



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

July 02, 2014

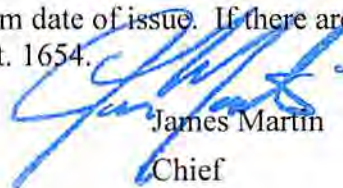
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5101382, issued to TRANS ENERGY, 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: LUCEY IH
Farm Name: LUCEY, JACK D.
API Well Number: 47-5101382
Permit Type: Plugging
Date Issued: 07/02/2014

WW-4B
Rev. 2/01

1) Date May 28, 2014
2) Operator's
Well No. Lucey 1H
3) API Well No. 47-001-0102

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1296' Watershed Burch Run of Grave Creek
District Cameron County Marshall Quadrangle Cameron 273

6) Well Operator Trans Energy, Inc. 7) Designated Agent Loren E. Bagley
Address P.O. Box 393 Address P.O. Box 393
St. Marys, WV 26170 St. Marys, WV 26170

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name James Nicholson Name Yost Drilling
Address P.O. Box 44 Address 313 Steel Hill Rd.
Moundsville, WV 26041 Mt. Morris, PA 15349

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached work order.

RECEIVED
Office of Oil and Gas
JUN 02 2014

WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

OK *QWm* 6/26/2014

Work order approved by inspector _____ Date _____

5/28/2014

Work Order: Plugging

Well Name: Lucey 1H, Permit #: 47-051-01382
Marshall Co., West Virginia

TVD: 6,733'

TMD: 11,268'

Coal Depth: 876'

Fresh Water: 60-150'

Top of Marcellus: 6,779'

Current Status; Pipe in the hole:

26" pipe:	80' in well, CTS
16" pipe:	1,000' in well, CTS
13-3/8" pipe:-	1,291' in well CTS
9-5/8" pipe:	2,992' in well CTS
5-1/2" pipe:	11,268' in well CTS

1. RU Service Rig, clean hole.
2. Run 2 3/8' upset tubing, check condition.
3. Fill the lateral section of pipe (5-1/2" casing) with fresh water.
4. Set a CIBP @ 6,775'
5. Fill with 700' cement plug above 6,775'
6. Set a 200' cement plug @ 2,890'
7. Set a 200' cement plug @ 1,190'
8. Set a 200' plug at 976'
9. Set a 200' plug at 776'
10. 6% Gel will be run between the plugs
11. Cement remaining hole to surface.
12. Install a monument as per WV DEP specifications with
Trans Energy, Inc.: API 47-051-01382

07/04/2014

WR-35
Rev (8-10)

DATE: 10/31/11
API#: 47-051-01382

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

Farm name: Lucey
LOCATION: Elevation: 1296'
District: Cameron

Operator Well No.: 1H
Quadrangle: Cameron
County: Marshall

Latitude: 9,150' Feet South of 39 Deg. 52 Min. 30 Sec.
Longitude: 14,150 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: TRANS ENERGY, INC.
Address: P. O. Box 393
St. Marys, WV 26170

Agent: Loren Bagley
Inspector: Bill Hendershot
Date Permit Issued: 10/9/2009
Date Well Work Commenced: 1/5/2011
Date Well Work Completed: 2/16/2011
Verbal Plugging: N/A
Date Permission Granted On: N/A
Drill Type: Rotary Cable Rig
Total Vertical Dept (ft.): 6,733
Total Measured Depth (ft.): 11,258
Is coal being mined in area (N/Y)? Y
Coal Depths (ft.): 876
Void(s) Encountered (N/Y)? N Depth:

Casing Tubing Diameter	Used in Drilling	Left in Well	Cement Fill
26"	80'	80	Surface
16"	1,000'	1,000	Surface
13 3/8"	1291'	1,291	Surface
9 5/8"	2992'	2,992	Surface
5 1/2"	11268'	11,268	Surface

RECEIVED
Office of Oil & Gas

MAR 1-8 2013

WV Department of
Environmental Protection

OPEN FLOW DATA

1ST PRODUCING FORMATION: MARCELLUS PAY ZONE DEPTH (FT.): 6,779

GAS:
INITIAL OPEN FLOW: 4,000 MCF/d
FINAL OPEN FLOW: MCF/d
TIME OF OPEN FLOW BETWEEN INITIAL AND FINAL TESTS:
Static Rock Pressure: 3,500 psig (surface pressure) after

OIL:
INITIAL OPEN FLOW: 25.60 Bbl/d
FINAL OPEN FLOW: Bbl/d
HOURS
HOURS

2ND PRODUCING FORMATION: PAY ZONE DEPTH (FT.):

GAS:
INITIAL OPEN FLOW: MCF/d
FINAL OPEN FLOW: MCF/d
TIME OF OPEN FLOW BETWEEN INITIAL AND FINAL TESTS:
Static Rock Pressure: psig (surface pressure) after

OIL:
INITIAL OPEN FLOW: Bbl/d
FINAL OPEN FLOW: Bbl/d
HOURS
HOURS

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments 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.

Company Name: TRANS ENERGY, INC

Signature: [Signature]

Name (Printed): William F. Woodburn

Date: 10/31/11

SUPPLEMENTAL DATA

51-01382

WELL NAME: LUCEY 1H

API#: 47-051-01382

Were core samples taken? Yes No X

Were cuttings caught during drilling? Yes X No

Were logs recorded on this well? Y/N Y

X Electrical
 _____ Mechanical
 _____ Geophysical

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
- 2.) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing or Stimulating:

TOTAL WATER: 132,918 BBL; TOTAL SAND: 5,985,530 LB	
10,921 X 11,222 - 40 holes; 10,843 x 10,844 - 41 holes; 10,788 x 10,789 - 41 holes; 10,719 x 10,720 - 41 holes;	
10,653 x 10,654 - 41 holes; 10,590 x 10,591 - 41 holes; 10,506 x 10,507 - 41 holes; 10,453 x 10,454 - 41 holes;	
10,375 x 10,376 - 41 holes; 10,336 x 10,337 - 41 holes; 10,270 x 10,271 - 41 holes; 10,171 x 10,172 - 41 holes;	
10,090 x 10,091 - 41 holes; 10,015 x 10,016 - 41 holes; 9,965 x 9,966 - 41 holes; 9,885 x 9,886 - 41 holes;	
9,780 x 9,781 - 38 holes; 9,730 x 9,731 - 38 holes; 9,730 x 9,731 - 38 holes; 9,588 x 9,589 - 38 holes;	
9,490 x 9,491 - 41 holes; 9,445 x 9,446 - 41 holes; 9,360 x 9,361 - 41 holes; 9,290 x 9,291 - 41 holes;	
9,252 x 9,253 - 41 holes; 9,163 x 9,164 - 41 holes; 9,065 x 9,066 - 41 holes; 9,013 x 9,014 - 41 holes;	
8,960 x 8,961 - 41 holes; 8,905 x 8,906 - 41 holes; 8,810 x 8,811 - 41 holes; 8,745 x 8,746 - 41 holes;	
8,675 x 8,676 - 41 holes; 8,600 x 8,601 - 41 holes; 8,558 x 8,559 - 41 holes; 8,464 x 8,465 - 41 holes;	
8,402 x 8,403 - 41 holes; 8,340 x 8,341 - 41 holes; 8,265 x 8,266 - 41 holes; 8,190 x 8,191 - 41 holes;	
8,110 x 8,111 - 41 holes; 8,020 x 8,021 - 41 holes; 7,955 x 7,956 - 41 holes; 7,870 x 7,871 - 41 holes;	
7,804 x 7,805 - 41 holes; 7,740 x 7,741 - 41 holes; 7,670 x 7,671 - 41 holes; 7,600 x 7,601 - 41 holes;	
7,510 x 7,511 - 41 holes; 7,455 x 7,456 - 41 holes; 7,388 x 7,389 - 37 holes; 7,310 x 7,311 - 37 holes;	
7,260 x 7,261 - 37 holes; 7,180 x 7,181 - 37 holes; 7,130 x 7,131 - 37 holes;	

RECEIVED
 Office of Oil & Gas
 MAR 18 2013
 WV Department of Environmental Protection

FORMATION ENCOUNTERED	TOP DEPTH (FT.)	BOTTOM DEPTH (FT.)	NOTES
Surface Casing		2995'	
Gordon	Not Logged	Not Logged	
Upper Devonian Shale	Not Logged	6542'	Depths from open hole pilot logs.
Middlesex	6532'	6605'	
Burket Shale	6605'	6652'	
Tully Limestone	6652'	6680'	
Upper Hamilton Group	6680'	6779'	
Marcellus Shale	6779'	6830'	
Onondaga Limestone	6830'	-	

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name:	Trans Energy, Inc.		
Company Address:	210 Second Street, P. O. Box 393, St. Marys, WV 26170		
API No:	47-051-01382	County:	Marshall
District:	Cameron	Well No:	Lucy 1H
Farm Name:			
Discharge Date/s From:	5/17/2011 *	To:	
Discharge Times. From:		To:	
Total Volume to be Disposed from this facility (gallons):			

Disposal Option(s) Utilized (write volumes in gallons):

- (1) Land Application:
- (2) UIC:
- (3) Offsite Disposal:
- (4) Reuse:
- (5) Centralized Facility:
- (6) Other Method:

	Permit No.:	4067
Buckeye 1773245/165	Site Location:	Claysville, OH
Devco Unit #1	Alternate Permit Number:	
	Permit No.:	
	(Include an explanation)	

Follow instructions below to determine your treatment category:

Optional Pretreatment Test: Cl-mg/l DO mg/l

1. Do you have permission to use expedited treatment from the Director or his representative?
(Y/N) If yes, who? _____ and place a four (4) on Line 7. If not, go to Line 2.
2. Was Frac Fluid or flowback put into the pit? (Y/N) _____ If yes, go to Line 5. If not go to Line 3.
3. Do you have a chloride value pretreatment (see above)? (Y/N) _____ If yes, go to Line 4. If not, go to Line 5.
4. Is the Chloride level less than 5,000 mg/l? (Y/N) _____ If yes, then enter a one(1) on Line 7. If yes, go to Line 6. If not, enter a three(3) in line 7.
5. Do you have a pretreatment value for DO? (see above)? (Y/N) _____ If yes, enter a two(2) on Line 7. If not, enter a three(3) on Line 7.
6. Is the DO level greater than 2.5 mg/l? (Y/N) _____ three(3) on Line 7.
7. _____ is the category of your pit. Use the appropriate section.

8. Comments on Pit Conditions: * All flowback water was flowed back into tanks and hauled to the above listed disposal well. No treatment of the flowback water was made onsite.

RECEIVED
Office of Oil & Gas
NOV 08 2011
WV Department of Environmental Protection

Name of Principal Exec. Officer: William F. Woodburn
Title of Officer: Chief Operating Officer
Date Completed: 11/3/2011

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments 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 and imprisonment.

Signature of a Principal Executive Officer or Authorized Agent

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
 Lucey 1H
3) API Well No.: 47 - 051 - 01382

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL


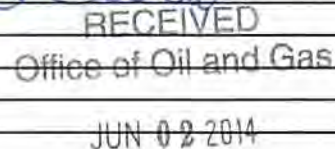
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Jack D. Lucey</u>	Name <u>Murray Energy Corp.</u>
Address <u>RD 1, Box 94A</u>	Address <u>46226 National Road W.</u>
<u>Glen Easton, WV 26039</u>	<u>St. Clairsville, OH 43950</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>James Nicholson</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 44</u>	Name _____
<u>Moundsville, WV 26041</u>	Address _____
Telephone <u>304-552-3874</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

	Well Operator	<u>Trans Energy, Inc.</u>	
	By:	<u>Leslie A. Gearhart</u>	
	ts:	<u>Vice President of Operations</u>	
	Address	<u>P.O. Box 393</u>	
	Telephone	<u>304-684-7053</u>	

Subscribed and sworn before me this 29 day of May 2014 WV Department of
Carina L. Card Notary Public Environmental Protection
My Commission Expires 8-15-21

Oil and Gas Privacy Notice

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 business or as needed 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 Officer at depprivacyofficer@wv.gov.

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

GLEN EASTON, WV 26039

OFFICIAL USE

Postage	\$	\$1.61
Certified Fee		\$3.30
Return Receipt Fee (Endorsement Required)		\$2.70
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$7.61



8462 5402 0000 020E ET02

Sent To
 Street, Apt.
 or PO Box
 City, State,

Jack D. Lucey
 RD 1 Box 94A
 Glen Easton, WV 26039

PS Form 3

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

ST. CLAIRSVILLE, OH 43950

OFFICIAL USE

Postage	\$	\$1.61
Certified Fee		\$3.30
Return Receipt Fee (Endorsement Required)		\$2.70
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$7.61



TE62 5402 0000 020E ET02

Sent To
 Street,
 or PO
 City, S

Murray Energy Corp.
 46226 National Rd W.
 St. Clairsville, OH 43950
 Attn: Alex O'Neil

PS Fo

4705101382P

RECEIVED
 Office of Oil and Gas
 JUN 02 2014
 WV Department of
 Environmental Protection

**Horizontal Natural Gas Well Plugging Permit
Application Notice by Publication**

Notice is hereby given:

Pursuant to West Virginia Code 22-6A prior to filing an application for a permit to plug a horizontal well the applicant shall publish in the county in which the well is located a Class II legal advertisement.

Paper: Moundsville Echo Newspaper

Public Notice Date: _____

The following applicant intends to apply for a horizontal natural gas well plugging permit for two (2) wells on an existing pad located in Marshall County.

Applicant: Trans Energy, Inc. **Well Number:** Lucey 1H, 2H

Address: P.O. Box 393, St. Marys, WV 26170

Business Conducted: Plug a horizontal natural gas well.

Location –

State: West Virginia County: Marshall
 District: Cameron Quadrangle: Cameron
 UTM Coordinate NAD83 Northing: 4411148.70 for Lucey 1H; 4411149.79 for Lucey 2H
 UTM coordinate NAD83 Easting: 532291.75 for Lucey 1H; 532287.33 for Lucey 2H
 Watershed: _____

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit <http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx> to sign up.

Reviewing Applications:

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.oog@wv.gov.

Submitting Comments:

Comments may be submitted online at <https://apps.dep.wv.gov/oog/comments/comments.cfm>, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

RECEIVED
 Office of Oil and Gas
 JUN 12 2014
 WV Department of
 Environmental Protection

07/04/2014



(304) 845-2660
P.O. BOX 369
MOUNDSVILLE
WEST VIRGINIA
26041

AFFIDAVIT OF PUBLICATION

STATE OF WEST VIRGINIA,
COUNTY OF MARSHALL, to wit

I, Melanie S. Murdock being first duly sworn upon my
oath, do depose and say:

- that I am Legal Advertising Manager of the MOUNDSVILLE DAILY ECHO, a Republican newspaper;
- that I have been duly authorized to execute this affidavit;
- that such newspaper has been published for over 119 years, is regularly published afternoons daily except Saturdays and Sundays, for at least fifty weeks during the calendar year, in the municipality of Moundsville, Marshall County, West Virginia.
- that such newspaper is a newspaper of "general circulation" as defined in Art. 3, Chap. 59 of the Code of West Virginia 1931 as amended, within Moundsville and Marshall County;
- that such newspaper averages in length four or more pages, exclusive of any cover, per issue;
- that such newspaper is circulated to the general public at a definite price or consideration;
- that such newspaper is a newspaper to which the general public resorts for passing events of a political, religious, commercial and social nature and for current happenings, announcements, miscellaneous reading matters, advertisements and other notices;
- and that the annexed notice described as follows:

Legal Advertisement

PARTY(ies)

Gas Well Plugging Permit / Lucey 1H, 2H

NATURE (and agency if heard before one)

CERTIF-BILL TO

Trans Energy, Inc.
Debra Martin
P.O. Box 393
St. Mary's, WV 26170

WAS PUBLISHED IN-SAID NEWSPAPER AS FOLLOWS

Times	Dates
2	May 20, 27, 2014

BY WORDS	PUBLICATION CHARGES
482	\$96.98

(signed) Melanie S. Murdock

NOTARIZATION

Taken, sworn and subscribed before me this 28th
day of May 2014

Amy McElmurry
Notary Public

RECEIVED
Office of Oil & Gas

JUN 02 2014

WV Department of Environmental Protection

07/04/2014

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Trans Energy, Inc. OP Code 494481575

Watershed Burch Run of Grave Creek Quadrangle Cameron

Elevation 1296' County Marshall District Cameron

Description of anticipated Pit Waste: No pits

Will a synthetic liner be used in the pit? N/A

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 _____)

Proposed Work For Which Pit Will Be Used:

- Drilling Swabbing
- Workover Plugging
- Other (Explain No pits will be used)

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 *Leslie A. Gearhart*

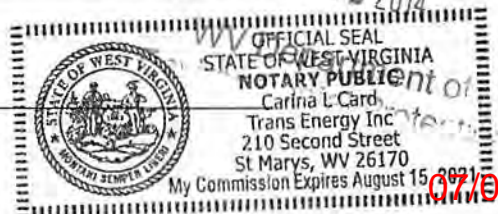
Company Official (Typed Name) Leslie A. Gearhart

Company Official Title Vice President of Operations

Subscribed and sworn before me this 29 day of May, 2014

Carina L. Card
Notary Public JUN 02 2014

My commission expires 8-15-21



07/04/2014

LEGEND

- Property Boundary
- Road
- Existing Fence
- Planned Fence
- Stream
- Open Ditch
- Rock
- North
- Buildings
- Water wells
- Drill site

- Diversion
- Spring
- Wet Spot
- Drain Pipe with size in inches
- Waterway
- Cross Drain
- Artificial Filter Strip
- Pit: cut walls
- Pit: compacted fill walls
- Area for Land Application of Pit Waste

Proposed Revegetation Treatment: Acres Disturbed +/- 4 ACRES ✓ Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 600 lbs/acre (500 lbs minimum)

Mulch 90 BALES Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
MEADOW MIX		100	MEADOW MIX		100
OATS OR RYE		50	OATS OR RYE		50

Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

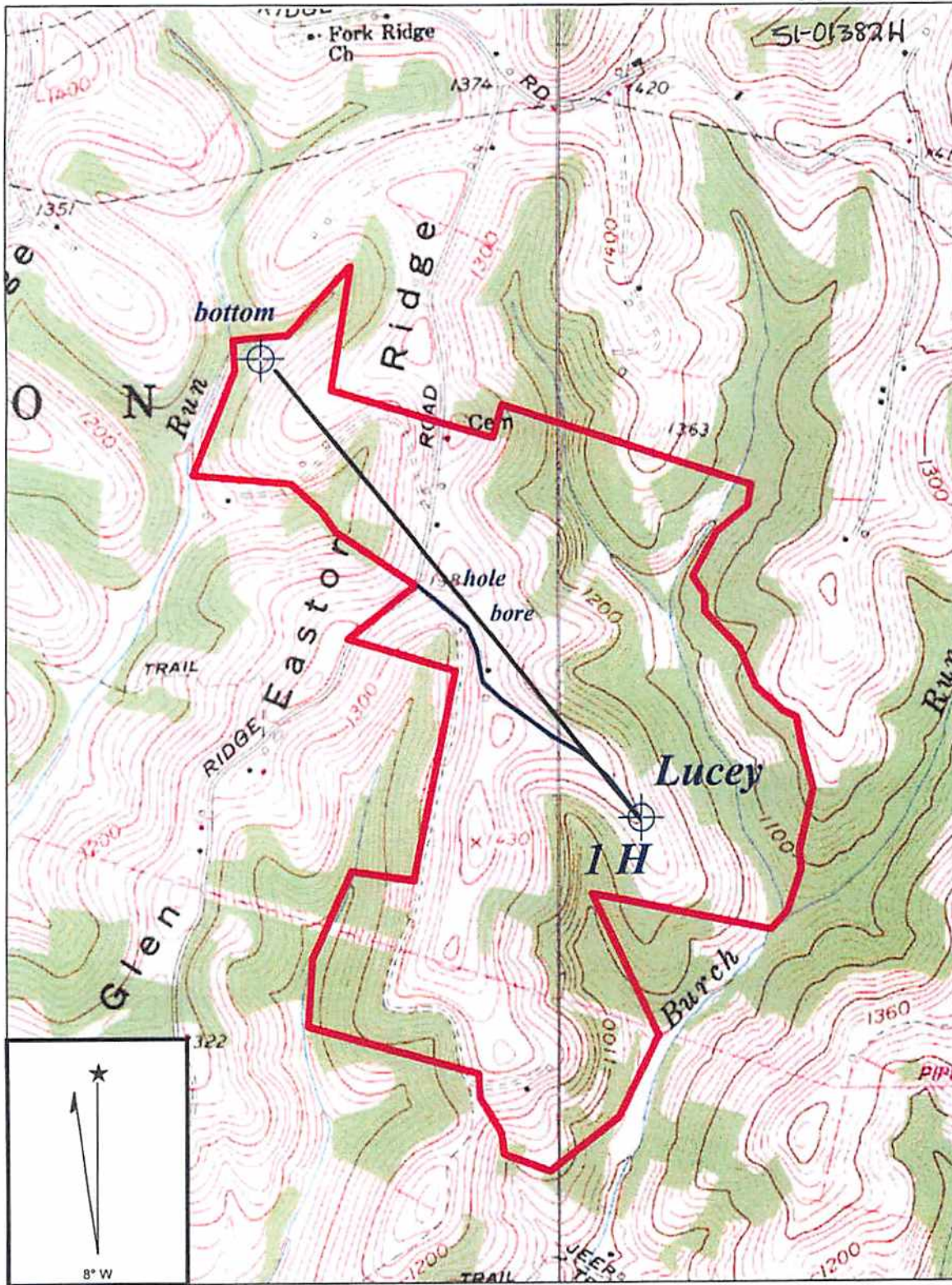
Plan Approved by: *William Shuchter*

Comments: _____

Title: ENVIRONMENTAL INSPECTOR Date: 8-17-10

Field Reviewed? () Yes () No

RECEIVED
Office of Oil & Gas
AUG 20 2010
WV Department of
Environmental Protection
07/04/2014



CAMERON QUADRANGLE

SCALE 1" = 1000'

TRANS ENERGY, INC.

WELL: LUCEY 1H
JACK D. LUCEY 412.367 ACRE LEASE

CAMERON DISTRICT MASHALL COUNTY WEST VIRGINIA

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-051-01382 WELL NO.: 1H
 FARM NAME: Lucey
 RESPONSIBLE PARTY NAME: Jack Lucey
 COUNTY: Marshall DISTRICT: Cameron
 QUADRANGLE: Cameron
 SURFACE OWNER: Jack D. & Sharon L. Lucey
 ROYALTY OWNER: Jack D. & Sharon L. Lucey
 UTM GPS NORTHING: 4411148.70
 UTM GPS EASTING: 532291.75 GPS ELEVATION: 1296'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
Survey grade GPS ____ : Post Processed Differential ____

Real-Time Differential ____

Mapping Grade GPS ____ : Post Processed Differential ____

Real-Time Differential ____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.


Signature

VP Operations

Title

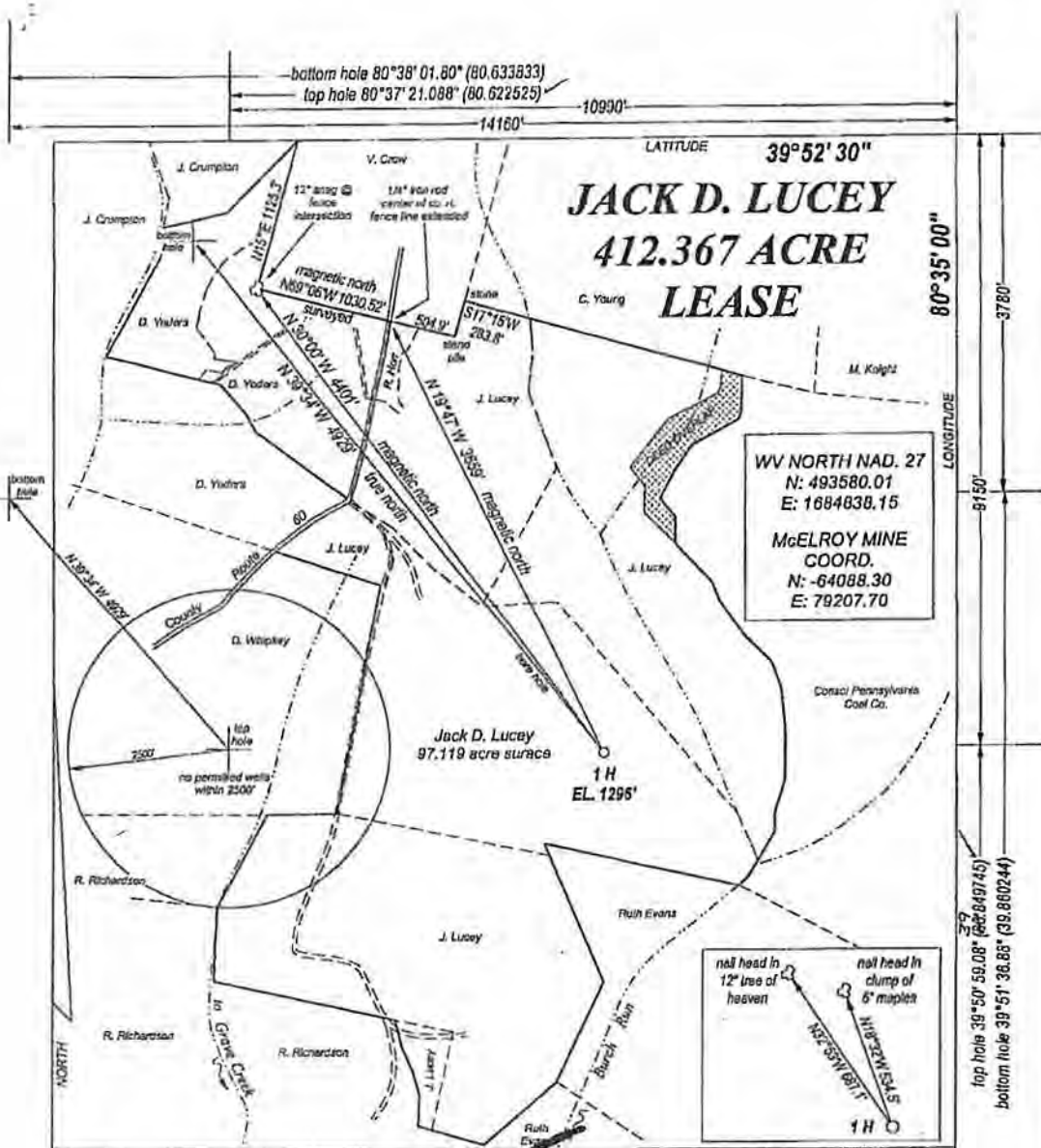
6-3-14

Date

Received

JUN - 3 2014

Office of Oil and Gas
WV Dept. of Environmental Protection



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION GPS OBSERVATION

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 ENFORCED BY THE DEPARTMENT OF ENERGY.
 (SIGNED) _____
 PROFESSIONAL SURVEYOR: 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS

DATE MAY 14TH, 2010
 OPERATORS WELL NO. LUCEY 1H

API 47 - 051 - 01382H
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF GAS) PRODUCTION STORAGE _____ DEEP _____ SHALLOW

LOCATION: ELEVATION 1295' WATER SHED BURCH RUN OF GRAVE CREEK
 DISTRICT CAMERON COUNTY MARSHALL QUADRANGLE CAMERON

SURFACE OWNER JACK D. LUCEY & SHARON L. LUCEY ACREAGE 97.119
 OIL & GAS ROYALTY JACK D. LUCEY & SHARON L. LUCEY LEASE AC. 412.367

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____
 FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____
 PERFORATE NEW FORMATION _____
 OTHER PHYSICAL CHANGE IN WELL _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 7200'

WELL OPERATOR TRANS ENERGY, INC. DESIGNATED AGENT LOREN BAGLEY
 ADDRESS P. O. BOX 393 ADDRESS P. O. BOX 393
ST. MARYS, WV 26170 ST. MARYS, WV 26170

Received

JUN - 3 2014

Office of Oil and Gas
 WV Dept. of Environmental Protection



May 29, 2014

Gene Smith
WV DEP
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304-2345

RE: Plugging Lucey 1H, 2H
47-051-01382, 47-051-01477

Dear Gene:

Enclosed are the Plugging Permits for the Lucey 1H and 2H that we had previously discussed. I have verified that all the pipe was cemented to surface. We plan to put them back in production in 2016.

Please review and let me know if you have any questions or changes.

Sincerely,

A handwritten signature in blue ink, appearing to read "Leslie A. Gearhart".

Leslie A. Gearhart
VP Operations

Enc.

RECEIVED
Office of Oil and Gas

JUN 02 2014

WV Department of
Environmental Protection