



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

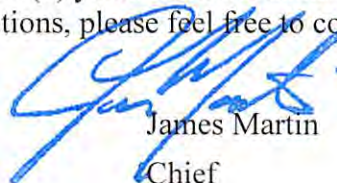
Re-Work

This permit, API Well Number: 47-3300583, 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: 11410
Farm Name: ALLMAN, HARRY L. & CONNIE I
API Well Number: 47-3300583
Permit Type: Re-Work
Date Issued: 09/27/2013

Check # 17794
\$ 1450.00
(3 permits)

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

06 488

1) Well Operator: Dominion Transmission, Inc. 307048 Harrison Grant Mount Clare 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: W-11410 33-0583 3) Elevation: 1,108'

4) Well Type: (a) Oil _____ or Gas X
(b) If Gas: Production X / Underground Storage _____
Deep _____ / Shallow X

5) Proposed Target Formation(s): Balltown Proposed Target Depth: 3,400'

6) Proposed Total Depth: 4,220 Feet Formation at Proposed Total Depth: Balltown

7) Approximate fresh water strata depths: 20', 60', 400'

8) Approximate salt water depths: None

9) Approximate coal seam depths: 30', 55', 110', 385'

10) Approximate void depths,(coal, Karst, other): None listed in offset well data or well record

11) Does land contain coal seams tributary to active mine? No

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)

Re-work - squeeze cement behind 4-1/2" pipe, frac with sand and water.

13) CASING AND TUBING PROGRAM

	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	13"			Existing-see well record	Existing-see well record	CTS
Coal						
Intermediate	8.25"			Existing-see well record	Existing-see well record	CTS
Production	4.5"	J-55		4194'	4194'	125 sacks - Halliburton
Tubing						
Liners						

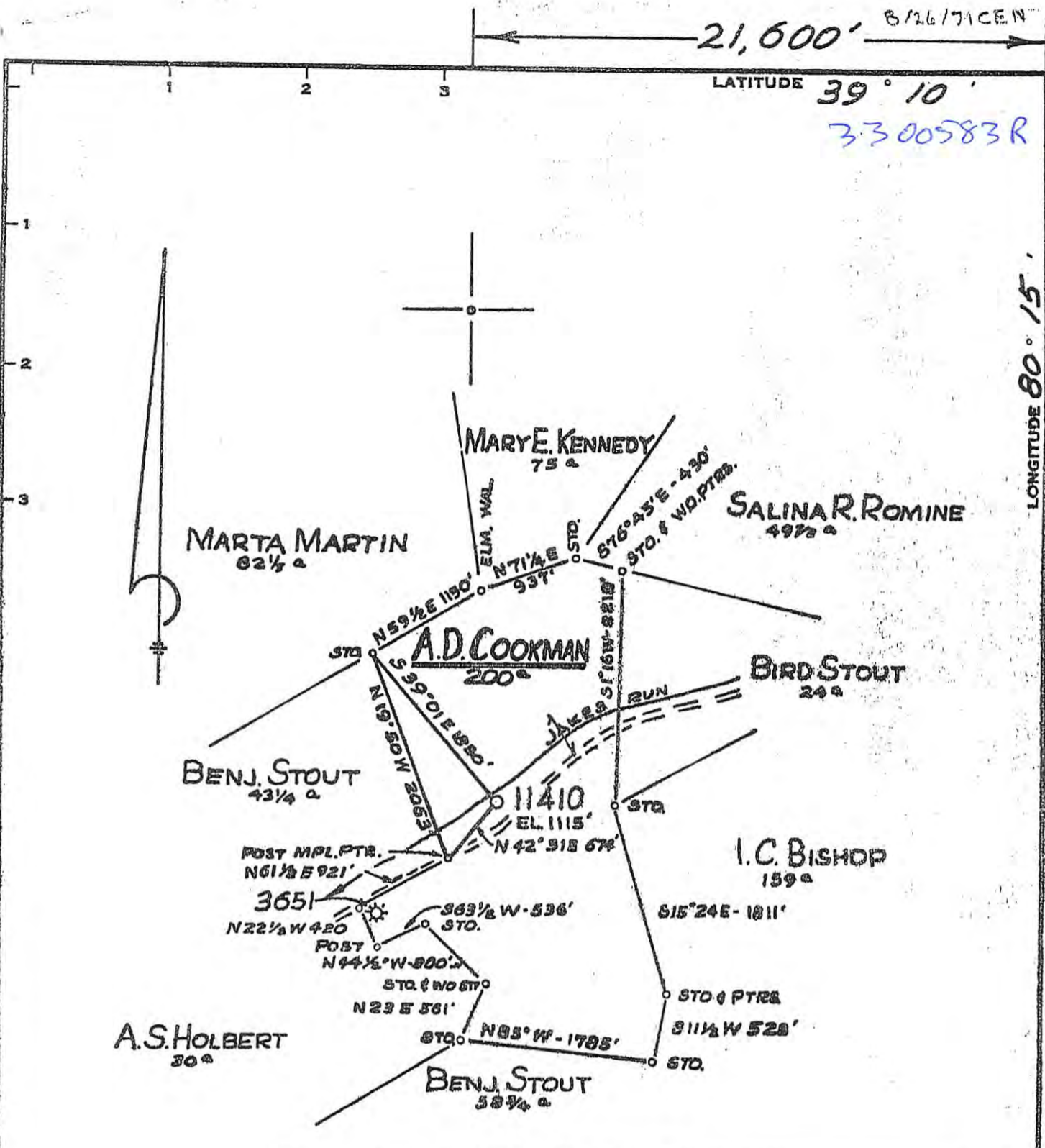
SDW
8/30/2013

Received

SEP - 6 2013

Packers: Kind: _____
Sizes: _____
Depths Set _____

HARR-583



21,600' 8/26/71 CEN

LATITUDE 39° 10' 3300583 R

LONGITUDE 80° 15'

Minimum Error of Closure 1' IN 200'
 Source of Elevation LEVELS FROM U.S.G.S. 83 W.S.M. 1957 ELY. 1057'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

MAP SHEET 56 S22 E15 FB 1596 PG 36-38

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, WVA.
 Farm A.D. COOKMAN
 Tract _____ Acres 200 Lease No. 8494
 Well (Farm) No. _____ Serial No. 11410
 Elevation (Spirit Level) 1115'
 Quadrangle WESTON, WVA. EC.
 County HARRISON District GRANT
 Engineer JACKSON M. JARVIS
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 8-16-71 Scale 1" = 1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. HARR-583

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

received
 09/27/2013
 WV Dept. of Environmental Protection

3300583R

Form OG-10



JAN 27 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle WESTON

Permit No. HAR-583

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.

Farm A. D. Cookman Acres 200

Location (waters) _____

Well No. 11110 Elev. 1115'

District Grant County Harrison

The surface of tract is owned in fee by _____

Address _____

Mineral rights are owned by _____

Address _____

Drilling commenced 9-15-71

Drilling completed 9-27-71

Date Shot Not shot From _____ To _____

With _____

Open Flow /10ths Water in _____ Inch

/10ths Merc. in _____ Inch

Volume 19,000 (Natural) _____ Cu. Ft.

Rock Pressure 532 lbs. 1 hrs.

Oil None bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) No

WELL FRACTURED (DETAILS) 10-6-71 with 500 gal 15% acid, 760 bbl water, 56,000# sand and 2500 HHP

RESULT AFTER TREATMENT (Initial open Flow or bbls.) (1,255,000 cu ft)

ROCK PRESSURE AFTER TREATMENT 1810# ~~HOURS~~ 1 1/2 days

Fresh Water 20', 60', 400' Feet Salt Water None Feet

Producing Sand Benson Depth 1071-1080'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	30	Water	20'	Fresh
Coal			30	32			
Sand			32	55			
Coal			55	58			
Sand & Shale			58	110	Water	60'	Fresh
Coal			110	113			
Sand			113	385			
Coal			385	393			
Sand & Shale			393	505	Water	400'	Fresh
Salt Sand			505	810			
Sand & Shale			810	1110			
Little Lime			1110	1130			
Sand & Shale			1130	1155			
Big Lime			1155	1210			
Big Injun			1210	1330			
Sand & Shale			1330	1620	Gas	1536-117'	
50' Sand			1620	1700			
Sand & Shale			1700	2060			
5th Sand			2060	2085	Gas	2060-73'	
Sand & Shale			2085	1067			
BENSON			1067	1090	Gas	1073-79'	09/27/2013
Total Depth				1220'			6 2013

All measurements taken from K.B. 9' above G.L.

(over)

Office of Oil and Gas
Dept. of Environmental Protection

WW-2A
(Rev. 6-07)

1). Date: _____
2.) Operator's Well Number W-11410
State 47- County 33 Permit 00 583 W
3.) API Well No.:

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

4) Surface Owner(s) to be served:
(a) Name Harry L. & Connie H. Allman W
Address RR 2 Box 301A
Lost Creek, WV 26385
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201
Telephone 304-339-7583

5) (a) Coal Operator
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name N/A
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

OR
x Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

- _____ Personal Service (Affidavit attached)
- x _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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.



Well Operator Dominion Transmission, Inc.
By: James D. Blasingame 8/19/13
Its: Designated Agent and Director of Storage
Address 445 West Main Street
Clarksburg, WV 26301
Telephone 304-669-4850

Subscribed and sworn before me this 19th day of August, 2013

Brenda M. Johnson Notary Public
My Commission Expires March 31, 2020

Received

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

09/27/2013

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WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Harrison Operator Dominion Transmission, Inc. Operator well number W-11410

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, WV 25304 (304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure a adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

- The Chief has the power to deny or condition a well work permit based on comments on the following grounds: 1) The proposed well work will constitute a hazard to the safety of persons. 2) The soil erosion and sediment control plan is not adequate or effective; 3) Damage would occur to publicly owned lands or resources; 4) The proposed well work fails to protect fresh water sources or supplies; 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature Harry L. Allman Date 8-30-2013 Print Name HARRY L. ALLMAN

Company Name By Its Date Signature Date 8/19/13

09/27/2013

WW-2A1
(Rev. 1/11)

Operator's Well Number W-11410

**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
A.D. Cookman	South Penn Oil Company	1/8	
South Penn Natural Gas Company	Hope Natural Gas Company	W.I. (Gas)	204/402
South Penn Natural Gas Company	Pennzoil Company	W.I. (Oil)	754/542
Hope Natural Gas Company, et al	Consolidated Gas Supply Corporation	W.I. (Gas)	
	SEE BELOW		
On 4-1-65 Hope Natural Gas Company and New Consolidated Gas Transmission Corporation by Assignment Consolidated Gas Transmission Corporation is now CNG Inc., effective 4-11-2000. Amended Certificate of Authority	York State Natural Gas Corporation merged and dated 3-1-84, effective 1-1-84. Recorded in Book 1136 Transmission Corporation. As a result of a merger, with the State of WV dated 5-10-2000, filed in Harrison	formed Consolidated Gas at Page 250 by Corporate CNG Transmission Corporation County Deed Book 58,	Supply Corporation. To name change effective 1-1-88. became Dominion Transmission 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 hereby acknowledges 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 acquired from the appropriate authority before the affected activity is initiated.

Well Operator:
By: Its:

Dominion Transmission, Inc.
James D. Blasingame, Designated Agent and Director of Storage

Received
SEP 27 2013
6:00

Office of Oil and Gas
WV Dept. of Environmental Protection
Director of Storage

09/27/2013

3306583R

WW-9
(5/13)

Page _____ of _____
API Number 47 - _____ - _____
Operator's Well No. W-11410

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 1,108' County Harrison District Grant

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes _____ No X

Will a pit be used for drill cuttings? Yes X 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:

- Land Application
- _____ Underground Injection (UIC Permit Number _____)
- _____ Reuse (at API Number _____)
- _____ Off Site Disposal (Supply form WW-9 for disposal location)
- _____ Other (Explain _____)

SDW
8/30/2013

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

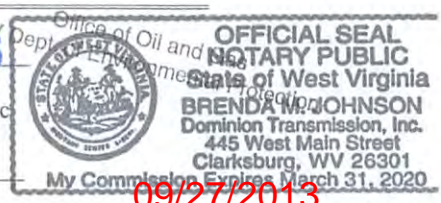
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 James D. Blasingame
Company Official (Typed Name) James D. Blasingame
Company Official Title Designated Agent and Director of Storage

Received
SEP - 6 2013

Subscribed and sworn before me this 19th day of August, 20 13
Brenda M. Johnson Notary Public
My commission expires March 31, 2020



09/27/2013

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 1.2 +/- Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
KY-31	40	ORCHARD GRASS	15
ALSIKE CLOVER	5	ALSIKE CLOVER	5
ANNUAL RYE	15		

Attach:
 Drawing(s) of road, location, pit and proposed area for land application.
 Photocopied section of involved 7.5' topographic sheet.

Received

SEP - 6 2013

Plan Approved by: S. D. Ward

Title: Oil + Gas Inspector

Date: 8/30/2013

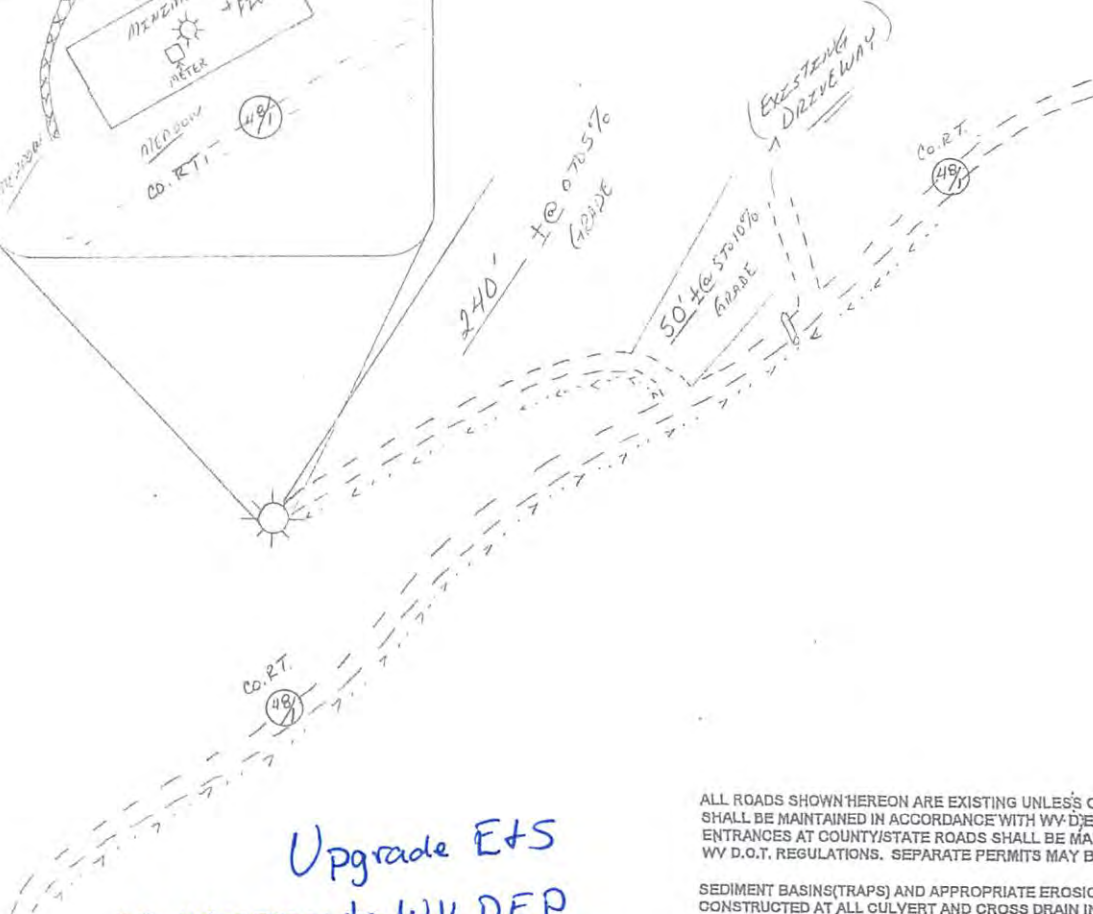
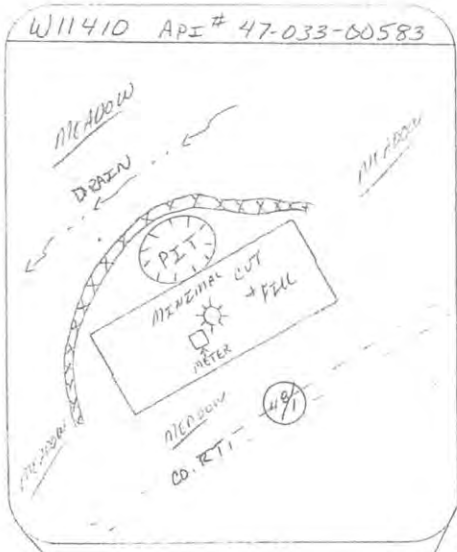
Field Reviewed? () Yes (X) No Existing well

Office of Oil and Gas
 Dept. of Environmental Protection

09/27/2013

3300583R

A.D. Cookman Lease Well No. W-11410



Upgrade E+S
as necessary to WV DEP
E+S manual: Pre-seed/mulch
as soon as reasonably possible

SDW
8/30/2013

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

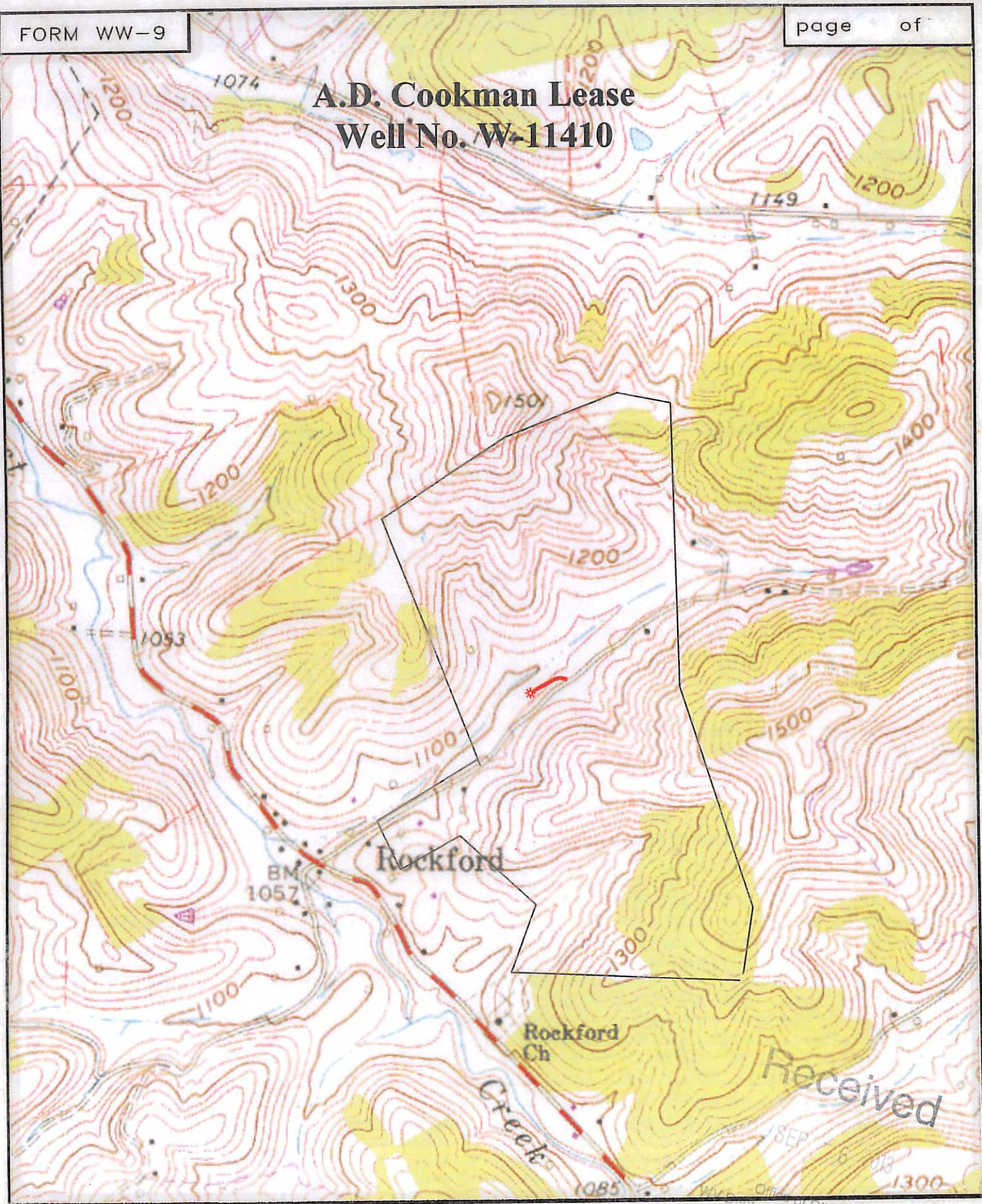
Received
Received
SEP - 6 2013

 P.O. BOX 150 GLENVILLE, WV. 26351	Phone: (304) 462-5634 Fax: 462-5656 email: sls@slssurveyors.com
	DRAWN BY JAS DATE 5/21/13 FILE NO: 8035

09/27/2013

3300583 R

A.D. Cookman Lease Well No. W-11410



SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF MOUNT CLARE 7.5' Scale of Environmental Protection

FILE NO. 8035 DATE 6/25/13 SCALE 1" = 1,000'

09/27/2013

Received
SEP 6 013

Office of Oil and Gas
Dept. of Environmental Protection

A.D. COOKMAN LEASE

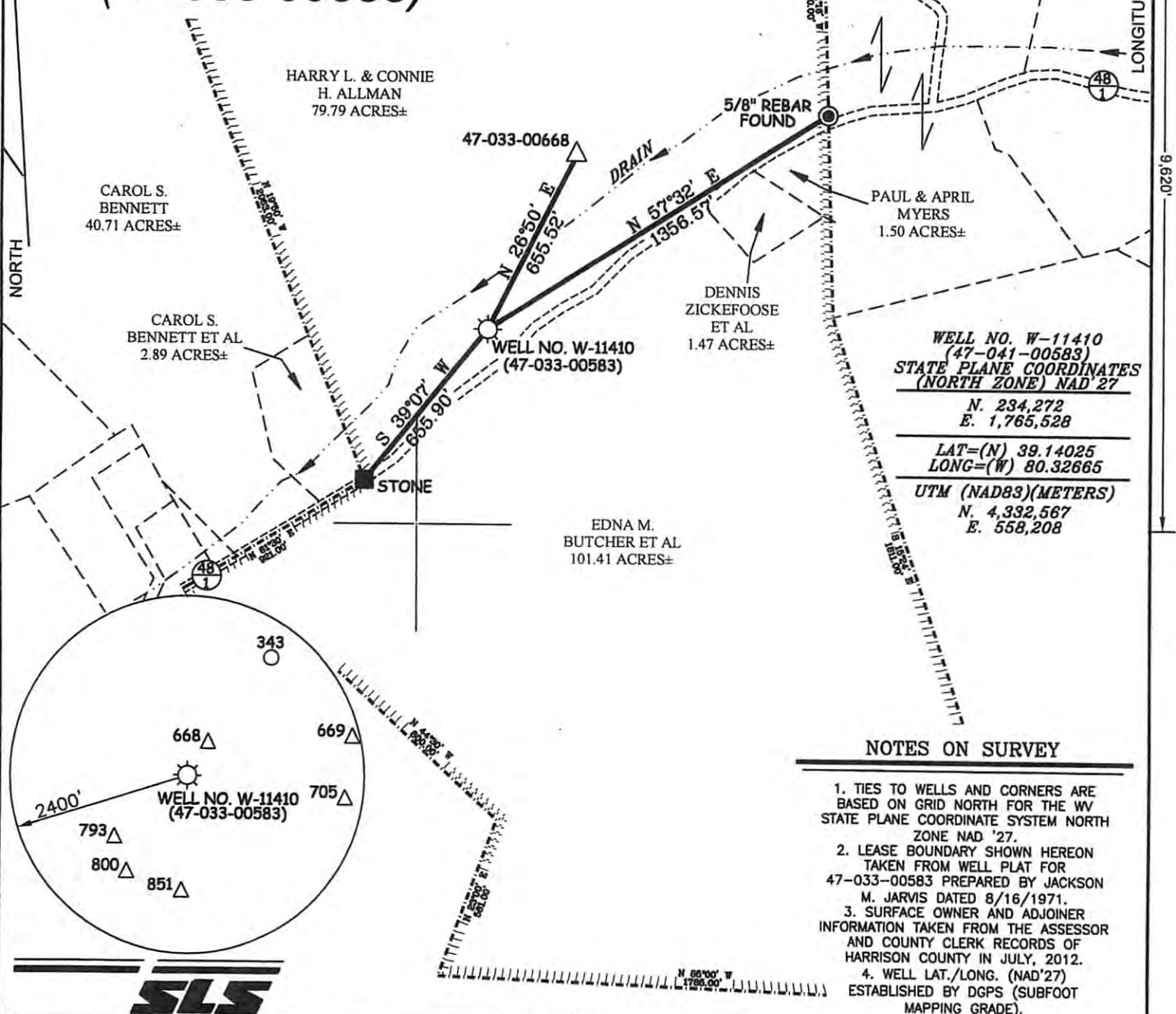
200 ACRES±

WELL NO. W-11410

(47-033-00583)

LATITUDE 39°10'00"

LONGITUDE 80°17'30"



CAROL S. BENNETT
40.71 ACRES±

HARRY L. & CONNIE H. ALLMAN
79.79 ACRES±

HARRY L. & CONNIE H. ALLMAN
3.26 ACRES±

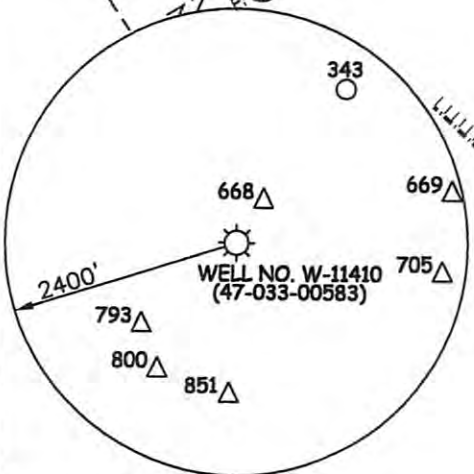
W.M.T. & MARGARET PALMER
35.53 ACRES±

PAUL & APRIL MYERS
1.50 ACRES±

DENNIS ZICKEFOOSE ET AL
1.47 ACRES±

EDNA M. BUTCHER ET AL
101.41 ACRES±

CAROL S. BENNETT ET AL
2.89 ACRES±



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. Gregory A. Smith
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MAY 23, 20 13
OPERATORS WELL NO. W-11410
API WELL NO. 47 - 033 - 00583R
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8035PW-11410(460-47)
PROVEN SOURCE OF ELEVATION DGPS (SUBFOOT MAPPING GRADE) SCALE 1" = 500'

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

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

LOCATION: ELEVATION 1108' WATERSHED TRIBUTARY OF LOST CREEK
DISTRICT GRANT COUNTY HARRISON QUADRANGLE MOUNT CLARE 7.5'

SURFACE OWNER HARRY L. & CONNIE H. ALLMAN ACREAGE 79.79±
ROYALTY OWNER HARRY L. ALLMAN ACREAGE 200

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

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BALLTOWN
ESTIMATED DEPTH 3400'

WELL OPERATOR DOMINION TRANSMISSION INC. DESIGNATED AGENT JAMES BLASINGAME
ADDRESS 445 WEST MAIN STREET ADDRESS 445 WEST MAIN STREET
CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

COUNTY NAME
PERMIT

Received
09/27/2013

Office of Environmental Protection

A.D. COOKMAN LEASE 200 ACRES± WELL NO. W-11410 (47-033-00583)

LATITUDE 39°10'00"

HARRY L. & CONNIE
H. ALLMAN
3.26 ACRES±

W.M. T. &
MARGARET
PALMER
35.53 ACRES±

LONGITUDE 80°17'30"

9,620'

HARRY L. & CONNIE
H. ALLMAN
79.79 ACRES±

CAROL S.
BENNETT
40.71 ACRES±

CAROL S.
BENNETT ET AL
2.89 ACRES±

47-033-00668

5/8" REBAR
FOUND

PAUL & APRIL
MYERS
1.50 ACRES±

DENNIS
ZICKEFOOSE
ET AL
1.47 ACRES±

WELL NO. W-11410
(47-033-00583)

WELL NO. W-11410
(47-041-00583)
STATE PLANE COORDINATES
(NORTH ZONE) NAD 27

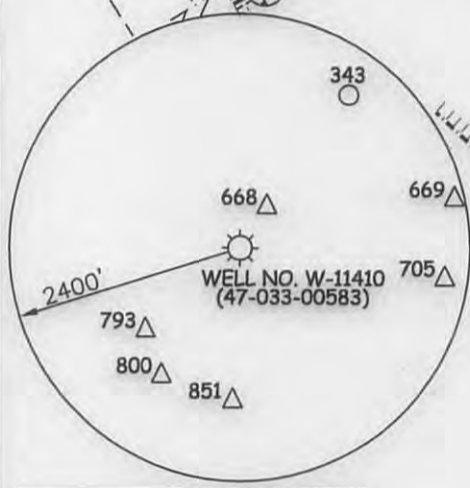
N. 234,272
E. 1,765,528

LAT=(N) 39.14025
LONG=(W) 80.32665

UTM (NAD83)(METERS)
N. 4,332,567
E. 558,208

EDNA M.
BUTCHER ET AL
101.41 ACRES±

NORTH



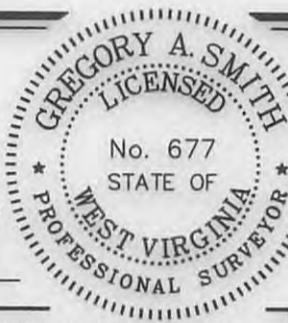
NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM WELL PLAT FOR 47-033-00583 PREPARED BY JACKSON M. JARVIS DATED 8/16/1971.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBFOOT MAPPING GRADE).

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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677

Gregory A. Smith



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

DATE MAY 23, 20 13

OPERATORS WELL NO. W-11410

API WELL NO. 47-033-00583R
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8035PW-11410(460-47)
PROVEN SOURCE OF ELEVATION DGPS (SUBFOOT MAPPING GRADE) SCALE 1" = 500'

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



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

LOCATION: ELEVATION 1108' WATERSHED TRIBUTARY OF LOST CREEK

DISTRICT GRANT COUNTY HARRISON QUADRANGLE MOUNT CLARE 7.5'

SURFACE OWNER HARRY L. & CONNIE H. ALLMAN ACREAGE 79.79±

ROYALTY OWNER HARRY L. ALLMAN ACREAGE 200±

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

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BALLTOWN ESTIMATED DEPTH 3400'

WELL OPERATOR DOMINION TRANSMISSION INC. DESIGNATED AGENT JAMES BLASINGAME
ADDRESS 445 WEST MAIN STREET ADDRESS 445 WEST MAIN STREET
CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

09/27/2013

Received
WV Dept. of Environmental Protection
Office of Oil and Gas

COUNTY NAME PERMIT