

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

September 27, 2013

WELL WORK PERMIT Re-Work

This permit, API Well Number: 47-3300547, issued to DOMINION TRANSMISSION INC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: 11299

Farm Name: DAVISSON, ANN A. & WILLIAM!

API Well Number: 47-3300547 Permit Type: Re-Work

Date Issued: 09/27/2013

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 3. Well work activities shall not constitute a hazard to the safety of persons.

WW - 2B (Rev. 8/10) Check # 17794 # 1950, =

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

					33	06	488
Well Operat	or: Domi	nion Tran	nsmission, Inc.	307048	Harrison	Grant	Mount Clare 7.5'
				Operator ID	County	District	Quadrangle
Operator's V	Vell Numl	per: W-1	1299 33 -	0547	3) Elevation:	1,274'	
Well Type: (a) Oil	or Ga	as X				
(b) If Gas:	Produ	uction X / Un	derground Sto	rage		
			p/ S				
Proposed Ta	arget Forr	mation(s)	Balltown		Proposed Tar	get Depth: _	3,600'
Proposed To		1: 4,530	Feet a depths: 80', 420'	Formation at I	Proposed Total	al Depth: Ballt	own
Approximate							
Approximate	e coal sea	ım denth	s: 390', 625', 70	5'			
					<i>m</i>		
) Approxima	te void de	epths,(co	al, Karst, other):	None listed in c	offset well data o	r well record	
) Does land	contain c	oal seam	s tributary to ac	tive mine?	lone		
		1					
	A CONTRACTOR OF THE PARTY OF TH		nd fracturing meth			I sheets if nee	eded)
-work - squeeze	e cement b	ehind 4-1/2	2" pipe and frac Ba	Iltown with sand	and water.		
3)		CA	ASING AND TU	BING PROGR	AM		
TYPE S	SPECIFIC	ATIONS		FOOTAGE	INTERVALS	CEMEI	VT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu	. Ft.)
Conductor							Ci
resh Water	13"			Existing-see well record	Existing-see well record	CTS	31
Coal							01:
ntermediate	8.25"			Existing-see well record	Existing-see well record	CTS	2
Production	4.5"	J-55		4492'	4492'	125 sacks - Ha	alliburton
ubing					4	450	10
iners						Ocal Office of O	2070
Packers: Kind	d:	1	1			Silviton a	70/G 10/G
Size	_					"Men	Con
	oths Set						Totocho
						(09/27/2013
						•	



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STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION ... Spudder Cable Tools

XX

Storage

Oil or Gas Well Gas

Quadrangle WESTON

WELL RECORD Permit No. HAR-547

				(KIND)
Company Consolidated Gas Supply Corporation Address Clarksburg, West Virginia	Casing and Tubing	Used in Drilling	Left in Well	Packers
Farm Maude Davisson Acres 115	Size	8		
Location (waters)	16			Kind of Packer
Well No. 11299 Elev. 1275	13	342	342	
District Granti County Harrison	10			Size of
The surface of tract is owned in fee by	81/4	2054	2054	***************************************
Address	6%			Depth set
Mineral rights are owned by	5 3/16		•••••••••••••••••	***************************************
Address	41/2			***************************************
Drilling commenced 8-18-70	3			Perf. top. 4384
Drilling completed 8-27-70	2			Perf. bottom 4394
Date Shot Not Shot From To	Liners Used			Perf. top
With				Perf. bottom
Open Flow /10ths Water inInch	Attach copy of	cementing recor	d.8" with	900 bags - Lawson 320 bags-Halliburto .No. Ft
	CASING CEMI	ENTED	"Size with	No. FtDate
Volume 231,000 cubic feet(Natural) Cu. Ft.	Amount of ceme	ent used (bags).		25 bags-Halliburton
Rock Pressure 1460 the 14 hrs.	Name of Service	Co Hallik	ourton & L	noews

bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT 625 FEET 60 None WELL ACIDIZED (DETAILS) No 390 FEET 60 INCHES 705 FEET 36 INCHES FEET.....INCHES...

WELL FRACTURED (DETAILS) 9-08-70 with 500 gal. acid, 850 bbl. water, 45,000# sand and 2500 HHP

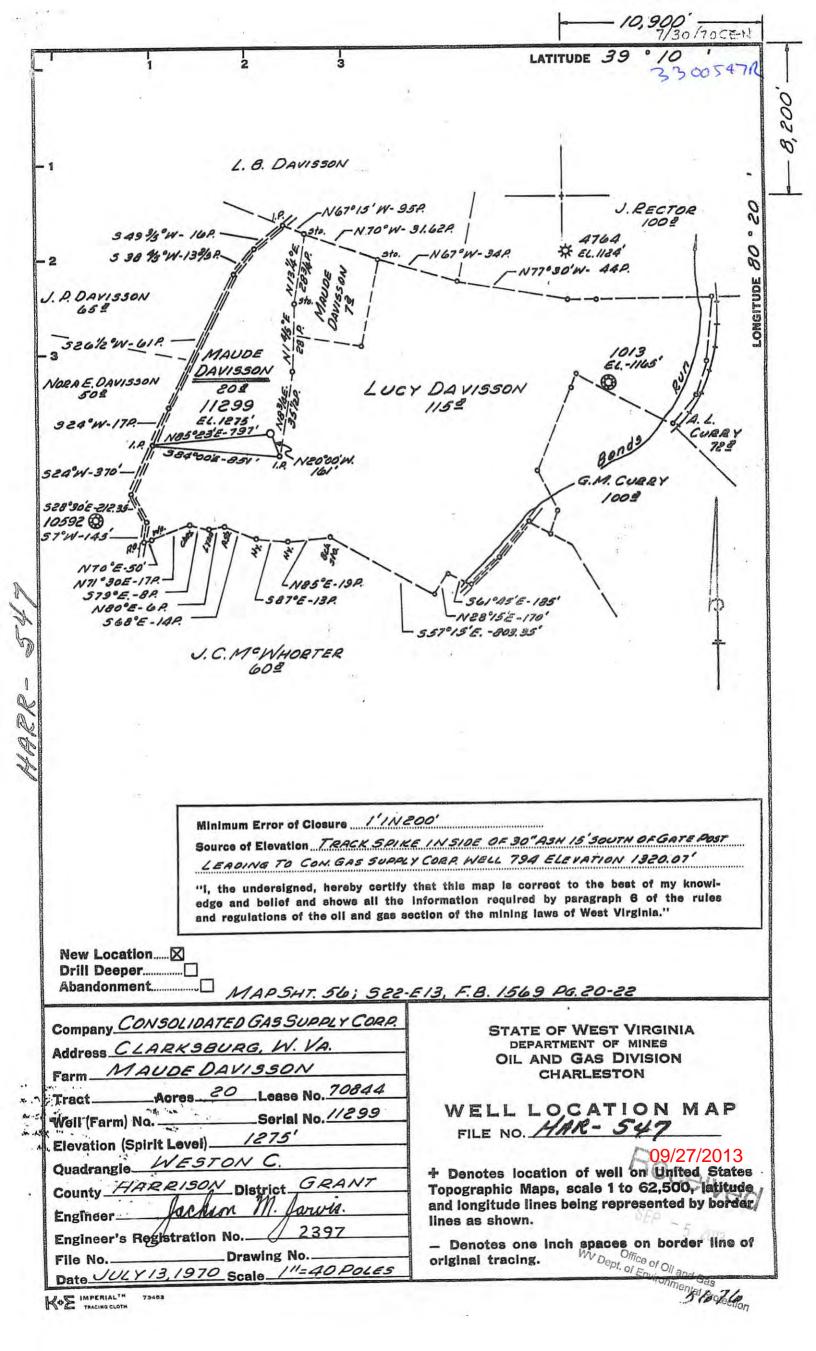
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,574,000 cubic feet

ROCK PRESSURE AFTER TREATMENT...... HOURS None

Fresh Water 80'; 420' Feet Salt Water None

** 7387-7307

Formation	Color	Hard or Soft	Тор	Bottom	Oll, Gas or Water	Depth	Remarks
and & shale			.0	390	water	801	Damp
cal			390	395	water	420'	Damp
and & shale			395	625			_
cal			625	630		ŀ	
and & shale			630 `	705			
oal			705	708			
hale			708	770			
st Salt			770	965		•	
and & shale			965	995			
nd Salt			995	1065		i	
hale			1065	1070			
rd salt			1070	1225			
and & shale			1225	1435			
ittle Lime			1435	1455			
ig Lime			1455	1545			
ig Injun			1545	1657	gas	1592-97'	
Sand & shale			1657	1870			ì
antz			1870	1935			
O' Sand			1935	2015		0000 001	
sand & shale			2015	2400	gas	2092-981	
th Sand			2400	2 41 5 4410			
and & shale			2415 4410	4410 4425		4338-94	
Benson		İ	4410	4425 4530	gas		/27/2012
otal Depth				4730			/27/2013
						1160	eived
	All meas	 wrements tak	n from KB 9	above GL	to.	SFP	27/2013 Ceived



WW-2A (Rev. 6-07)

1). Date:			_		
2.) Operator's Wel	Number	W-11299			
	State	County		Permit	,
3.) API Well No.:	47-	33	2	00547	W

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Ow	vner(s) to be served	/	5) (a) Coal Op	erator	
(a) Name	Ann A. & William S. Daviss	on 🗸	Name	N/A	
Address	RR 3 Box 735		Address		
	Lost Creek, WV 26385				
(b) Name			(b) Coal C	wner(s) with Declarat	tion
Address			Name	N/A	
			Address		
			_		
(c) Name			Name		
Address			Address		
71577507	-		7 77 79 57 52 5		
6) Inspector	Sam Ward		(c) Coal L	essee with Declaration	n
Address	P.O. Box 2327		Name		
	Buckhannon, WV	26201	Address		
Telephone	304-389-7583				
		PERSONS NA	MED ABOVE T	AKE NOTICE THAT:	
Included is t					right to extract oil and gas
OR					
× Included is t	he information require	d by Chapter 22	Article 6, Section	n 8(d) of the Code of W	/est Virginia (see page 2)
					ed copies of this notice and
application, a loc				ugh on the above n	named parties by:
	Personal Service				
			tal receipt attache	(b)	
	Publication (No				
		hapter 22-6 and	35 CSR 4, and	I agree to the terms a	and conditions of any permit
issued under this		to i to a second			
					ne information submitted on
	orm and all attachme ormation, I believe tha				immediately responsible for
					ng the possibility of fine and
imprisonment.	are that there are sign	mount pondition	Tor oublinking to	ioc information, moladii	ig the possibility of the and
	OFFICIAL SEAL	Well Operator	Dominion Transmissio	oq, Inc.	
STREET	NOTARY PUBLIC	By:	James D. Blasingame	mes Q'Blan	8/19/13
14 St	ate of West Virginia	Its:	Designated Agent and	Director of Storage	
Elli	ENDA M. JOHNSON	Address	445 West Main Street		0
Heart Carl	Main Street WV 26301		Clarksburg, WV 2630	1	
My Commission	1 Ps March 31, 2020	Telephone	304-669-4850		-
Subscribed and	sworn before me this	19 day of	Augus	+ 2	919000
430	rade m. C	tohuson		Notary Public	HOSMEDH
My Commission	Expires	march	31 70	20	Sitted 4
Oil and Gas Privacy	Notice		2		- 6 Als
The Office of Oil and	d Gas processes your nei	rsonal information	such as name, add	ress and phone number as	a nad of our regulatory duties.

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of pusings of a preceded to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Office and Deprivacy Office and Depriv

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Maude Davisson, et al	Hope Natural Gas Company	1/8	
Hope Natural Gas Company, et al	Consolidated Gas Supply Corp.	W.I.	Merger
	SEE BELOW		
On 4-1-65, Hope Natural Gas Company and	New York State Natural Gas Corporation merged	and formed Consolidated	Gas Supply Corporation.
Consolidated Gas Supply Corporation to	Consolidated Gas Transmission Corporation by	Agreement dated 3-1-84,	effective 1-1-84. See Misc
6296 recorded in B-1136 P-0250. By Corporate	name change effective 1-1-88, Consolidated Gas	Transmission Corporation	is now CNG Transmission
Corporation. As a result of a merger, CNG	Transmission Corporation became Dominion	Transmission Inc.,	effective 4-11-2000. Amended
Certificate of Authority with the State of WV	dated 5-10-2000, filed in Harrison County, Deed	Book 58, Page 362.	

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application he reby a cknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP. Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- · U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be ac quired from the appropriate aut hority before the affected activity is initiated.

Well Operator: By:Its: Dominion Transmission, Inc.

James D. Blasingame, Designated Agent and Director of Storage

8 19113

09/27/2013

WW-9 (5/13)

	Pa	ge	of
API Number 47 -		-	
Operator's	Well No.	W-11299	

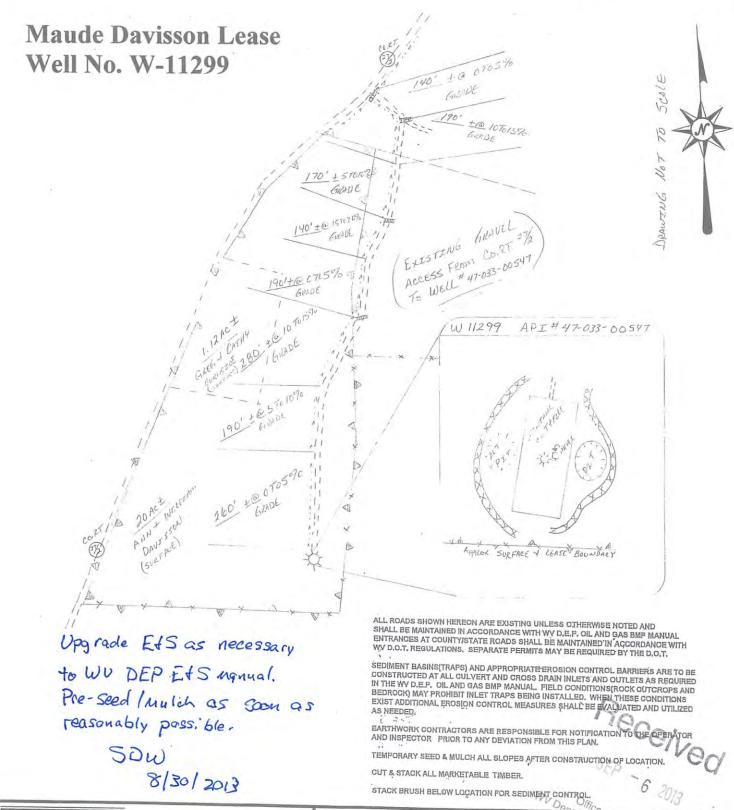
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Dominion Transmission, Inc. OP Code 307048
Watershed (HUC 10) Tributary of Lost Creek Quadrangle Mount Clare 7.5'
Elevation 1,274' County Harrison District Grant
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes NoX
Will a pit be used for drill cuttings? Yes X No No
If so, please describe anticipated pit waste: Rock cuttings/drilled solids, drilling and completion fluids
Will a synthetic liner be used in the pit? Yes X No If so, what ml.? 60
Proposed Disposal Method For Treated Pit Wastes:
Proposed Disposal Method For Treated Pit Wastes: Land Application Underground Injection (UIC Permit Number Reuse (at API Number Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain
Will closed loop system be used? Air drilling operations - no; Fluid drilling operations (if necessary) - yes
Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Air, foam/soap, fresh water, water based polymer mud
-If oil based, what type? Synthetic, petroleum, etc. N/A
Additives to be used in drilling medium? Drilling Mud - sodium/calcium/potassium chloride(s), starch, xanthan gum, sodium bicarbonate, caustic soda, biocide
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Primary plan - Leave in pit; Alternate plan - Landfill
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Cement or lime, depending on product availability
-Landfill or offsite name/permit number? If necessary to landfill, Meadowfill Landfill: R30-MSWLGP2011-03300128
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.
Company Official Signature V. Bourgan 8/19/13
Company Official (Typed Name) James D. Blasingame
Company Official Signature Company Official (Typed Name) James D. Blasingame Company Official Title Designated Agent and Director of Storage
Subscribed and sworn before me this 19th day of August . 20 18 W OFFICIAL SEAL NOTARY PUBLIC State of West Virginia Property of West Virginia Property of West Virginia Property of West Virginia Property of West West Main Street 445 West Main Street West Main Street 195 West West West West Main Street 195 West West West West West West West West

		LEGEND	
roperty Boundary	A	Diversion ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ	11
Road = = = = =	=====	Spring	
Existing Fence — 🗶 —		Wet Spot	
Planned Fence /	. / /	Drain Pipe with size in inches (z)	
Stream (1,7).	7	Materway C+ C+ C+ C+ C+	
Open Ditch ————————————————————————————————————			77
Rock 888888		Artificial Filter Strip X X X X X X X X X X X X X X X X X X X	XX
North N	*	Pit: cut walls	
Buildings		Pit: compacted fill walls	
Water wells		Area for Land Application of Pit Waste	
Drill site			
Lime3	Tons/acre or to co	Prevegetation pH Direct to pH 6.5 TON lbs/acre (500 lbs minimum) Tons/acre	
Lime 3 Fertilizer (10-20-2	Tons/acre or to co	TON_lbs/acre (500 lbs minimum)	
Lime 3 Fertilizer (10-20-2	Tons/acre or to co	TON _lbs/acre (500 lbs minimum) _Tons/acre	
Lime 3 Fertilizer (10-20-2) Mulch HAY	Tons/acre or to co 20 or equivalent)2 Area I	TONlbs/acre (500 lbs minimum) Tons/acre Seed Mixtures Area II	
Lime 3 Fertilizer (10-20-2) Mulch HAY Seed Type	Tons/acre or to co	TONlbs/acre (500 lbs minimum) Tons/acre Seed Mixtures Area II Seed Type Ibs/acre	
Lime3 Fertilizer (10-20-2 Mulch HAY Seed Type KY-31	Tons/acre or to co	TONlbs/acre (500 lbs minimum) Tons/acre Seed Mixtures Area II Seed Type lbs/acre ORCHARD GRASS 1-5	
Lime3 Fertilizer (10-20-2 Mulch HAY Seed Type KY-31 ALSIKE CLOVER	Tons/acre or to co 20 or equivalent) 1/3 2 Area I Ibs/acre 40	TONlbs/acre (500 lbs minimum) Tons/acre Seed Mixtures Area II Seed Type lbs/acre ORCHARD GRASS 1-5	
Lime3 Fertilizer (10-20-2 Mulch HAY Seed Type KY-31 ALSIKE CLOVER ANNUAL RYE Attach:	Tons/acre or to co	TONlbs/acre (500 lbs minimum) Tons/acre Seed Mixtures Area II Seed Type lbs/acre ORCHARD GRASS 1-5- ALSIKE CLOVER 5	
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Lime3 Fertilizer (10-20-2 Mulch HAY Seed Type KY-31 ALSIKE CLOVER ANNUAL RYE Attach: Drawing(s) of road, locati Photocopied section of inv	Tons/acre or to co	TONlbs/acre (500 lbs minimum) Tons/acre Seed Mixtures Area II Seed Type lbs/acre ORCHARD GRASS 1-5 ALSIKE CLOVER 5 for land application.	
Lime3 Fertilizer (10-20-2 Mulch HAY Seed Type KY-31 ALSIKE CLOVER ANNUAL RYE Attach: Drawing(s) of road, locati Photocopied section of inv	Tons/acre or to co	TONlbs/acre (500 lbs minimum) Tons/acre Seed Mixtures Area II Seed Type lbs/acre ORCHARD GRASS 15 ALSIKE CLOVER 5 for land application. heet.	

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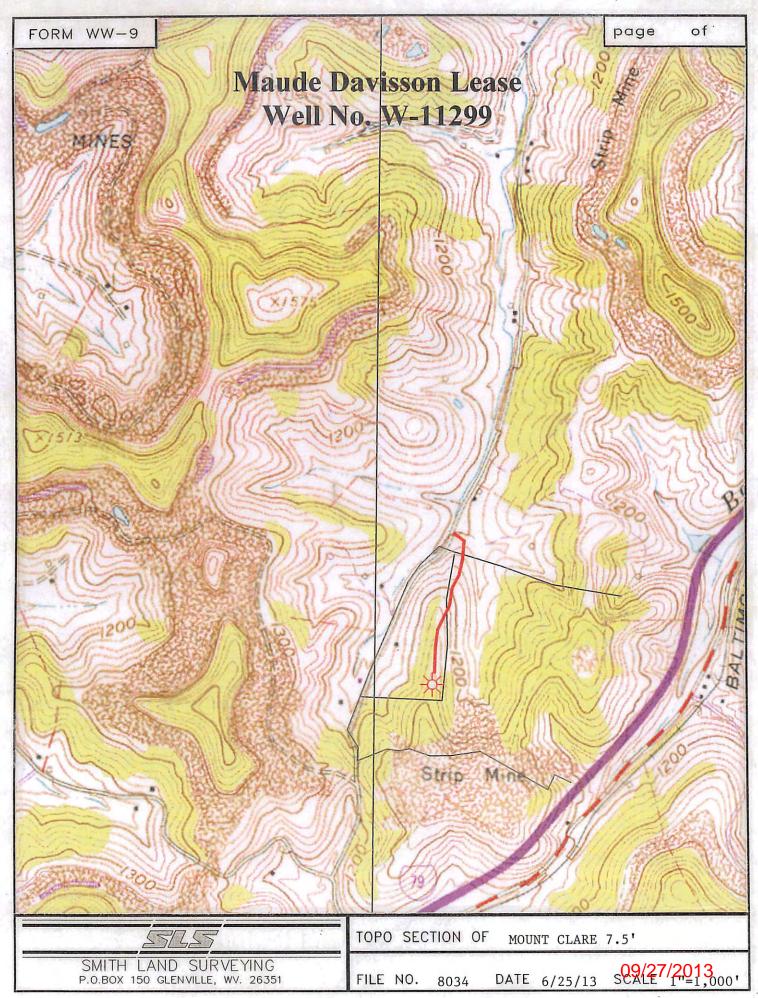


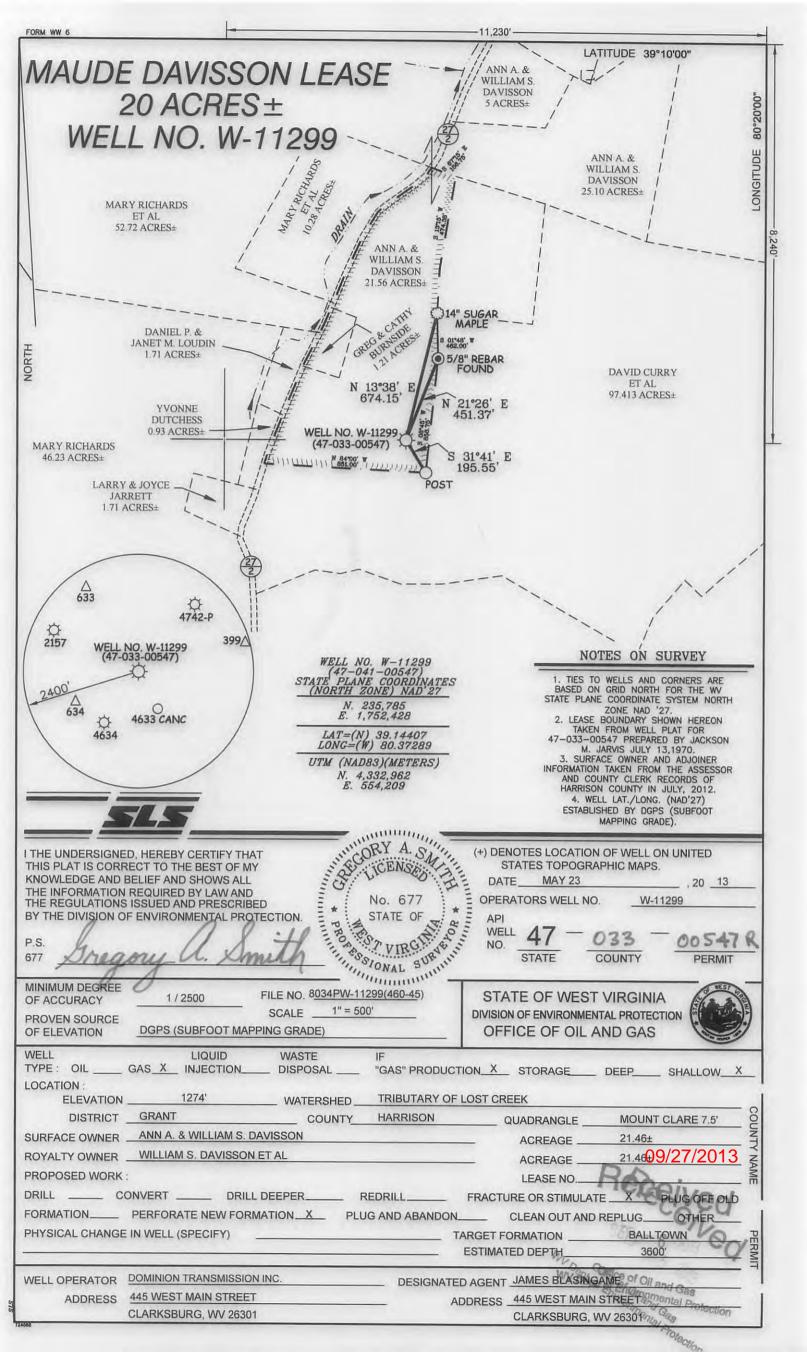
SMITH LAND SURVEYING, INC.

P.O.BOX 150 GLENVILLE, WV. 26351

Phone: (304) 462-5634 Fax: 462-5656 email: sls@slssyrveys.com

RAWN BY JAS DATE 5/21/13 FILE NO. 8034







3300547R LETTER OF TRANSMITTAL

P.O. BOX 150, GLENVILLE, WV 26351 (304) 462-5634 • FAX (304) 462-5656

ATTENTION Laura Cooper RE: DTI Well #W-11299, W-11410, W-11434
the following items:
☐ Samples ☐ Specifications DESCRIPTION on Lease Well # W-11299 Lease Well # W-11410 ith Lease Well # W-11434
☐ Samples ☐ Specifications DESCRIPTION on Lease Well # W-11299 Lease Well # W-11410 ith Lease Well # W-11434
☐ Samples ☐ Specifications DESCRIPTION on Lease Well # W-11299 Lease Well # W-11410 ith Lease Well # W-11434
☐ Samples ☐ Specifications DESCRIPTION on Lease Well # W-11299 Lease Well # W-11410 ith Lease Well # W-11434
☐ Samples ☐ Specifications DESCRIPTION on Lease Well # W-11299 Lease Well # W-11410 ith Lease Well # W-11434
☐ Samples ☐ Specifications DESCRIPTION on Lease Well # W-11299 Lease Well # W-11410 ith Lease Well # W-11434
DESCRIPTION on Lease Well # W-11299 Lease Well # W-11410 ith Lease Well # W-11434
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Resubmitcopies for approval
☐ Submitcopies for distribution
☐ Returncorrected prints
☐ PRINTS RETURNED AFTER LOAN TO US
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To love
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SIGNED: Deanna McVicker