



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

November 21, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3301527, issued to CNX GAS COMPANY LLC , 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: 7968
Farm Name: HURST, E.
API Well Number: 47-3301527
Permit Type: Plugging
Date Issued: 11/21/2014

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.

1) Date _____, 20____
2) Operator's
Well No. 7047
3) API Well No. 47-033 - 01527

CK 56503-42
2720022648
100.00

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 / Liquid injection ____ / Waste disposal ____ /
(If "Gas, Production or Underground storage ____) Deep ____ / Shallow

5) Location: Elevation 1327.70' Watershed Limestone Run
District Coal County Harrison Quadrangle Wolf Summit

6) Well Operator CNX Gas Company LLC 7) Designated Agent Matt Imrich
Address P.O. Box 1248 Address P.O. Box 1248
Jane Lew, WV Jane Lew, WV

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sam Ward Name See Attached
Address P.O. Box 2327 Address _____
Buckhannon, WV 26201

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

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

RECEIVED
Office of Oil and Gas

Work order approved by inspector [Signature]

OCT 22 2014
Date 10/16/2014
WV Department of
Environmental Protection

11/21/2014

Plugging Work Order for Permit 47-033-01527

CNX Gas - Well 7047

1. Verify TD. TIH with 2-3/8" EUE tubing. Circulate 6% gel to surface.
2. Pump cement plug from TD to 2097'. TOH with 2-3/8" EUE. Wait on cement.
3. Verify cement top. Free point, cut & pull 5-3/16" above cement (~2100').
4. TOH with 5-3/16 casing.
5. Attempt to pull 6-5/8" (1766'), if unable to pull, free point and cut @ 1000'.
6. TOH with 6-5/8" casing.
7. Attempt to pull 8-1/4" casing (1090').
8. If unable to pull free point and cut @ 150' perforate all casing every 200'.
9. Pull 10" casing (153').
10. TIH w/ 2-3/8" EUE work string. Pump 100' cement plugs across all casing cuts.
11. Pump 100' cement plug, from 1378' to 1278' (elevation 1328')
12. Pull 2-3/8" EUE up to 200', and pump cement plug from 200' to surface.
13. TOH with 2-3/8" EUE, and top off cement to surface.
14. Install 6" x 14' monument (~~10' below grade~~) API 47-033-01527

* Because the Pittsburgh Coal is at 70'-76' an above ground monument must be erected.

GCS
11/21/14

Work Order approved by Inspector S. D. Wardell Date: 10/16/2014

Note: All cement will be Class A. All spacers between plugs will be 6% gel.

RECEIVED
Office of Oil and Gas
OCT 22 2014
WV Department of
Environmental Protection
11/21/2014

1) Date: 10/20/14
2) Operator's Well Number 7047

3) API Well No.: 47 - 033 - 01527

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

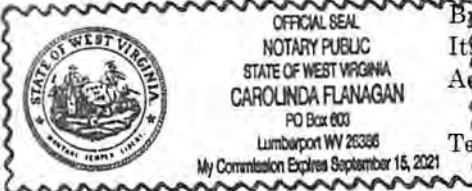
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Carl Lee Gallo</u>	Name <u>Roscco Limited Liability Co.</u>
Address <u>P.O. Box 22</u>	Address <u>P.O. Box 397</u>
<u>Reynoldsville, WV 26422</u>	<u>Coalton, WV 26257</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Roscco Limited Liability Co.</u>
(c) Name _____	Address <u>P.O. Box 397</u>
Address _____	<u>Coalton, WV 26257</u>
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name <u>None of Declaration</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-389-7583</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>CNX Gas Company LLC</u>
	By:	<u>Matt Imrich</u> <i>Kelly Eddy</i>
	Its:	<u>Designated Agent - District Operations Superintendent, WV Gas Operations</u>
	Address	<u>P.O. Box 1248</u>
	Telephone	<u>304-884-2131 - Kelly Eddy, Permitting Supervisor</u>

Subscribed and sworn before me this 20TH day of OCT. 2014
Carolinda Flanagan Notary Public

My Commission Expires 9/15/2021

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number as 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 information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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Office of Oil and Gas
WV Department of Environmental Protection
11/21/2014

7014 0510 0000 4142 3169

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

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

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$



Sent To **Carl Lee Gallo**
P.O. Box 22
 Street, Apt. No., or PO Box No. **Reynoldsville, WV 26422**
P&A Well #7047
 City, State, ZIP+4 **Surface Owner**

7014 0510 0000 4142 3176

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

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

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$



Sent To **Rosco Limited Liability Co.**
P.O. Box 397
 Street, Apt. No., or PO Box No. **Coaltown, WV 26257**
P&A Well #7047
 City, State, ZIP+4 **Coal Owner & Coal Operator**

SURFACE OWNER WAIVER

Operator's Well
Number

563

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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 **FIVE (5) 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 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.

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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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
ETC.

FOR EXECUTION BY A CORPORATION,

RECEIVED
Office of Oil and Gas

Signature

Date

Name
By

Its

Date

Signature

**WV Department of
Environmental Protection**
Date
11/21/2014

WW-4B

API No. 47-049-00775
Farm Name _____
Well No. 563

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____
Its _____

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Office of Oil and Gas
OCT 22 2014
WV Department of
Environmental Protection

11/21/2014

1041

WELL No. 1387958 Co. G. Hurst LEASE No. 744 ACRES 30 N. 11 E. 10 DISTRICT Harrison

RECORD								CASING AND TUBING			
COUNTY	FORMATION	TOP	BOTTOM	OIL AT	GAS AT	WATER AT	FRESH OR SALT	SIZE	PUL IN WELL	PULLED	CEMENTED
Harrison	Pittsburgh Coal	70	-76					13 in. Casing			
LOCATED Aug. 14, 1908	Dunkard Sand	400	680					10 in. Casing	153		
COMMENCED Aug. 17, 1908	Salt Sand	870	1178					8 in. Casing	1098		
COMPLETED Oct. 17, 1908	Maxon Sand	1160	1210					6 in. Casing	1766		
CONTRACTOR C. A. Hurst (old No. 4)	Injun. Sand	1700	1760					5 1/2 in. Casing	212206		
PURCHASED FROM \$ 47-033-1527	Berea Sand							7 in. Tubing	2460	2460	
DATE PURCHASED	Gantz Sand							2 in. Tubing	22	22	
DATE SHUT IN	Fifty Foot Sand	2197	2209		2200			In. Tubing			
DATE CONNECTED	Thirty Foot Sand										
DATE TURNED ON	Stray Sand	2407	2428		2422						
DATE TURNED OFF	Gordon Sand	2423	2509		2496						
DATE DISCONNECTED	Fourth Sand	2427	2428		2427						
SOLD TO	Fifth Sand										
DATE SOLD	Bayard Sand										
DATE RE-PURCHASED											
DATE PLUGGED											
DATE ABANDONED											
MERGER TO HOPE NATURAL GAS CO. #	TOTAL DEPTH	2211									
	DEEPER	2457									
		2536 1/2 ft									

Salem
 Date
 Size Casing
 Top Ft.
 Bottom Ft.

SHOOTING

DATE	QTS.	SAND	VOLUME BEFORE	VOLUME AFTER
4-30-46	20	50 feet	114,400	114,400
4-30-46	20	2nd string	37,654	114,400

VOLUME AND PRESSURE TESTS											PACKERS				
DATE TAKEN	READING	LIQUID	OPENING	POUNDS PRESSURE	1 MIN.	5 MIN.	10 MIN.	30 MIN.	60 MIN.	ROCK	VOLUME	SAND	SIZE	MAKE	SET AT
Oct. 14 1908	57/10	m.	2"								1340,000	Gordon 50 ft.	2 X 6	Huber	2198
Oct. 17 "	37/10	"	4"		10	70	170	305	405	865	994,560	"	2 X 5	Huber	2427
Mar. 19 1919	11/10	M	1 1/2"						30	325	4,000	Berea 50 ft.	6 X 5	Huber	21750
Mar. 19 "	42/10	M	2"		120	365	450	475	490	550	1136,640	"	"	"	"
July 1 1940	7/10	W.	1/4 FM								665	50 ft.	"	"	"
July 1 1940	14/10	W.	1/4 FM								40,761	"	"	"	"
Sept. 15 1949	25/10	"	1" FM special	9	31	53	90	98	-	-	37,654	"	"	"	"
May 22 1946	27/10	"	3/4"	1	8	15	37	55	96	-	73,100	50' Ber. etc.	"	"	"

INITIAL OIL PRODUCTION
 DATE BARRELS SAND

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 Office of Oil and Gas
 Department of Environmental Protection
 OCT 2 2014

DEFECTIVE WELL REPORT

DATE 07/15/86 MAP Q118134 FF4230199 E TOWN, TWP. COAL COUNTY HARRISON
 WELL NO. 7968 LEASE NO. HOPE 97828 NAME EVA HURST WORKING DISTRICT SALEM

Gas ORIG. OPEN FLOW 994,560 SAND GORDON TEST FOR THIS REPORT: DATE 09/28/83 FIFTY FT., GORDON
 ORIG. ROCK PRES. 865 DATE Oct. 17, 1908 OPEN FLOW 0 ROCK PRES. 0
 Oil ORIG. BARRELS N.A. Daily Mo. DATE _____ BARRELS N.A. Daily Mo. DATE _____
 SANDS _____ SANDS _____

PRESENT CASING RECORD

SIZE	WT.	GR.	AMT. RUN	SHOE OR PACKER	SET AT	CEMENTED WITH	DATE RUN	CONDITION OF CASING
10"	N.A.	N.A.	153'	N.A.	N.A.	N.A.	1908	POOR
8-1/4"	N.A.	N.A.	1098'	N.A.	N.A.	N.A.	1908	POOR
6-5/8"	N.A.	N.A.	1766'	N.A.	N.A.	N.A.	1908	POOR
5-3/16"	N.A.	N.A.	2236'	ANCHOR	1750	N.A.	1908	POOR

HISTORY OF WELL

Depth of Pittsburgh Coal 70' - 76' Original Depth 2197-2209', 2211', 2407-2428', 2483-2500' Present Depth: 2536'
 Well Producing { Gas Fifty Ft., Stray, Gordon Sand _____ at depths of { N.A. Oil Produced by N.A.
 { Oil N.A. Sand _____ Condition of Rig N.A.
 Amount of Cavings in hole: 259 ft. Amount of Water: 1060 gallon Amount of Oil: N.A.
 Date well cleaned out: N.A. Result: 0 GAS TEST

Date well treated 04/30/1946 Resulting open flow 73,100
 Type of treatment: Frac. Shot Fifty ft, Stray Gordon (where) Acidize _____ (Other)
 Remarks: was unable to bail dry in 1983.

What should be done with well in my opinion: Suspect large hole in casing. Recommend Sono Log, evaluate, possibly pull casing or try cement squeeze job.

Date 07/15/86 _____ District Superintendent

Date _____ Division Superintendent

Date _____ Division Manager

Date _____ Land Department

Date _____ Chief Geologist

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Office of Oil and Gas
Manager of Storage

OCT 22 2014

WV Department of
Environmental Protection
Production

Repair as per recommendation of Manager of Production _____
 Date _____ Operations

11/21/2014



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street
Charleston, WV 25304
(304) 926-0450
Fax (304) 926-0452

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.gov

August 13, 2013

CONSOL Gas Company
1000 CONSOL Energy Drive
Canonsburg, PA 15342

RE: Request for Bona Fide Future Use
API# 47-33-01343, 33-01388, 21-03048, 17-01963, 77-00328, 33-01322, 61-00394, 33-01527,
1-01941, 1-01956, 1-02032, 1-02143, 1-02151, 1-02191, 1-02630, 1-00559, 61-00375

Dear Mr. Jones:

Your request for "Bona Fide Future Use" regarding the above named wells have been approved pending the following conditions:

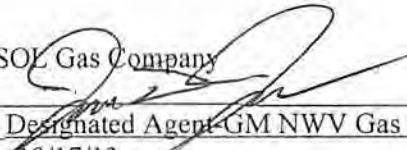
The wells shall be **placed in production by December 31, 2013**. If not placed back in production, the wells must be plugged by this date.

If "CONSOL" or its duly authorized representative, agrees to and enters into this Bona Fide Future Use Agreement please sign the space provided below returning the original making sure to retain a copy for your files.

If the wells are not addressed within the time frame they will be subject to enforcement actions. If you have any questions regarding this matter feel free to contact me at 304-926-0499, ext. 1036.

Sincerely,

Larry Board
Environmental Resources Specialist III/Enforcement

CONSOL Gas Company
By: 
Its: Designated Agent GM NWV Gas Ops
Date: 10/17/13

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Office of Oil and Gas
OCT 22 2014
WV Department of
Environmental Protection

Promoting a healthy environment.

11/21/2014

Attachment – Form WW-4B:

Potential Plugging Contractors:

Waco Oil & Gas
P.O. Box 397
Glennville, WV 26351

Viking Well Service
8113 Sissonville Drive
Sissonville, WV 25320

Stalnaker Energy
220 West Main Street
Glennville, WV 26351

Contractor Services Inc.
929 Charleston Road
Spencer, WV 25276

Coastal Drilling
130 Meadow Ridge Rd, STE 24
Mount Morris, PA 15349

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WV Department of
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11/21/2014

FILE LOC.

P235873

249983
DOC. #



DeBRULAR WELL SERVICING, INC.

ROUTE 4 - BOX 454

WESTON, WEST VIRGINIA 26452

PHONES
(304) 269-3071 (OFFICE)
(304) 269-4340 (STEPHEN HOME)
(304) 269-7292 (SHOP)

SERVICES
SWABBING - WELL TENDING
SAND - PUMPING

July 2, 1996
INVOICE NO. 15600

CNG Producing Company
Rt. 2, Box 698
Bridgeport, WV 26330

FOR SERVICES RENDERED TO

WELL: 7047 (7968)
LOCATION: Chieftain, Harrison Co.
PO NUMBER: 21013
DAY WORKED: 06/24/1996
WORK ORDERS: Dave Cochran
DAILY REPORT ATTACHED

Batch No. B-05-071596
ACCT ACT ORG AFE

P.O.# JUL 03 1996

Descrip. _____
Appvd. By D. Johnson
1-8-96

TOTAL AMOUNT TIME..... 3.00 hrs.
Rate Per Hour.....\$ 50.00

AMOUNT FOR SERVICES.....\$ 150.00

SUB-TOTAL.....\$ 150.00
WV Consumer Sales Tax...\$ 0.00

TOTAL AMOUNT DUE.....\$ 150.00

DIRECT PAY PERMIT #91-2-000047



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TERMS: 30 DAYS NET

DeBrular Well Servicing, Inc.

RT. 4 BOX 454 • WESTON, WV 26452
 304-269-7292 SHOP • 304-269-3071 OFFICE

DAILY REPORT AND SUMMARY

INVOICE NO.	15600
DATE	06/24/1996

CUSTOMER INFORMATION		WELL INFORMATION	
COMPANY	CNG Producing Company	LOCATION	Chieftain, Harrison Co.
ADDRESS	Rt. 2, Box 698	WELL NAME/NO.	7047 (7968)
PHONE	Bridgeport, WV 26330	FARM NAME	
	623-8840 0	TAX EXEMPT NO.	91-2-000047

TANK READING			PRESSURE READING			
END READING	0'	OIL % 0%	ANNEX: AM	0	TUBING AM	0
BEGIN READING	0'	WATER % 100%	PM	0	PM	0
TOTAL FOR DAY	1'	x 0.83 = 1.00bbls	DIFFERENTIAL	0		

TUBING INFORMATION				CASING INFORMATION			
TUBING SIZE	0	TUBING DEPTH	0	FORMATION	PERF TOP	PERF BOT	BAFFLES IN/OUT
PACKER	0	SEATING COLLAR	0				
TUBING PULLED	0	RODS PULLED	0				
APPROXIMATE FLUID LEVEL IN HOLE	60			ACTUAL TD	2276	AMT. POCKET	0
NUMBER RUNS WITH SWAB OR BAILER	11			CASING TD	0	CASING SIZE	5
NUMBER RUNS WITH SAND PUMP	0						
DEPTH SWABBED/BAILED TO	2276						
WELL FLOWED (YES/NO)	N						

TEST RESULTS				
FLOW METER OR OPEN FLOW	SIZE OPENING	READING	LIQUID USED	CUBIC FEET
FLOW METER	1	8/10ths	WATER	21.300 ^M

ROCK PRESSURE TEST — PSI														
1 MIN	2 MIN	3 MIN	4 MIN	5 MIN	6 MIN	7 MIN	8 MIN	9 MIN	10 MIN	15 MIN	30 MIN	60 MIN		ROCK

NOTES	PERM
Arrived on location, measured into 2276' and began to bail. After cleaning the well up we shut it in and moved off location. Need Tanker Truck and 5" bailer.	YES

OPERATOR: Dexter Hardman | RIG HAND: MB | ORDERED BY: Dave Cochran | RIG NO.: 1

SUMMARY OF CHARGES			
QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
3.00	Rig Charges	50.00	150.00

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 OCT 22 2014

FIELD SIGNATURE	SUB-TOTAL 150.00 SALES TAX 0.00 TOTAL 150.00
-----------------	--

WV Department of Environmental Protection
 10/21/2014

Hope Natural Gas Company

REPAIR RECORD

44

Well No. 7968

Buffalo

District

Farm Name Eva E. Hurst

N 11 S 10 E 10 W

Commenced:

Completed:

Cleaning Out March 20, 1946

Cleaning Out

Drilling Deeper Jan. 10 - 1946 (Packer)

Drilling Deeper April 27, 1946

CASING AND TUBING RECORD

Size	Before Repairs		Pulled		Put in Well		After Repairs		Size
	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	
10"	153						153		10"
8 1/2"	1098						1098		8 1/2"
6-5/8"	1766						1766		6-5/8"
5 1/2"					2252	2256	2252	2236	5 1/2"
2"	2460		2460		None	None	None		2"
2" Perf	22		22		None	None	None		2" Perf.

SHOOTING RECORD (Show if Open Shot or Tamped Shot)

(Open Shots)

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
4-30-1946	20	2418	2426	4"	Gordon	25/10	W.	1"	17/10	Mer.	1"	2 Hrs	Marietta Torp. Co.
4-30-1946	20	2196	2204	4"	Fourth	17/10	Mer.	1"	17/10	Mer.	1"	2 Hrs	Marietta Torp. Co.

Open Shots

RECORD OF ANY DEEPER DRILLING

PACKER RECORD

Formation	Top	Bottom	Oil at	Gas at	Size	Kind	Set At (Steel Line)
Commenced drilling at depth of		2457			6-5/8" X 2"	Anchor	1750
First <i>Fourth</i>	2483	2500		2496	(43 Gal. Red Mud on Top Packer)		
					5 1/2" X 2" Packer Pulled	Anchor	
					Size 6-5/8" X 2"	Kind Anchor	
OIL PRODUCTION							
Estimated	bbl. per day						Sand
CLARKSBURG OFFICE ENTRIES							
Repair Card	<i>J.P.S. 6-10-46</i>						
Well Card	<i>J.P.S. 6-10-46</i>						
Memo Book	<i>J.P.S. 6-10-46</i>						
Wall Map	H.H.S. 100 30 1946						
Map Sheets	H.H.S. 100 31 1946						
Total Depth	2536 Steel Line						

VOLUME AND PRESSURE REPORT

BEFORE CLEANING OUT

Reading	Liquid	Opening	Rock or Minute Pressure	Sands Gas From
22/10	Water	1"	3500	Gordon & 4th. <i>See Dr.</i>

AFTER CLEANING OUT

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Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
April 12, 1946	FM	37/10	Water	1"	45,802	50 p. - <i>See Dr.</i>	6 Hrs.
" 19 "		50/10		1"	53201	Gordon & 4th	

WV Department of Environmental Protection

AFTER DEEPER DRILLING

VOLUME TEST

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
May 22 1946	FM	22/10		1"	52 100	50 p. - <i>See Dr.</i>	

11/21/2014

Reserve Gas Company

Well No. 136 Eva Hurst Farm March, 20th, 19 191

District Harrison Commenced Feb. 18, 19.

N S 11 E 10 W Completed Mar. 19, 19.

REPAIRS

CASING AND TUBING RECORD

Size	Before Repairs	Pulled	Put in Well	After Repairs	Disposition of Amount Pulled
10"	153			153	None Pulled.
8"	1098			1098
6 5/8"	1766			1766
2"			2460	2460	
2"			22	22	

VOLUME AND PRESSURE TEST

BEFORE REPAIRS					AFTER REPAIRS				
Reading	Liquid	Opening	Rock or Minute Pressure	Pounds	Reading	Liquid	Opening	Rock or Minute Pressure	Pounds
4/10	Water	1"	1Hr.	30	42/10	Mer.	2"	1Hr.	490
					1,008,000			Rock	550

RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Names of Drillers		Time (Days)
Commenced drilling at depth of	2211		Harry Bios.		
(with) Fifth ^{Hot} _{Stray} Gas	2407	2428			
	2422		Names of Tool Dressers		Time (Days)
			Jim Douglas		

PACKER RECORD			
Size	Kind	Anchor	Amount Above Anchor
53/16 X 2"	Anchor	50ft	2407
65/8 X 2"	Anchor	259	2198

OIL AND GAS DISCOVERIES IN DEEPER DRILLING			
Oil at	ft. in	Sands	
Gas at	2422	ft. in	Fifth (with) Sands

Formation		Top	Bottom	Total Depth
Commenced drilling at depth of		2211		
(with) Fifth ^{Hot} _{Stray} Gas		2407	2428	
		2422		
Total Depth			2457	

SHOOTING RECORD

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	Shot by
						Reading	Liquid	Opening	Reading	Liquid	Opening		

Remarks

Hole Reduced to 5 3/16" at 2211

J.P. Davis

Foreman

Reserve Gas Company Ent'd

G. H. M.

Well No. 179 Eva Hurst Farm March. 20th. 191

District Harrison Commenced Feb. 18. 19.
 N S 11 E 10 W Completed Mar. 19. 19. W H S

REPAIRS

CASING AND TUBING RECORD

Size	Before Repairs	Pulled	Put in Well	After Repairs	Disposition of Amount Pulled
10"	153			153	None Pulled. 44
8 1/4"	1098			1098
6 5/8"	1766			1766
2"			2460	2460	
2"	Perf.		22	22	

VOLUME AND PRESSURE TEST

BEFORE REPAIRS					AFTER REPAIRS				
Reading	Liquid	Opening	Rock or Minute Pressure	Pounds	Reading	Liquid	Opening	Rock or Minute Pressure	Pounds
4/10	Water	1"	1Hr.	30	42/10	Mer.	2"	1Hr.	490
								Perch	550

RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom
Commenced drilling at depth of	2211	
Fifth	2407	2428
Total Depth	2457	

Names of Drillers

Names of Drillers	Time (Days)
Harry Bice.	

Names of Tool Dressers

Names of Tool Dressers	Time (Days)
Jim Douglas	

PACKER RECORD

Size	Kind	Anchor	Amount Above Anchor
53/16.X	2" Anchor	50ft	2407
65/8 X 2"	Anchor.	259	2198

OIL AND GAS DISCOVERIES IN DEEPER DRILLING

Oil at	ft. in	Sands
Gas at	2422 ft. in	Fifth Sands

SHOOTING RECORD

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	Shot by
						Reading	Liquid	Opening	Reading	Liquid	Opening		

Remarks Hole reduced to 5-3/16" at 2211

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Foreman
WV Department of
Environmental Protection

WELL No. 138 7968

Eva G. Hurst Farm. Well No. 138
Coal Dist. Harrison County, Sta
 Rig Commenced, August 25, 1908 Rig Completed,
 Drilling Commenced, September 7, 1908 Drilling Comple

CASING RECORD

Size.	CHARGED TO WELL.		PUT IN WELL.		PULLED OUT OF WELL.		LEFT IN WELL.		Transfer Comp. Feet.
	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	
10"	184		153				153		
8 1/4"	1216		1098				1098		
6 5/8"	1873	6	1766				1766		

FORMATION.	TOP.	BOTTOM.	REMARKS.	DATE.
Conductor		16		
Pittsburg Coal	70	76		
Little Dunkard	400	430		
Big Dunkard	650	680		
Gas Sand	750	820		
First Dals Sand	870	910		
Second Dals Sand	940	1020		
Third Dals "	1076	1128		
Maxon Sand	1160	1210		DATE TAKEN
Big Lime	1635	1700		10-14-08
Big Injun	1700	1760		Gas from 10-17-
Berea Sand	1876	1896		
London Sand	2197	2209		
Gas	2200		1/2 m. 4" fig	
Total Depth		2211		
				YEAR. JA
				1908
				1909 8.
				19
				19
				19
				19
				19
				19
				19
				19
				REMARK

WELL RECORD.

Eva C. Hurst Farm 30 Acres
Coal District Marion County W.V. State
 Well No. 758 7968

Rig Commenced.....190.....
 Rig Completed.....190..... } R.H. Co. - W.N. Steinfeld Contractor.
 Drilling Commenced Sept 7 1908 }
 Drilling Completed Oct 10 1908 } C.A. Murrain Contractor.

ROCK FORMATION.	TOP	BOTTOM.	REMARKS.
Conductor		16	
Pittsburg Coal	70	76	
Little Dunkard	400	430	
Big Dunkard	650	680	
Gas Sand	750	820	
First Salt Sand	870	910	
Second Salt Sand	940	1020	
Third Salt Sand	1076	1128	
Marion Sand	1160	1210	
Big Limer	1635	1700	
Big Limer	1700	1760	
Beech Sand	1876	1896	
Gordon Sand ✓	2197	2209	
Gas	2200		
Total depth		2211	2211 70 2141 Bottom.

J. D. Simpson } Driller
J. S. McCutcheon }
R. L. Lane } Tool dresser.
Ben Welsh }

Shut-in on 6" casing
 with 4" connections.

ENTERED
WELL BOOK <u>7968</u>
LEASE RECORD
LEASE DOCKET
WELL MAP <u>Oct 11-12-13</u>
WORKING MAP
LOCATION BOOK

CASING RECORD.

Size.	Charged to Well.		Put in Well.		Pulled Out.		Left in Well.		Transferred Before Completion.		Left at Well, Not in Use.	
	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.
10	184		153		-		153		-		31	
8 1/4	1216		1098		-		1098		-		118	
6 3/8	1873	6	1766		-		1766		-		107	6
							3017					

Production }
 First 24 hours }

Approved by

J. J. Logue
 Supt.

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Proof—Sum of Three right hand columns equals First or "Charged to Well."
 Use as many sheets as necessary to make a complete record.
 In making out this record please use copying ink or an indelible pencil.

RESERVE GAS COMPANY
LOCATION FOR WELL No. 138
No. 138
No. 60

RESERVE GAS COMPANY.

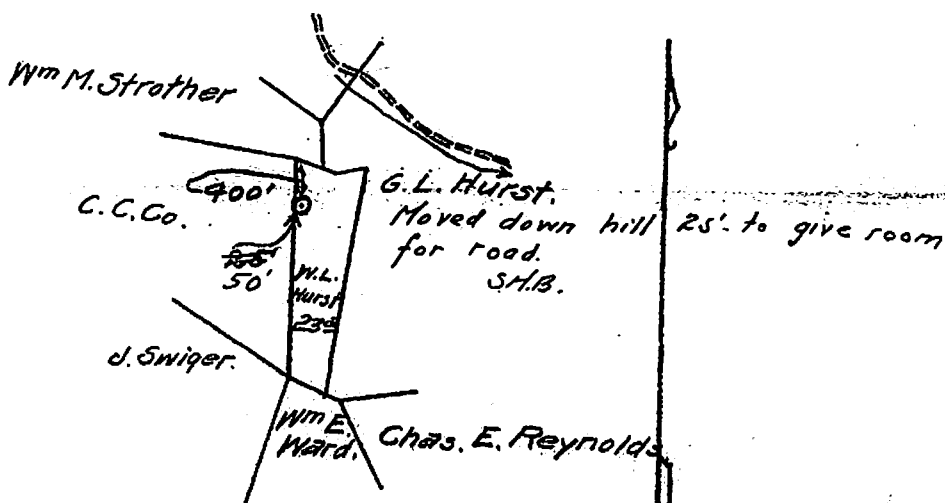
LOCATION FOR WELL No. 138

DISTRICT

On Genl E. Hurst Farm, on waters of Limestone Creek
Coal District, Harrison County, West Virginia.

Lease No. 440 Acres 30. Range: N. 10 S. 11 W.

Scale 1" = 80 Poles. Made _____ 19__



LOCATION MADE 8/12 1908
 BY S.H.B.
 As per plat. Except as noted
 On Field Map JULY 13 1908
 Returned to Pittsburg Aug 2 1908

RESERVE: None

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SPECIAL INSTRUCTIONS: Complete in
before October 25 1908.

WV Department of Environmental Protection
 11/21/2014

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 CNX Gas Company LLC OP Code 494458046

Watershed Limestone Run Quadrangle Wolf Summit

Elevation 1327.70' County Harrison District Coal

Description of anticipated Pit Waste: Fluids associated with the plugging of existing gas wells

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

*SDW
10/16/2014*

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 Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste returns)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

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 Kelly Eddy

Company Official (Typed Name) Matt Imrich

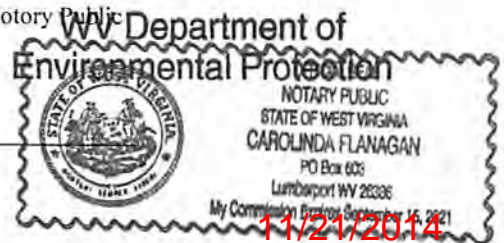
Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operations

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14
OCT 22 2014

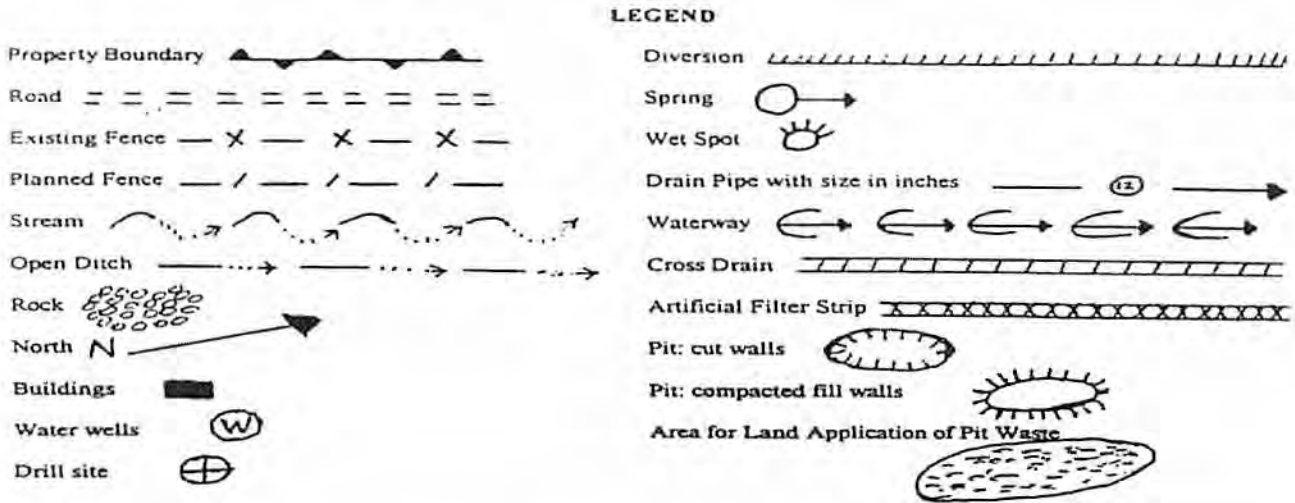
Subscribed and sworn before me this 20TH day of OCT., 2014

Caroline J.

Notary Public



My commission expires 9/15/2021



Proposed Revegetation Treatment: Acres Disturbed 1.00 acres Prevegetation pH 6.5
 Lime according to pH test Tons/acre or to correct to pH 7.0
 Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)
 Mulch hay or straw @ 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Orchard Grass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10

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

Plan Approved by: [Signature]

Comments: _____

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Title: Oil & Gas Inspector Date: 10/16/2014 OCT 22 2014

Field Reviewed? () Yes (X) No

WV Department of
 Environmental Protection

11/21/2014

LAND SURVEYING SERVICES

Stephen D. Losh, PS J. Michael Evans, PS 21 Cedar Lane Bridgeport, WV 26330
Phone & Fax (304) 842-2018 or 842-5762 sdlosh@frontier.com

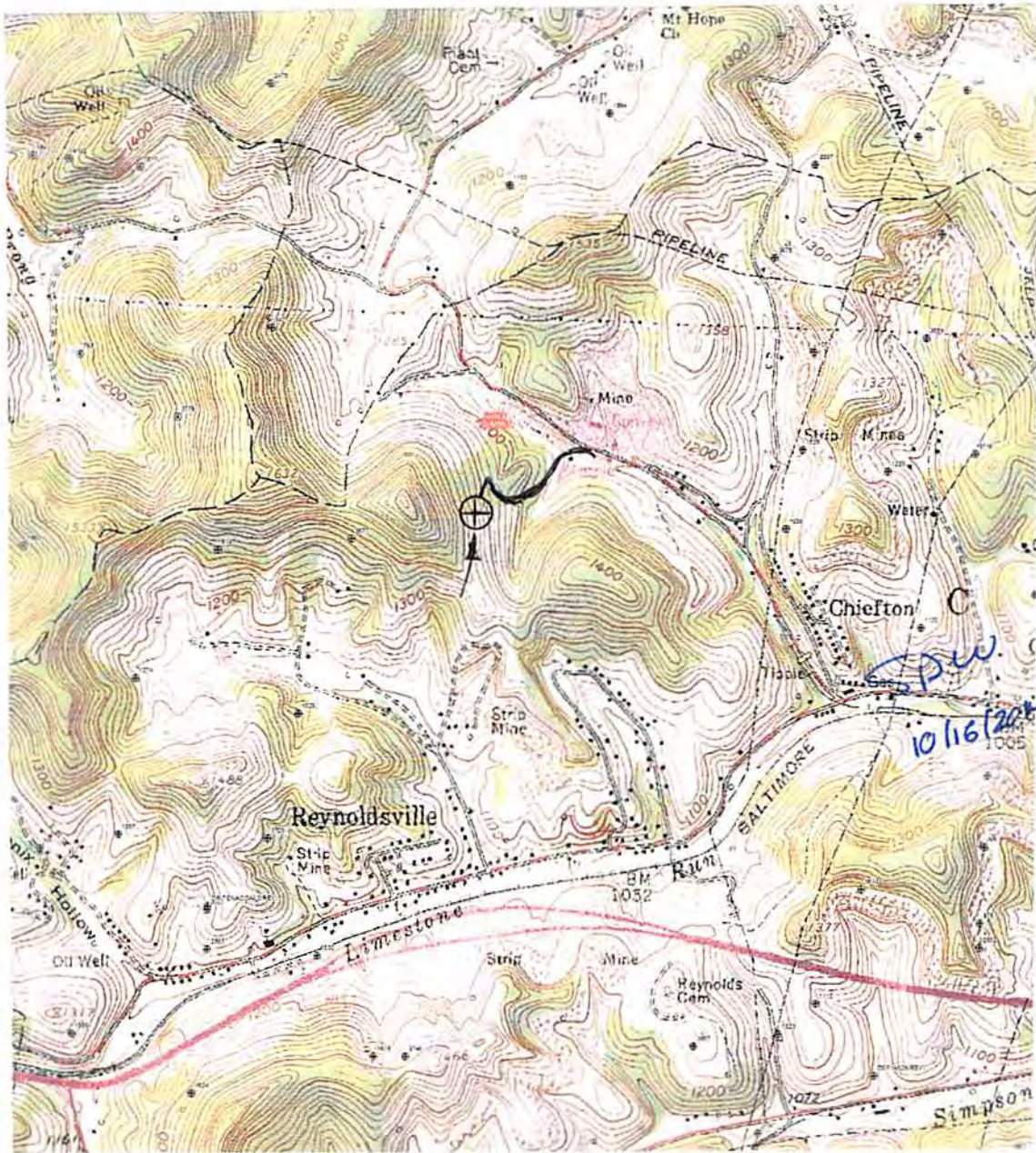
July 29, 2014

DRIVING DIRECTIONS FOR 7047

From the junction of County Route 11 and County Route 7 (Katy Lick – Sardis Road) at Chiefton, proceed north on County Route 7 towards Sardis for 0.80 of a mile and turn left on the well road.

Nearest Fire Station: Reynoldsville

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11/21/2014



DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

P. O. BOX 1248

JANE LEW, WV 26378

WATERSHED: LIMESTONE RUN

DISTRICT: COAL COUNTY: HARRISON

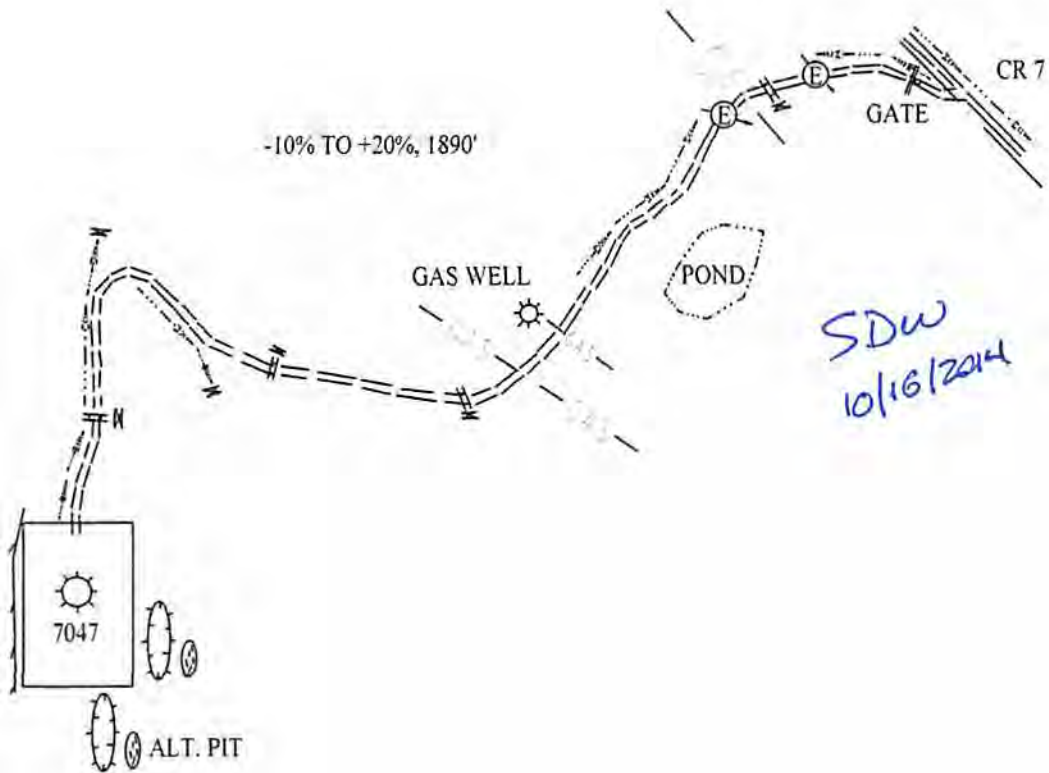
QUADRANGLE: WOLF SUMMIT WELL NO: 7047

DATE: 07/29/14 PAGE 1 of 1

LAND SURVEYING SERVICES
 21 CEDAR LANE
 BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 5762

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 Office of Oil and Gas
 WV Department of Environmental Protection
 11/21/2014

THIS PLAN IS FOR THE PLUGGING OF AN EXISTING WELL. ENTIRE LENGTH OF ACCESS IS EXISTING WELL ROAD. ROCK WILL BE USED WHERE NECESSARY.



SDW
10/16/2014

DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY LLC	
P. O. BOX 1248	
JANE LEW, WV 26378	
WATERSHED:	Office of Oil and Gas
DISTRICT:	COAL
COUNTY:	HARRISON
QUADRANGLE:	WOLF SUMMIT
DATE:	07/29/14
RECEIVED WV Department of Environmental Protection OCT 22 2014 PLANNING: 7047 PAGE ___ of ___	

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 5762

11/21/2014



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-033-01527 WELL NO.: 7047
FARM NAME: W. L. HURST
RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC
COUNTY: HARRISON DISTRICT: COAL 3
QUADRANGLE: WOLF SUMMIT 7.5 MIN. 692
SURFACE OWNER: CARL LEE GALLO
ROYALTY OWNER: APPALACHIAN ROYALTIES, INC., ET. AL.
UTM GPS NORTHING: 4,350,187.97 METERS
UTM GPS EASTING: 548,694.91 METERS GPS ELEVATION: 404.69 METERS

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit 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 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

I the undersigned hereby state this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulation issued and prescribed by the Office of Oil and Gas.

Signature 
Stephen D. Losh, PS #674

Title WV Professional Surveyor #674

Date 07/29/14

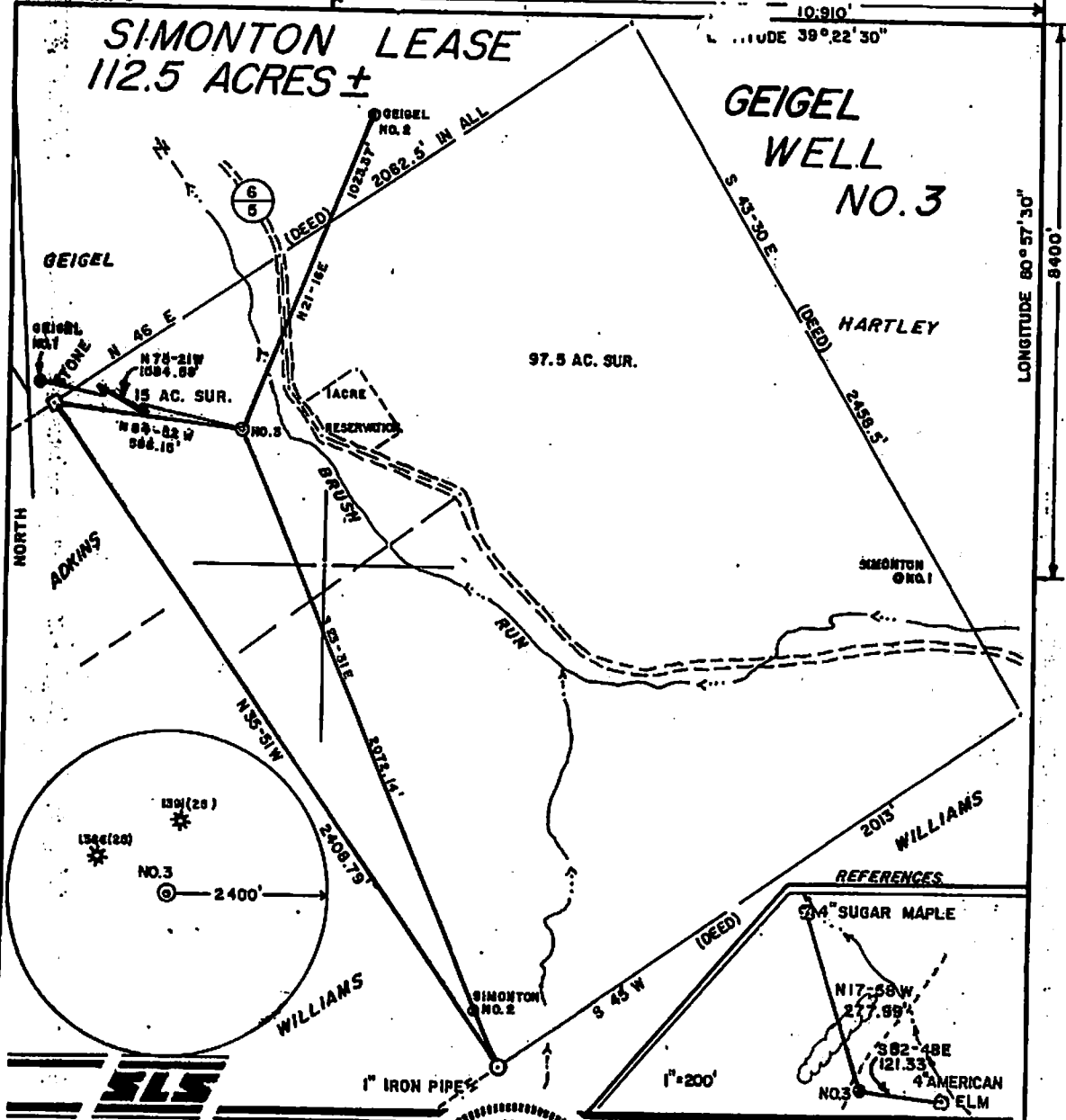


CNX USE: NAD 27 WV NORTH SPC: 7047 = 292,614.47' 1,735,273.91' ELEV. = 1327.70'

WV Department of Environmental Protection
11/21/2014

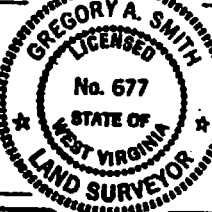
SIMONTON LEASE
112.5 ACRES ±

GEIGEL WELL NO. 3



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 ENERGY.

L.L.S. *Gregory A. Smith*
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE SEPTEMBER 6, 19 90
 OPERATORS WELL NO. GEIGEL NO. 3
 API WELL NO. 47 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2395 (32-40)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1093' SCALE 1" = 400'

STATE OF WEST VIRGINIA RECEIVED
 DEPARTMENT OF Office of Oil & Gas
 OIL AND GAS DIVISION
 OCT 22 2014

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

LOCATION: ELEVATION 813' WATERSHED BRUSH RUN
 DISTRICT MEADE COUNTY TYLER
 SURFACE OWNER NAOMI M. GEIGEL (WIDOW) QUADRANGLE PENNSBORO T.S.
 ROYALTY OWNER NAOMI M. GEIGEL ET AL ACREAGE

PROPOSED WORK: LEASE ACREAGE 15 OF 112.5 LEASE NO.
 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 Brush Run
 ESTIMATED DEPTH 2300'

WELL OPERATOR CHESTERFIELD ENERGY CORP DESIGNATED AGENT SAMUEL J. GANN
 ADDRESS 203 W. MAIN ST., CLARKSBURG, WY 26301 ADDRESS 203 W. MAIN ST., CLARKSBURG, WY 26301

11/21/2014



Carolinda Flanagan
Permitting Analyst
P.O. Box 1248
Jane Lew, WV 26378
(304) 884-2131



October 20, 2014

West Virginia Department of Environmental Protection
Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

RE: Well to be Plug and Abandoned: 7047

To Whom it May Concern,

Enclosed, please find the following plugging permit for your review and consideration:

- 7047 – API #47-033-01527

Should you need any further information, please contact me at (304) 884-2057 or by email at carolindaflanagan@consolenergy.com. Thank you!

Sincerely,


Carolinda Flanagan

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Office of Oil and Gas

OCT 22 2014

WV Department of
Environmental Protection

11/21/2014