.65	3.2	22.9	0.0	136.6	
02/09/2016	19:33:38	1441	14.61	6.3	26.2	0.0	140.0	
02/09/2016	19:34:23	1402	14.62	6.3	31.0	0.0	144.7	

Well		Field				Job Start	Customer	Job Number
Campbell 3H 3H		Undesignated				Feb/09/2016	Northeast Natural Energy LLC	DSVO-01063
Date	Time 24-hr clock	CPFI_PRESS PSI	CPFI_DENS LB/G	CPFI_DOWNHOLE B/M	CPFI_TTL_STAGE BBL	CHT_DISP_VCPFI BBL	CPFI_TTL_VOLUME BBL	Message
02/09/2016	19:35:53	1354	14.68	6.3	40.4	0.0	154.2	
02/09/2016	19:36:38	1348	14.70	6.3	45.2	0.0	158.9	
02/09/2016	19:37:23	1313	14.64	6.3	49.9	0.0	163.7	
02/09/2016	19:38:08	1296	14.62	6.3	54.7	0.0	168.4	
02/09/2016	19:38:53	1661	14.60	7.7	59.9	0.0	173.6	
02/09/2016	19:39:38	1624	14.60	7.7	65.6	0.0	179.4	
02/09/2016	19:40:23	1613	14.59	7.7	71.4	0.0	185.1	
02/09/2016	19:41:08	1568	14.53	7.7	77.2	0.0	190.9	
02/09/2016	19:41:53	1567	14.53	7.7	82.9	0.0	196.7	
02/09/2016	19:42:38	1518	14.57	7.7	88.7	0.0	202.5	
02/09/2016	19:43:23	1531	14.54	7.7	94.5	0.0	208.2	
02/09/2016	19:44:08	1501	14.54	7.7	100.2	0.0	214.0	
02/09/2016	19:44:53	1495	14.54	7.7	106.0	0.0	219.7	
02/09/2016	19:45:38	1509	14.56	7.7	111.8	0.0	225.5	
02/09/2016	19:46:23	1524	14.57	7.7	117.5	0.0	231.3	
02/09/2016	19:47:08	1515	14.57	7.7	123.3	0.0	237.0	
02/09/2016	19:47:53	1520	14.57	7.7	129.0	0.0	242.8	
02/09/2016	19:48:38	1526	14.61	7.7	134.8	0.0	248.5	
02/09/2016	19:49:23	1538	14.59	7.7	140.6	0.0	254.3	
02/09/2016	19:50:08	1524	14.58	7.7	146.3	0.0	260.1	
02/09/2016	19:50:53	1519	14.54	7.7	152.1	0.0	265.8	
02/09/2016	19:51:38	1490	14.54	7.7	157.9	0.0	271.6	
02/09/2016	19:52:23	1516	14.56	7.7	163.6	0.0	277.4	
02/09/2016	19:53:08	1505	14.56	7.7	169.4	0.0	283.1	
02/09/2016	19:53:53	1562	14.56	7.7	175.1	0.0	288.9	
02/09/2016	19:54:38	1581	14.56	7.7	180.9	0.0	294.6	
02/09/2016	19:55:23	1025	14.55	6.1	186.2	0.0	299.9	
02/09/2016	19:56:08	494	14.54	4.2	190.0	0.0	303.8	
02/09/2016	19:56:53	519	14.80	4.2	193.2	0.0	306.9	
02/09/2016	19:57:38	528	14.62	4.2	196.3	0.0	310.0	
02/09/2016	19:58:23	999	14.57	5.8	200.1	0.0	313.9	
02/09/2016	19:59:08	1517	14.51	7.5	204.9	0.0	318.7	
02/09/2016	19:59:53	1503	14.58	7.5	210.6	0.0	324.3	
02/09/2016	20:00:38	1529	14.53	7.5	216.2	0.0	329.9	
02/09/2016	20:01:23	1504	14.52	7.5	221.8	0.0	335.5	
02/09/2016	20:02:08	1542	14.53	7.5	227.4	0.0	341.1	
02/09/2016	20:02:53	1553	14.56	7.5	233.0	0.0	346.7	
02/09/2016	20:03:38	1582	14.57	7.5	238.6	0.0	352.3	
02/09/2016	20:04:23	1564	14.57	7.5	244.2	0.0	357.9	
02/09/2016	20:05:08	1571	14.53	7.5	249.8	0.0	363.5	
02/09/2016	20:05:53	1563	14.55	7.5	255.4	0.0	369.1	
02/09/2016	20:06:38	1593	14.56	7.5	261.0	0.0	374.7	
02/09/2016	20:07:23	1605	14.56	7.5	266.6	0.0	380.3	
02/09/2016	20:08:08	1621	14.56	7.5	272.2	0.0	385.9	
02/09/2016	20:08:53	1600	14.54	7.5	277.8	0.0	391.5	
02/09/2016	20:09:38	1613	14.55	7.5	283.4	0.0	397.1	
02/09/2016	20:10:23	1612	14.55	7.5	289.0	0.0	402.7	
02/09/2016	20:11:08	1631	14.56	7.5	294.6	0.0	408.3	
02/09/2016	20:11:53	1658	14.57	7.5	300.2	0.0	413.9	
02/09/2016	20:12:38	1620	14.58	7.5	305.8	0.0	419.5	
02/09/2016	20:13:23	1651	14.62	7.5	311.4	0.0	425.1	
02/09/2016	20:14:08	1674	14.64	7.5	317.0	0.0	430.7	
02/09/2016	20:14:53	1675	14.59	7.5	322.6	0.0	436.3	
02/09/2016	20:15:38	1689	14.57	7.5	328.2	0.0	441.9	

Well		Field				Job Start	Customer	Job Number
Campbell 3H 3H		Undesignated				Feb/09/2016	Northeast Natural Energy LLC	DSVO-01063
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_DENS LB/G	CPF1_DOWNHOLE B/M	CPF1_TTL_STAGE BBL	CMT_DISP_VCC BBL	CPF1_TTL_VOLUME BBL	Message
02/09/2016	20:17:08	1244	14.62	5.9	338.0	0.0	451.8	
02/09/2016	20:17:53	1205	14.62	5.9	342.5	0.0	456.2	
02/09/2016	20:18:38	1208	14.61	5.9	346.9	0.0	460.7	
02/09/2016	20:19:23	1256	14.55	5.9	351.4	0.0	465.1	
02/09/2016	20:20:08	1255	14.55	5.9	355.9	0.0	469.6	
02/09/2016	20:20:53	636	14.55	4.1	359.9	0.0	473.7	
02/09/2016	20:21:38	652	14.49	4.2	363.0	0.0	476.7	
02/09/2016	20:22:23	1185	14.58	4.5	366.1	0.0	479.8	
02/09/2016	20:23:08	1191	14.59	5.6	370.2	0.0	484.0	
02/09/2016	20:23:53	1852	14.59	7.4	374.7	0.0	488.4	
02/09/2016	20:24:38	1802	14.58	7.4	380.2	0.0	494.0	
02/09/2016	20:25:23	1795	14.56	7.5	385.8	0.0	499.6	
02/09/2016	20:26:08	1829	14.58	7.5	391.4	0.0	505.2	
02/09/2016	20:26:53	1837	14.57	7.5	397.0	0.0	510.8	
02/09/2016	20:27:38	1859	14.58	7.5	402.6	0.0	516.4	
02/09/2016	20:28:23	1862	14.57	7.5	408.2	0.0	521.9	
02/09/2016	20:29:08	1853	14.58	7.4	413.8	0.0	527.5	
02/09/2016	20:29:53	1846	14.62	7.5	419.4	0.0	533.1	
02/09/2016	20:30:38	1830	14.60	7.5	425.0	0.0	538.7	
02/09/2016	20:31:23	1833	14.56	7.5	430.6	0.0	544.3	
02/09/2016	20:32:08	1841	14.59	7.5	436.2	0.0	549.9	
02/09/2016	20:32:53	1869	14.56	7.5	441.8	0.0	555.5	
02/09/2016	20:33:38	1897	14.57	7.5	447.3	0.0	561.1	
02/09/2016	20:34:23	1882	14.57	7.5	452.9	0.0	566.7	
02/09/2016	20:35:08	1907	14.57	7.5	458.5	0.0	572.3	
02/09/2016	20:35:53	1898	14.58	7.4	464.1	0.0	577.9	
02/09/2016	20:36:38	1889	14.57	7.4	469.7	0.0	583.5	
02/09/2016	20:37:23	1898	14.56	7.4	475.3	0.0	589.0	
02/09/2016	20:38:08	1911	14.58	7.5	480.9	0.0	594.6	
02/09/2016	20:38:53	1908	14.59	7.5	486.5	0.0	600.2	
02/09/2016	20:39:38	1979	14.56	7.5	492.1	0.0	605.8	
02/09/2016	20:40:23	1981	14.55	7.5	497.7	0.0	611.4	
02/09/2016	20:41:08	1996	14.57	7.5	503.3	0.0	617.0	
02/09/2016	20:41:53	1999	14.61	7.5	508.8	0.0	622.6	
02/09/2016	20:42:38	964	14.48	4.0	512.9	0.0	626.7	
02/09/2016	20:43:00	964	14.21	4.0	514.1	0.0	627.8	Shut down.
02/09/2016	20:43:23	2	14.25	0.0	515.0	0.0	628.7	
02/09/2016	20:44:08	-4	14.33	0.0	515.0	0.0	628.7	
02/09/2016	20:44:53	-6	14.20	0.0	515.0	0.0	628.7	
02/09/2016	20:45:38	-6	14.20	0.0	515.0	0.0	628.7	
02/09/2016	20:46:23	-7	14.20	0.0	515.0	0.0	628.7	
02/09/2016	20:47:08	-6	14.20	0.0	515.0	0.0	628.7	
02/09/2016	20:47:53	-8	14.20	0.0	515.0	0.0	628.7	
02/09/2016	20:48:38	-9	14.20	0.0	515.0	0.0	628.7	
02/09/2016	20:49:23	-8	14.20	0.0	515.0	0.0	628.7	
02/09/2016	20:50:08	-9	14.21	0.0	515.0	0.0	628.7	
02/09/2016	20:50:53	-7	14.21	0.0	515.0	0.0	628.7	
02/09/2016	20:51:38	2	14.22	0.0	515.0	0.0	628.7	
02/09/2016	20:52:23	-8	14.22	0.0	515.0	0.0	628.7	
02/09/2016	20:53:08	-11	14.23	0.0	515.0	0.0	628.7	
02/09/2016	20:53:53	-10	14.23	0.0	515.0	0.0	628.7	
02/09/2016	20:54:38	-11	14.23	0.0	515.0	0.0	628.7	
02/09/2016	20:55:23	-7	14.18	0.0	515.0	0.0	628.7	
02/09/2016	20:56:08	-8	14.13	0.0	515.0	0.0	628.7	

Well		Field			Job Start		Customer		Job Number	
Campbell 3H 3H		Undesignated			Feb/09/2016		Northeast Natural Energy LLC		DSVO-01063	
Date	Time 24-hr clock	CPF1_PRESS PSI	CPF1_DENS CPF1 LB/G	DOWNHOLE_CPF1_B/M	TTL_STAGE BBL	CMT_DISP_VCCPF1_BBL	TTL_VOLUME BBL	Message		
02/09/2016	20:57:38	-11	14.20	0.0	515.0	0.0	628.7			
02/09/2016	20:58:23	-10	13.85	0.0	515.0	0.0	628.7			
02/09/2016	20:59:08	-5	14.03	0.0	515.0	0.0	628.7			
02/09/2016	20:59:53	-10	13.80	0.0	515.0	0.0	628.7			
02/09/2016	21:00:38	-8	13.95	0.0	515.0	0.0	628.7			
02/09/2016	21:01:23	-5	14.01	0.0	515.0	0.0	628.7			
02/09/2016	21:02:00	58	13.80	0.0	515.0	0.0	628.7	Pumped away light cement		
02/09/2016	21:02:08	247	12.90	1.6	515.0	0.0	628.8			
02/09/2016	21:02:53	281	11.58	5.1	518.3	0.0	632.1			
02/09/2016	21:03:38	421	12.27	4.5	521.9	0.0	635.7			
02/09/2016	21:04:23	384	11.49	4.5	525.4	0.0	639.2			
02/09/2016	21:05:00	417	12.27	4.5	528.2	0.0	642.0	Pumped 20bbl light cement to half round		
02/09/2016	21:05:06	434	12.27	4.5	528.8	0.0	642.6			
02/09/2016	21:05:53	-14	12.31	0.0	531.3	0.0	645.0			
02/09/2016	21:06:38	-10	12.28	0.0	531.3	0.0	645.0			
02/09/2016	21:07:23	-2	11.57	0.0	531.3	0.0	645.0			
02/09/2016	21:08:08	-2	11.47	0.0	531.3	0.0	645.0			
02/09/2016	21:08:53	1869	14.80	4.5	532.6	0.0	646.4			
02/09/2016	21:09:38	26	14.85	0.0	534.9	0.0	648.6			
02/09/2016	21:10:23	28	14.72	0.0	534.9	0.0	648.6			
02/09/2016	21:11:08	41	14.71	0.0	534.9	0.0	648.6			
02/09/2016	21:11:53	39	14.47	0.0	534.9	0.0	648.6			
02/09/2016	21:12:38	39	14.51	0.0	534.9	0.0	648.6			
02/09/2016	21:13:23	40	14.51	0.0	534.9	0.0	648.6			
02/09/2016	21:14:00	756	14.11	1.6	535.5	0.0	649.2	Resumed pumping		
02/09/2016	21:14:08	681	14.15	1.6	535.7	0.0	649.4			
02/09/2016	21:14:53	566	14.72	1.6	536.9	0.0	650.6			
02/09/2016	21:15:38	948	14.78	2.9	538.8	0.0	652.6			
02/09/2016	21:16:23	1403	14.62	4.5	541.9	0.0	655.6			
02/09/2016	21:17:08	1363	14.47	4.5	545.3	0.0	659.0			
02/09/2016	21:17:53	1963	14.64	6.3	549.1	0.0	662.9			
02/09/2016	21:18:38	2563	14.65	8.0	554.9	0.0	668.7			
02/09/2016	21:19:23	2546	14.62	8.0	561.0	0.0	674.7			
02/09/2016	21:20:08	2465	14.58	8.0	567.0	0.0	680.7			
02/09/2016	21:20:53	2502	14.56	8.0	573.0	0.0	686.8			
02/09/2016	21:21:38	2419	14.51	8.1	579.1	0.0	692.8			
02/09/2016	21:22:23	2435	14.46	8.0	585.1	0.0	698.9			
02/09/2016	21:23:08	2385	14.47	8.1	591.2	0.0	704.9			
02/09/2016	21:23:53	2414	14.50	8.0	597.2	0.0	710.9			
02/09/2016	21:24:38	2430	14.52	8.1	603.2	0.0	717.0			
02/09/2016	21:25:23	2458	14.53	8.0	609.3	0.0	723.0			
02/09/2016	21:26:08	2434	14.52	8.0	615.3	0.0	729.0			
02/09/2016	21:26:53	2483	14.53	8.1	621.3	0.0	735.1			
02/09/2016	21:27:38	2428	14.53	8.0	627.4	0.0	741.1			
02/09/2016	21:28:23	2426	14.52	8.1	633.4	0.0	747.2			
02/09/2016	21:29:08	2414	14.50	8.1	639.5	0.0	753.2			
02/09/2016	21:29:53	2442	14.47	8.1	645.5	0.0	759.3			
02/09/2016	21:30:38	2483	14.46	8.1	651.6	0.0	765.3			
02/09/2016	21:31:23	2461	14.45	8.1	657.6	0.0	771.4			
02/09/2016	21:32:08	2535	14.52	8.1	663.7	0.0	777.4			
02/09/2016	21:32:53	2562	14.50	8.1	669.7	0.0	783.5			
02/09/2016	21:33:38	2527	14.48	8.1	675.8	0.0	789.5			
02/09/2016	21:34:23	2596	14.51	8.1	681.8	0.0	795.6			
02/09/2016	21:35:08	2543	14.49	8.1	687.9	0.0	801.6			

Well		Field				Job Start		Customer	Job Number
Campbell 3H 3H		Undesignated				Feb/09/2016		Northeast Natural Energy LLC	DSVO-01063
Date	Time 24-hr clock	CPF1_PRES PST	CPF1_DENS CPF1 LB/G	DOWNHOLE_CPF1_B/M	TTL_STAGE BBL	CMT_DISP_VCCPF1 BBL	TTL_VOLUME BBL	Message	
02/09/2016	21:36:38	2409	14.00	8.2	700.0	0.0	813.7		
02/09/2016	21:37:17	217	14.09	0.2	704.7	0.0	818.5	End Tail Slurry	
02/09/2016	21:37:18	191	14.13	0.0	704.7	0.0	818.5	Reset Total, Vol = 704.74 bbl	
02/09/2016	21:37:20	148	14.16	0.0	704.7	0.0	818.5	End Cement Slurry	
02/09/2016	21:37:23	146	14.16	0.0	704.7	0.0	818.5		
02/09/2016	21:38:08	131	13.96	0.0	704.7	0.0	818.5		
02/09/2016	21:38:53	118	13.74	0.0	704.7	0.0	818.5		
02/09/2016	21:39:38	50	12.08	0.9	704.9	0.0	818.6		
02/09/2016	21:40:23	140	13.82	2.2	706.2	0.0	819.9		
02/09/2016	21:41:08	457	13.34	4.1	708.2	0.0	821.9		
02/09/2016	21:41:53	583	11.52	5.9	1.8	0.0	825.3		
02/09/2016	21:42:00	565	11.09	5.9	2.5	0.0	826.0	Drop Top Plug	
02/09/2016	21:42:38	301	8.64	4.7	4.7	0.0	828.2		
02/09/2016	21:43:23	373	8.36	5.7	8.6	0.0	832.2		
02/09/2016	21:44:05	-8	8.39	0.0	10.3	0.0	833.9	Reset Total, Vol = 15.39 bbl	
02/09/2016	21:44:08	-5	8.33	0.0	10.3	0.0	833.9		
02/09/2016	21:44:53	1350	8.36	4.2	0.7	0.0	834.5		
02/09/2016	21:45:00	1833	8.38	6.1	1.3	0.0	835.1	Start Displacement	
02/09/2016	21:45:38	1921	8.38	7.7	5.7	0.0	839.6		
02/09/2016	21:46:23	1702	8.38	5.7	9.9	0.0	843.7		
02/09/2016	21:47:08	2103	8.37	8.1	15.7	0.0	849.6		
02/09/2016	21:47:53	2155	8.37	8.0	21.8	0.0	855.6		
02/09/2016	21:48:38	2212	8.37	8.1	27.8	0.0	861.7		
02/09/2016	21:49:23	2312	8.37	8.1	33.8	0.0	867.7		
02/09/2016	21:50:08	2407	8.37	8.0	39.9	0.0	873.7		
02/09/2016	21:50:53	2514	8.37	8.0	45.9	0.0	879.8		
02/09/2016	21:51:38	2616	8.37	8.2	52.0	0.0	885.8		
02/09/2016	21:52:23	2699	8.37	8.0	58.0	0.0	891.9		
02/09/2016	21:53:08	2755	8.37	8.0	64.1	0.0	897.9		
02/09/2016	21:53:53	2821	8.37	8.0	70.1	0.0	903.9		
02/09/2016	21:54:38	2943	8.37	8.0	76.1	0.0	910.0		
02/09/2016	21:55:23	3000	8.37	8.0	82.1	0.0	916.0		
02/09/2016	21:56:08	3099	8.37	8.0	88.1	0.0	921.9		
02/09/2016	21:56:53	3200	8.37	8.0	94.1	0.0	927.9		
02/09/2016	21:57:38	3285	8.37	8.0	100.0	0.0	933.9		
02/09/2016	21:58:23	3350	8.37	7.9	106.0	0.0	939.8		
02/09/2016	21:59:08	3449	8.37	7.9	111.9	0.0	945.7		
02/09/2016	21:59:53	3489	8.37	7.8	117.7	0.0	951.6		
02/09/2016	22:00:38	3591	8.37	7.8	123.6	0.0	957.4		
02/09/2016	22:01:23	3675	8.37	7.7	129.4	0.0	963.2		
02/09/2016	22:02:08	3739	8.37	7.7	135.2	0.0	969.0		
02/09/2016	22:02:53	3839	8.37	7.6	140.9	0.0	974.8		
02/09/2016	22:03:38	3906	8.37	7.6	146.6	0.0	980.5		
02/09/2016	22:04:23	3947	8.37	7.5	152.3	0.0	986.1		
02/09/2016	22:05:08	4016	8.37	7.5	157.9	0.0	991.8		
02/09/2016	22:05:53	4070	8.37	7.3	163.4	0.0	997.3		
02/09/2016	22:06:38	4129	8.37	7.3	168.9	0.0	1002.8		
02/09/2016	22:07:23	4194	8.37	7.2	174.3	0.0	1008.2		
02/09/2016	22:08:08	4254	8.37	7.1	179.7	0.0	1013.6		
02/09/2016	22:08:53	4290	8.37	7.1	185.1	0.0	1019.0		
02/09/2016	22:09:38	4309	8.37	7.1	190.4	0.0	1024.3		
02/09/2016	22:10:23	4306	8.37	7.1	195.8	0.0	1029.7		
02/09/2016	22:11:08	4308	8.37	7.2	201.1	0.0	1035.0		
02/09/2016	22:11:53	4304	8.37	7.1	206.5	0.0	1040.3		

Well		Field				Job Start		Customer	Job Number
Campbell 3H 3H		Undesignated				Feb/09/2016		Northeast Natural Energy LLC	DSVO-01063
Date	Time 24-hr clock	CPF1_PRESS PST	CPF1_DENS CPF1_LB/G	CPF1_DOWNHOLE B/M	CPF1_TTL_STAGE BBL	CMT_DISP_VCCPF1 BBL	CPF1_TTL_VOLUME BBL	Message	
02/09/2016	22:13:23	4327	8.37	7.1	217.2	0.0	1051.1		
02/09/2016	22:14:08	4294	8.37	7.1	222.5	0.0	1056.4		
02/09/2016	22:14:53	4302	8.37	7.1	227.9	0.0	1061.8		
02/09/2016	22:15:38	4292	8.37	7.1	233.2	0.0	1067.1		
02/09/2016	22:16:23	4281	8.37	7.1	238.6	0.0	1072.4		
02/09/2016	22:17:08	4294	8.37	7.2	243.9	0.0	1077.8		
02/09/2016	22:17:53	4300	8.37	7.1	249.3	0.0	1083.2		
02/09/2016	22:18:38	4290	8.37	7.1	254.6	0.0	1088.5		
02/09/2016	22:19:23	4323	8.37	7.1	260.0	0.0	1093.8		
02/09/2016	22:20:08	4315	8.37	7.1	265.3	0.0	1099.2		
02/09/2016	22:20:53	4284	8.37	7.1	270.6	0.0	1104.5		
02/09/2016	22:21:38	4330	8.37	7.1	276.0	0.7	1109.9		
02/09/2016	22:22:23	4297	8.37	7.1	281.3	6.0	1115.2		
02/09/2016	22:23:08	4315	8.37	7.1	286.7	11.3	1120.6		
02/09/2016	22:23:53	4312	8.37	7.1	292.0	16.7	1125.9		
02/09/2016	22:24:38	4317	8.37	7.1	297.4	22.0	1131.3		
02/09/2016	22:25:23	4307	8.37	7.1	302.7	27.4	1136.6		
02/09/2016	22:26:08	4327	8.37	7.1	308.1	32.7	1141.9		
02/09/2016	22:26:53	4311	8.37	7.1	313.4	38.1	1147.3		
02/09/2016	22:27:38	4296	8.37	7.1	318.8	43.4	1152.7		
02/09/2016	22:28:23	4311	8.37	7.1	324.1	48.8	1158.0		
02/09/2016	22:29:08	4302	8.37	7.2	329.5	54.1	1163.3		
02/09/2016	22:29:53	4295	8.37	7.1	334.8	59.5	1168.7		
02/09/2016	22:30:38	4286	8.37	7.2	340.2	64.9	1174.1		
02/09/2016	22:31:23	4308	8.37	7.2	345.6	70.2	1179.4		
02/09/2016	22:32:08	4275	8.37	7.1	350.9	75.6	1184.8		
02/09/2016	22:32:53	4270	8.37	7.2	356.3	80.9	1190.2		
02/09/2016	22:33:38	3579	8.37	3.1	360.1	84.8	1194.0		
02/09/2016	22:34:23	3559	8.37	3.1	362.5	87.1	1196.3		
02/09/2016	22:35:08	3603	8.37	3.1	364.8	89.4	1198.7		
02/09/2016	22:35:53	3976	8.38	0.2	367.0	91.6	1200.9		
02/09/2016	22:36:38	3971	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:36:45	3973	8.37	0.0	367.0	91.6	1200.9	Bump Top Plug	
02/09/2016	22:37:23	4035	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:38:08	4007	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:38:53	4013	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:39:38	4033	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:40:23	4030	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:41:08	4049	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:41:53	4008	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:42:38	406	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:43:23	-26	8.37	0.0	367.0	91.6	1200.9		
02/09/2016	22:44:08	-26	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:44:53	-26	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:45:38	-26	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:45:45	-25	8.38	0.0	367.0	91.6	1200.9	End Displacement	
02/09/2016	22:45:57	-25	8.38	0.0	367.0	91.6	1200.9	363bbl Displacement by the tanks	
02/09/2016	22:46:23	10	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:47:08	-19	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:47:53	-19	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:48:38	-19	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:49:23	-19	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:50:08	-25	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:50:53	-24	8.38	0.0	367.0	91.6	1200.9		

Well		Field		Job Start		Customer		Job Number	
Campbell 3H 3H		Undesignated		Feb/09/2016		Northeast Natural Energy LLC		DSVO-01063	
Date	Time 24-hr clock	CPFL_PRESS PSI	CPFL_DENS CPFL LB/G	DOWNHOLE_CPFL_B/M	TTL_STAGE BBL	CHT_DISP_VOCPP1_BBL	TTL_VOLUME BBL	Message	
02/09/2016	22:52:23	-24	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:53:08	-25	8.38	0.0	367.0	91.6	1200.9		
02/09/2016	22:53:53	-24	8.32	0.0	0.1	91.6	1200.9		
02/09/2016	22:54:38	9	8.35	0.2	0.5	91.6	1201.4		
02/09/2016	22:55:23	87	8.37	2.2	1.8	91.6	1202.7		
02/09/2016	22:56:08	78	8.37	2.2	3.5	91.6	1204.3		
02/09/2016	22:56:53	-18	8.38	0.0	3.9	91.6	1204.7		
02/09/2016	22:57:38	126	8.57	3.0	5.4	91.6	1206.2		

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.9			9.0	390.3	0.0	0.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
7002	143	1772	3980		FreshWater	bbl	8.34 lb/gal
Avg. N2 Percent %	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
	670.0 bbl		91.6 bbl	65 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 Czemeski			Joshua Richards		-		-