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

August 22, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-2100969, 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 penalities 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: 9839
Farm Name: BENNETT, LOUIS
API Well Number: 47-2100969
Permit Type: Plugging
Date Issued: 08/22/2014

Promoting a healthy environment.

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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

WW-4B
Rev. 2/01

1) Date 7/9, 20 14
2) Operator's Well No. 9839
3) API Well No. 47- 021 - 00989

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 807.85' Watershed Bear Fork
District Center County Gilmer Quadrangle Millstone

6) Well Operator CNX Gas Company LLC
Address P.O. Box 1248
Jane Lew, WV

7) Designated Agent Matt Imrich
Address P.O. Box 1248
Jane Lew, WV

8) Oil and Gas Inspector to be notified
Name Bryan Harris
Address P.O. Box 157
Volga, WV 26238

9) Plugging Contractor
Name See Attached
Address

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.

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Work order approved by inspector Bryan D. Harris Date JUL 11 2014

WV Department of
Environmental Protection

Plugging Work Order for Permit 47-021-00969

Well Number 9839

1. Check TD of open hole est. 1749'
2. Attempt to pull 7.00", if unable to pull, run free point and cut casing just above free point and remove from well
3. T.I.H. with 2.375" tubing to TD 1749'
4. Cement plugs: 1500 - TD Production
   750 - 920 Elevation and water @ 867'
   0 – 200 Surface
5. Install monument (Note: All gel spacers 6% Class A Cement)

Gas

B.O.H. - Cement plug across casing cut if needed

7-1-14

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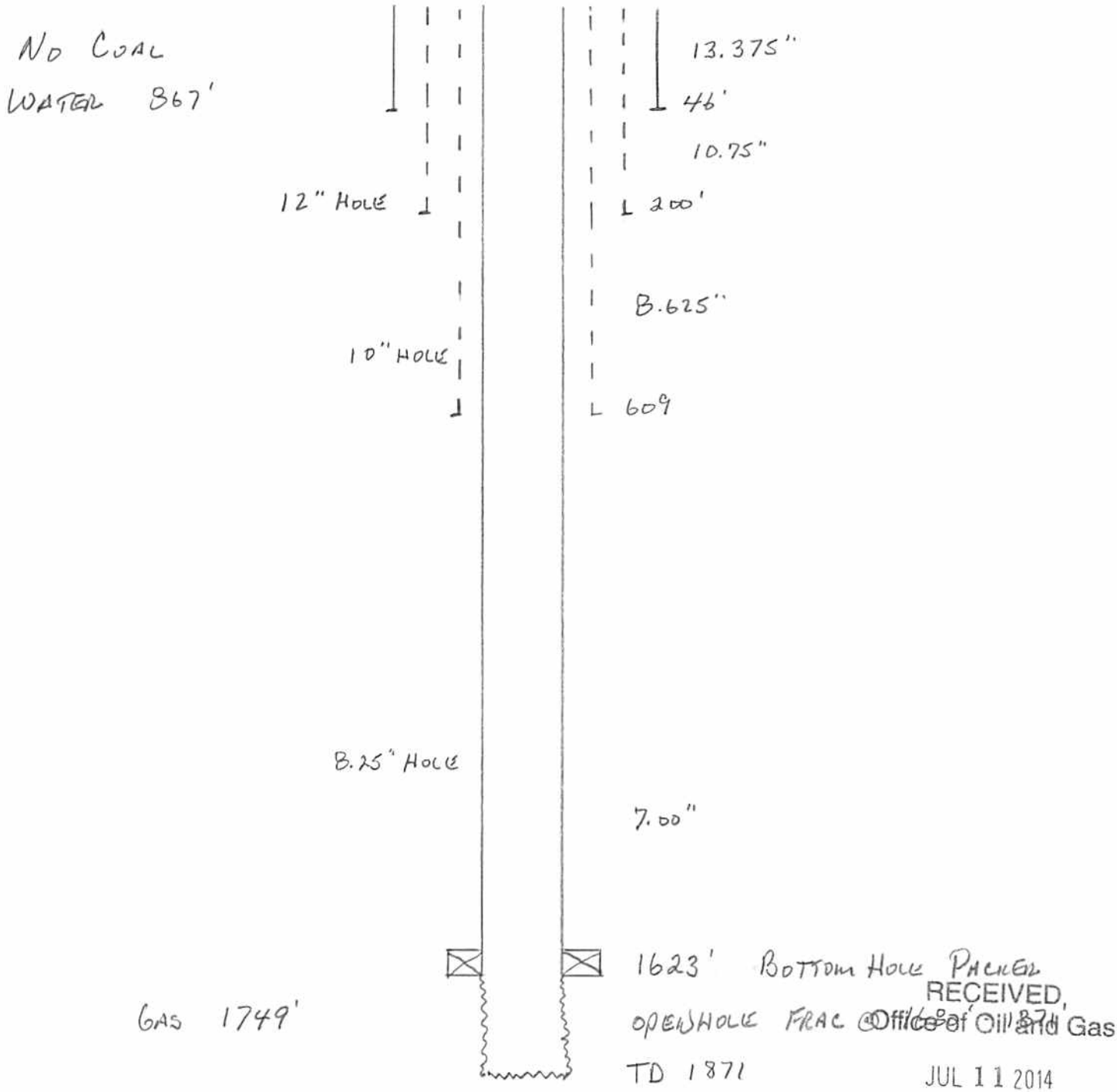
21-969P

WN 9839

PERMIT 47-21-969

ELEV. 802'



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21-9698

Attachment – Form WW-4B:

Potential Plugging Contractors:

Yost Drilling
313 Steel Hill Rd.
Mount Morris, PA 15349

Viking Well Service
8113 Sissonville Drive
Sissonville, WV 25320

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

Waco
P.O. Box 397
Glenville, WV 26351

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Arnoldsburg

WELL RECORD

Permit No. GIL-969

Oil or Gas Well Gas (KIND)

Company Hope Natural Gas Company
Address 445 West Main St. Clarksburg, W. Va.
Farm Louis Bennett Acres 19,500
Location (waters)
Well No. 9839 Elev. 802'
District Center County Gilmer
The surface of tract is owned in fee by
Address
Mineral rights are owned by
Address
Drilling commenced Sept. 3, 1953
Drilling completed Sept. 25, 1953
Date Shot 9-28-53 From 1746 To 1765
With 90 Qts.
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 70 M Cu. Ft.
Rock Pressure 320# lbs. hrs.
Oil None recorded bbls., 1st 24 hrs.
Fresh water 20' feet feet
Salt water 867' feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13	46	46	
10	200	XXXX	Size of
8¼	609	XXXX	
6⅝	1623	1623	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date
No cementing done
COAL WAS ENCOUNTERED AT None recorded FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			0	17			
Gravel			17	21	Water	20	Hole full
Slate			21	28			
Red Rock			28	107			
Lime			107	120			
Sand			120	136			
Red Rock			136	222			
Slate			222	240			
Sand			240	278			
Slate			278	337			
Red Rock			337	380			
Slate			380	395			
Red Rock			395	434			
Slate & Shells			434	497			
LITTLE DUNKARD			497	514			
Slate & Shells			514	596			
BIG DUNKARD			596	686			
Slate			686	706			
GAS SAND	(Break at 721 & 867)		706	964	Water (salt)	867'	
Slate			964	992			
X 1st SALT	(Break at 1019)		992	1068			
Slate & Shells			1068	1335			
X 3rd SALT			1335	1354			
Slate & Shells			1354	1470			
X MAXON SAND			1470	1537			
Slate			1537	1547			
X LITTLE LIME			1547	1568			
Slate			1568	1572			
X BLUE MONDAY			1572	1594	Gas	1584	Show
Pencil cave			1594	1607			
X BIG LIME			1607	1705			
X BIG INJUN			1705	1770	Gas	1749 -55	
Lime			1770	1790			
Slate & Shells			1790	1871			
Total Depth				1871'			

OCT 1953 WEST VIRGINIA DEPARTMENT OF MINES

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(Over)

FORM 124 BLANK 1M-4-52

Record of Hope Natural Gas Company N. S.44 E. W.23 Acres 19,500

Well No. 9839 Lease No. 28170 Name Louis Bennett District Calhoun

District Center County Gilmer State West Virginia

Location Made 7-29-53 (CHGD. 8-3-53) First Work Done July 26, 1953

Rig Commenced (Elev. 802±) Rig Completed

Drilling Commenced September 3, 1953 Drilling Completed September 25, 1953

Rig Contractor C. F. Engel Drilling Company Drilling Contractor / If H.N.G.Co. Tools. String No. C. F. Engel Drilling Company

Drillers Orville Leach, Thurl Morris Tool Dressers Orbin McCartney, General Duffield

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurement	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Sand Yellow		0	17					
Creek Gravel		17	21					
Slate		21	28		20 Fresh			Hole full
Rock Red		28	107					
Lime Blue		107	120					
Sand		120	136					
Rock Red		136	222					
Slate		222	240					
Sand		240	278					
Slate		278	337					
Rock Red		337	380					
Slate		380	395					
Rock Red		395	434					
Slate & Shells		434	497					
LITTLE DUNKARD SAND		497	514					
Slate & Shells		514	596					
BIG DUNKARD SAND		596	686	609				
Slate		686	706					
Gas Sand		706	721					
Slate & Shells Break		721	831		867 Salt			1½-8" Bailer over Sunday
Gas Sand		831	867					
Slate & Shells Break		867	945					
Sand, Gas		945	964					
Slate Black		964	992					
Salt Sand First		992	1019					
Slate Break		1019	1029					
First Salt Sand		1029	1068					
Slate & Shells		1068	1335					
3RD SALT SAND		1335	1354					
Slate & Shells		1354	1470					
MAXON SAND		1470	1537					
Slate		1537	1547					
LITTLE LIME		1547	1568					
Slate		1568	1572				1584	Show
BLUE MONDAY		1572	1594					
Pencil Cave		1594	1607					
BIG LIME		1607	1705	1623			1749-55	70/10 W ½"FM 16-M
BIG INJUN SAND		1705	1770	1756				
Lime Blue		1770	1790					
Slate & Shells		1790	1871					
TOTAL DEPTH			1871					
Drlg. Comp. 9-25-53								

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Total Depth

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Steel Line Measurem't		Left at Well Not in Use		If more than two strings of casing are left in hole, give reasons for leaving additional strings.
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13-3/8	66	-	46	-	None		46	-			45 X	-	18	-	48#
10-3/4	294	-	203	-	"		203	-	Pulled		200	-	91	-	32.75#
8-5/8	844	-	620	-	"		620	-			609	-	224	-	24 #
7	1973	-	1644	-	"		1644	-			1623 X	-	#2 297 #3 32	-	20
											X in Well				

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
10 x 8¼"	Packer BH	Steel Line Set	at 609'	No amount of cement or aquagel used
8¼ x 6-5/8"	Packer BH	" " "	" 1623'	" " " " " " "

SHOOTING RECORD (IF SHOT BEFORE OR UPON COMPLETION OF WELL)

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		
				Preparing for Shot									

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....

Top Pittsburgh Coal..... Top Cementing..... Amount Cement Used.....

Bottom Pittsburgh Coal..... Bottom Cementing..... Amount Sand Used.....

Mr..... of..... Coal Company on ground when coal was cemented.

Remarks: No Cementing Done..... Signature of persons who cemented well

.....

Approved A. R. Wolfe.....
District Superintendent.

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WELL No. 9839 NAME Louis Bennett LEASE No. 28170 ACRES 19.500 N. S. 44 E. W. 23 DISTRICT Calhoun

District Center
County Gilmer
Permit Granted Aug. 17th. 53 Changed 8-3-53
Located July 29-53
Commenced July 26th. 1953
Completed Sept. 25th. 53
Contractor Chas. O. Engel et al # 2.85
Purchased from Per Foot
Date Purchased 47-021-969
Date Shut In
Date Connected 10-22-53
Date Turned on 10-22-53 Off
Date Disconnected
Sold to
Date Sold
Date Re-Purchased
Date Plugged
Plug Cert. Sent D. of M.
Date Abandoned
Elevation 802'

RECORD

FORMATION	TOP	BOTTOM	OIL AT	GAS AT	WATER AT	FRESH OR SALT
					20'	20'
Little Dunk.	497'	514'				
Big Dunk.	596'	686'				
Gas Sand	706'	964			867'	
1st. Salt	992'	1068				
3rd. "	1335'	1354'				
Maxon	1470'	1537'				
Little Lime	1547'	1568'				
Blue Monday	1572'	1594'		show 1584'		
Pencil Cave	1594'	1607'				
Big Lime	1607'	1705				
Injun	1705'	1770'		1749-55		

Total Depth 1871'

CASING AND TUBING

SIZE	PUT IN WELL	PULLED	CEMENTED
13 3/8" in. Casing S.L.	48'		Date
10 3/4" in. Casing S.L.	200'	200'	Size Casing
8 5/8" in. Casing S.L.	609'	609'	Top Ft.
7 in. Casing S.L.	1623'		Bottom Ft.
in. Casing			
2 3/8" in. Tubing S.L.	1680'	1680'	
in. Tubing			

SHOOTING

DATE	QTS.	SAND	VOLUME BEFORE	VOLUME AFTER
9-28-53	Tamp. 90	Injun	14,000	69,000
10-19-54	5500 gal-Kin. Hydrof.	"	27,000	47,629

VOLUME AND PRESSURE TESTS

DATE TAKEN	READING	LIQUID	OPENING	POUNDS PRESSURE	1 MIN.	5 MIN.	10 MIN.	30 MIN.	60 MIN.	ROCK	VOLUME	SAND
Sept. 23 1953	70/10	Water	1/2" F.M.								15,745	Injun
" 28 "	53/10	"	1/2"								13,711	"
Oct. 16 "	20/10	Merc.	3/4		5	13	23	57	90	24 Hrs 355	69,900	"
May 1954	Feeding line				Defective						27,000	"
Oct. 29 "	39/10	Water	1" F.M.		While C.O.						47,030	"
Nov. 12 "	34/10	"	1" F.M.				"	"			43,732	"
" 19 "	40/10	"	1" F.M.		0	0	5	17	35	24-Hrs 250#	47,629	"

PACKERS

SIZE	MAKE	SET AT
10"X8 1/4"	B.H. Pulled	609'
8 1/4"X6 5/8"	B.H. Pulled	1623'
6 5/8"X2"	Upside-Down	1680

INITIAL OIL PRODUCTION

DATE	BARRELS	SAND

ESTIMATED DBL. WELL

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WV Department of Environmental Protection

Form 466 500-11-50

HOWCO 973-R-1 HALLIBURTON OIL WELL CEMENTING COMPANY SANDEFER 3954 10M 11-52

HYDRAFRAC* SERVICE ORDER AND PRE-TREATMENT DATA

District Parkersburg, W.Va. Date 10-18-54

Time Signed 9:30 A.M. ~~P.M.~~

To HALLIBURTON OIL WELL CEMENTING COMPANY:

You are hereby requested to rent equipment to, and furnish servicemen to deliver and operate the same under the exclusive direction, supervision and control of

Hope Natural Gas Co.
WELL OWNER OR CONTRACTOR
Grantsville, W.Va.

and deliver and sell materials for the purpose of treating with Hydrafrac Service.

TYPE OF HYDRAFRAC JOB			
BASIC	✓	ACID COMBINATION	
SAND-PAC			

Owned By Hope Natural Gas Co.

Well No. 9839 Lease Bennett

Field _____ County Gilmer State W.Va. Date Completed 9-25-53

Pay Formation Injun Initial Production 37 M Original TD 1871' TD at Treatment 1770'

Production Interval 1749-1755' Average Perm: Horizontal _____ Vertical _____

Formation Pressure _____ psi. No. Perforations and Interval _____

Intervals to be Treated 1749' 1755'

Production Casing Size 7" Wt. 20# Grade J55 From 0 To 1623' Hole Size 8¼"

Sacks Cement None Cement Top Calculated _____ Cement Top Actual _____

Liner From _____ To _____ Hole Size Set In _____

Liner Size _____ Wt. _____ Grade _____ Sacks Cement _____

Rotary Tools From _____ To _____ Cable Tools From 0 To 1871'

Type Drilling Fluid at Completion Water Open Hole Diameter _____

Well Producing By: Flowing _____ Gas Lift _____ Pumping _____

Tubing Size 2 3/8" o.d. Thread 10R. Wt. 4.6 Grade J55 Set At 1680'

Special Production Devices in Tubing Parkersburg Machine Packer

Previous Workovers and Remarks _____

Production

Date	Oil, Bbls./Day	Water, Bbls./Day	Gas, MCF/Day	G. O. R.	PI

Equipment Ordered

Number and Type Trucks 2 FWD AC Mons.

Other Equipment _____

Materials Ordered

Gelling Agent ~~500~~ 250 gals./lbs. Breaker Fluid Agent 10 gals./lbs. Propping Agent ~~3000~~ 2000 lbs.

Other Material _____

As consideration, the above named (well owner or contractor) agrees: (a) to pay you in accordance with your current price schedule; (b) that you shall not be responsible for damages of any kind occasioned by or incident to the use of the equipment or materials or resulting from any act or omission of any of your employees or any other person in any way connected with treatment of said well; (c) to indemnify and hold you harmless from all claims damages of any kind occasioned by or incident to the use of the equipment or materials or resulting from any act or omission of any of your employees or any other person in any way connected with treatment of said well; (d) that you make no guarantee of the effectiveness of the materials to be used nor of the results of treatment; and (e) that you will not be bound by any representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workmen's compensation statutes applicable to servicemen you furnish.

(This order must be signed before work is commenced.)

Attach to Hydrafrac Ticket No. 36191H

Customer's Copy * Reg. U.S. Pat. Off.

Hope Natural Gas Co.
WELL OWNER OR CONTRACTOR

BY [signature]
HIS AGENT

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Office of Oil and Gas
JUL 11 2014

WV Department of Environmental Protection

HOWCO 972-R-1

HALLIBURTON OIL WELL CEMENTING COMPANY

HYDRAFRAC* SERVICE TICKET

SANDEFER 3969 10M 1-8:

Date 10-18-54 Place Bear Fork Customer's Order No.

Well No. 839 Lease Bennett Sec. T. R. County Gilmer State W.Va.

CHARGE TO: Hope Natural Gas Co. Well Owner same

City Grantsville State W.Va. Contractor Co. Tools

TYPE OF HYDRAFRAC JOB:

BASIC	✓	ACID COMBINATION	
SAND-PAC			

Truck Called Out (Date 10-17 1954) 5:00 AM PM

On Location (Date 10-18 1954) 9:00 AM PM

Job Began (Date 10-18 1954) 10:00 AM PM

Job Completed (Date 10-18 1954) 12:30 AM PM

No. Fractures: 1 At Intervals of 1749' - 1755'

Fluid to Fill Well: Type Kerosene

Gel Fluid: 1600 Gals./Bbl. Type Nuogel

Spacer Fluid: Gals./Bbl. Type "

Breaker Fluid: 40 Gals./Bbl. Type HB2

Displacing Fluid: 19 Gals./Bbl. Type "

Type Breaker Agent VB1 Other: Type Amount 6 gts.

Total Fluid Pumped Beginning with Gel 97 Cubic Ft./Bbl.

Breakdown Pressure From 1800 Psi to 600 Psi

Maximum Treating Pressure 1150 Psi

Minimum Treating Pressure 600 Psi

Final Pressure 100 Psi

Total Pump Time 17 min.

Average Pumping Rate 235 GPM

Propping Agent 2940 lbs.

Gel Agent 250 lbs.

Breaker Agent 10 gals.

TOOLS USED: Type Size Set In Casing Wt. Open hole diameter

Maximum Depth Set No. Times Set at Depths of

Run on tbg/drill. pipe REMARKS Was Hole Calipered?

TREATING LOG

Time	Remarks	Time	Remarks
10:12	Breakdown well @ 1800#	12:12	Finish Breaker start Flush
12:00	START gel.	12:19	" Flush
12:07	Finish gel. START BREAKER	12:27	Close in well @ 100#

Price Ref.	Amount		Location	Howco Personnel
613	Base Charge 265.00	Truck No. 4079	Parkersburg, W.Va.	C.M. Bower - R. Stephen
613	Extra Truck 265.00	Truck No. 3902	"	L. Mills - J. Evans
	Extra Truck	Truck No.		F. Hardesty
	Extra Truck	Truck No.		
	Tools	Tool No.		
656	Gel Agent 200.00	Pounds 250 lbs @ .80		
657	Breaker Agent 80.00	Gallons 10 gal. @ 8.00		
650	Prop Agent 88.45	Pounds 29 sx @ 3.05 del. from W.Va.		
602	Other Materials 24.00	process license fee		
	Successive Fractures			
	Successive Fractures			
	Other Charges			
	Total Charge 922.45			

ATTACH ATTACH ATTACH

The following information is urgently requested in order that we may be fully advised and to enable us to keep our standard of service up to the highest point:

Was operation of the Equipment satisfactory? Was the work of the crew performed in a satisfactory manner? Was the job satisfactorily completed?

Suggestions:

The above job was done under the direction, supervision and control of the owner, operator or his agent whose signature appears below:

Agent of Contractor or Operator

District Parkersburg, W.Va. State

Agent of Contractor or Operator

CUSTOMER'S COPY

№ 36191 H

* Reg. U.S. Pat. Off.

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OUTSIDE WELLS

Elev. 802'

Well No. 9839

COMPLETION REPORT

Log Book P

Quad.

Sand Map No.

Dist. Calhoun Map: N. S. 44 E. W. 23

Farm Louis Bennett

Operator Hope Natural Gas

Dist. Center County Gilmer State W. Va.

Commenced Completed 9-25-53 Depth 1871

OPEN FLOW TEST

DATE	ROCK PRESS.	VOLUME	SAND
		16 M [illegible]	[illegible]
	355 #-24hr	70 M AS.	" "

Est. Log

Lease No. 28170

CASING AND TUBING

SIZE	AMOUNT	SIZE	AMOUNT
13	45	8	609
10	200	7	1623

Form 1146 2M-4-53

Calhoun District
October 28, 1954

To B.T.Crusan,

Well No.9839 Bennett, S44 W23

7"Casing 1623; Injun sand 1705-1770; Gas 1749-55; Initial test 15-M; Total depth 1871. Shot Sept 28, 1953 from 1746-65 w/ 90-qts. Test before shot 14-M; Oct.7th, cleaned out on bottom, gas test 20/10 M ¾" FM 70-M, 36-hour rock 320#. October 18th, ran 2-3/8" tubing, 1680' on Parmaco packer; Halliburton fracture 1746-65 w/ 5506-gallons kerosene, 2900#Sand; Breakdown pressure 1800 to 600# Maximum treating pressure 1150#; Minimum treating pressure 600# final 300#. Oct. 19th, well blown, recovered 8"Kerosene; Oct.20th, pressure 20#, would not flow, ran swab to 1800, recovered 4" Kerosene; Oct.21st. Found 140#pressure, ran swab, recovered 18"Kerosene; 22'd, found 300#pressure, well flowed 9"Kerosene; Well turned into line. Oct.25th, Flowed 9"Kerosene; 26th, Flowed 3½"Kerosene, gas test then was 40/10 W 1" FM 47-M. Oct. 27th, Flowed 2½"Kerosene, gas test then was 39/10 W 1" FM . Nov. 1, started to pull tubing, completed Nov.8th. Nov.9 to 19th, cleaned out on bottom. Gas test 40/10 W 1" FM 47-M;

Pickup test	6-Min.	2#	10-Min.	5#		
	7- "	3#	15- "	8#		
	8- "	4#	30- "	17#		
	9- "	5#	60- "	35#	24-hours	250#

Suggest shut in on 7"casing. JPG/mac

Form 560 A. T. W. 6-66

TELEGRAM
NATURAL GAS
COMMUNICATIONS DEPARTMENT

Calhoun District
6-18-73

G. M. Kemper:

Well 9839, L. Bennett-Center Dist, Gilmer Co., S.44, W.23, map 54-S. Orders to clean out, log and report dated 12-15-72. Commenced cleaning out 6-11-73. Cleaned out to 1880' T.D. Gas testing 32/10 W 1/2" F.M. 10.6 mcf. Logged well 6-18-73. Analized log and determined to try new explosive fracture at a later date.

Suggest: Move off location, turn well into line.

Harold Wilson

Suggest Same:GMK

Rec: 6-25-73/Cox

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4-3408-C

Form 1165 500 4-51 LF22568 Ditto forms

HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. 9839

Calhoun DISTRICT

On Louis Bennett Farm on waters of Bear Fork

Center District, Gilmer County, West Virginia.

Lease No. 28170 Acres 19,500 N. S. 44 E. W. 23

Scale: One inch equals 1320' Instructions C Code 4 Oil-Hope Location made July 7, 1953

Location to be made Equal distance between Wells Nos. 9812 and 9831 - 2000 ft. ±, as per plat.

Date Lease 10-25-1915

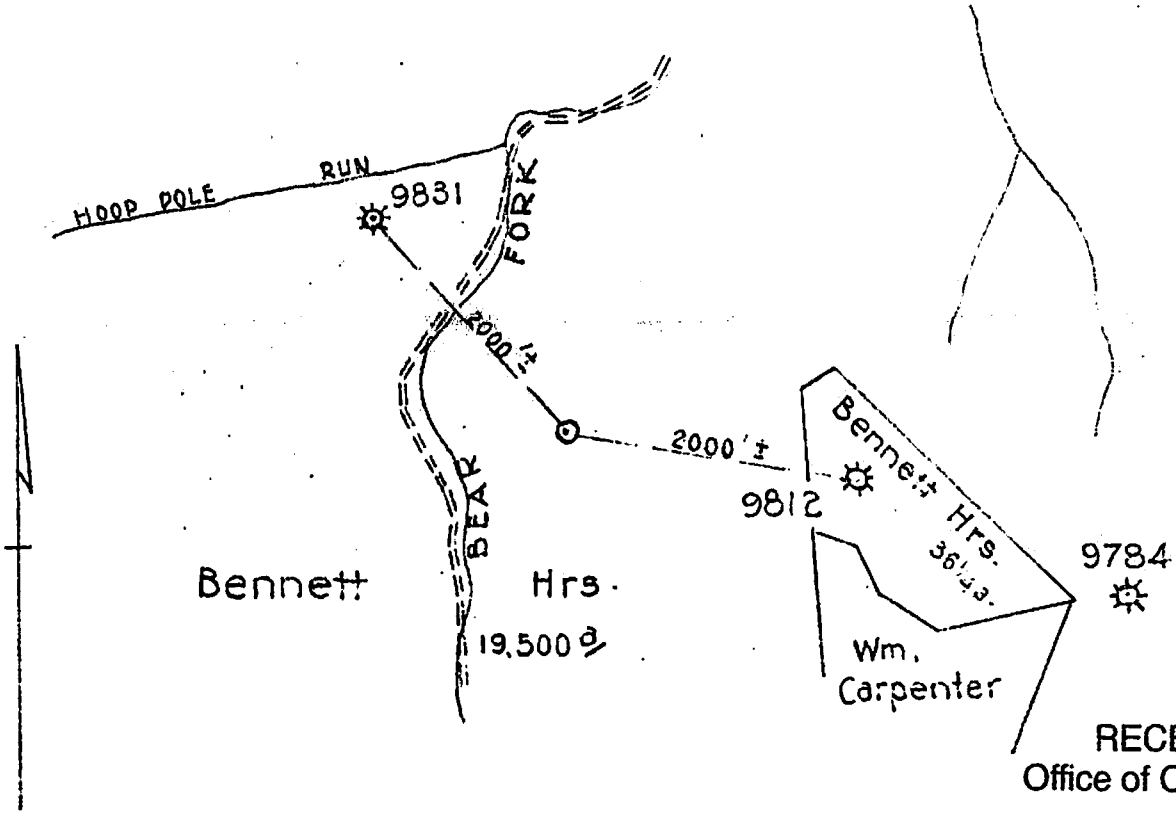
Lessors: Louis Bennett, et al

Lessee: Hope Natural Gas Co.

Recorded: 1-22-1916

Book 56 Page 246

101-54-S



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JUL 11 2014
WV Department of
Environmental Protection

WW-4A
Revised 6-07

1) Date: 7/9/2014
2) Operator's Well Number
9839

3) API Well No.: 47 - 021 - 00969 P

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Coastal Timberlands
Address: RR 3 Box 340 W
Buckhannon, WV 26201

(b) Name
Address

(c) Name
Address

6) Inspector: Bryan Harris
Address: P.O. Box 157
Volga, WV 26238
Telephone: 304-553-6087

5) (a) Coal Operator
Name: None of Declaration
Address

(b) Coal Owner(s) with Declaration
Name: Hunter M. Bennett
Address: P.O. Box 166 W
Weston, WV 26452

Name
Address

(c) Coal Lessee with Declaration
Name: None of Declaration
Address

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: CNX Gas Company LLC Kelly Eddy
By: Matt Imrich
Its: Designated Agent - District Operations Superintendent, WV Gas Operations
Address: P.O. Box 1248
Jane Lew, WV 26378
Telephone: 304-884-2131 - Kelly Eddy, Permitting Supervisor

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
CAROLINDA FLANAGAN
PO Box 603
Lumberport WV 26386
My Commission Expires September 15, 2021

Subscribed and sworn before me this 9th day of July 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 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 depprivacyoffier@wv.gov.

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7012 1010 0003 0013 3628

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Postage	$ 1.92
Certified Fee	3.10
Return Receipt Fee (Endorsement Required)	2.55
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 7.57

JANE LEW WV DEC 13 Postmark Here 26378

Sent To: Coastal Lumber Company
Street, Apt. No.; or PO Box No.: % Coastal Forest Resources Company
P.O. Box 709
City, State, ZIP+4: Buckhannon, WV 26201
P&A – Well 9839 – Surface Owner

PS Form 3800, August 2006 See Reverse for Instructions

7012 1010 0003 0013 0870

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Postage	$ 1.92
Certified Fee	3.10
Return Receipt Fee (Endorsement Required)	2.55
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 7.57

JANE LEW WV DEC 13 2013 Postmark Here 26378

Sent To: Hunter M. Bennett
Street, Apt. No.; or PO Box No.: P.O. Box 166
City, State, ZIP+4: Weston, WV 26452
P&A – Well 9839 – Coal Owner

PS Form 3800, August 2006 See Reverse for Instructions

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21-969P

SURFACE OWNER WAIVER

Operator's Well Number 9839

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.

_____ Date _____
Signature

FOR EXECUTION BY A CORPORATION

Name CONSTAL TIMBERLANDS COMPANY
By EDWARD G. KRAYNOK
Its VICE PRESIDENT Date 1/10/2014

Signature Edward G. Krayuk Date 1/10/2014

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WV Department of Environmental Protection

WW-4B

API No. 47-021-00969 P
Farm Name Louis Bennett
Well No. 9839

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 then 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: 12/27/13

Hunter M. Bennett Jr.
By: _____
Its _____

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WW-9
Rev. 5/08

API Number 47 - 021 - 00969
Operator's Well No. 9839

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 Bear Fork Quadrangle Millstone

Elevation 807.85' County Gilmer District Center

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

Will a synthetic liner be used in the pit? Yes - 20 ml.

Proposed Disposal Method For Treated Pit Wastes:

_____ Land Application
_____ Underground Injection (UIC Permit Number_____)
_____ Reuse (at API Number_____)
X Off Site Dispposal (Supply form WW-9 for disposal location)
X Other (Explain Disposal: Meadowfill, Northwestern Landfill, Max Environmental Yukon Landfill and Bulger Landfill

Proposed Work For Which Pit Will Be Used:

_____ Drilling _____ Swabbing
_____ Workover X Plugging
_____ Other (Explain_____

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

Subscribed and sworn before me this 9th day of July, 20 14

Carolinda Flanagan
Notary Public

My commission expires 9/15/2021

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OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
CAROLINDA FLANAGAN
PO Box 603
Lumberport WV 26386
My Commission Expires September 15, 2021

Form WW-9

21-969

Operator's Well No. 9839

LEGEND

Property Boundary
Road
Existing Fence
Planned Fence
Stream
Open Ditch
Rock
North N
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 .50 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: Bryan O'Hara

Comments:

Title: Oil + Gas Inspector Date: 7-1-14

Field Reviewed? ( ) Yes (X) No

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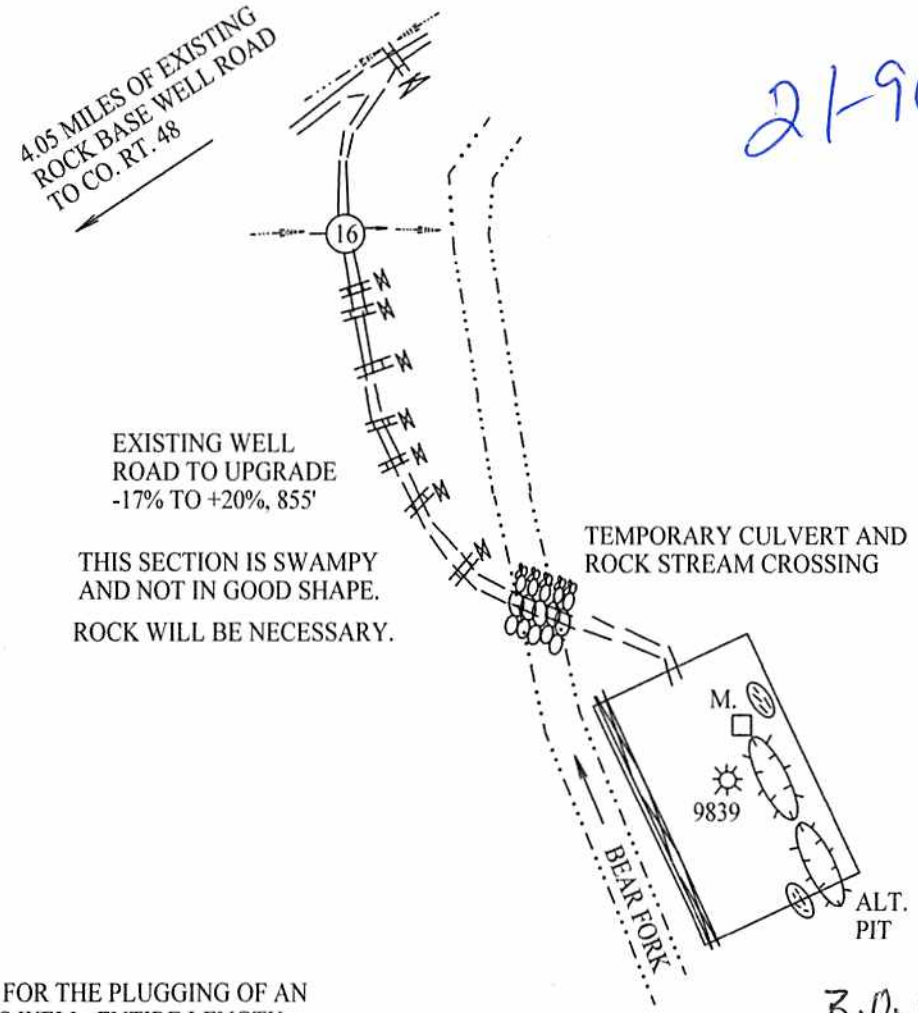
21-969P



B.O.H.
7-1-14

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

BE ALERT FOR BURIED GAS LINES.

DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

P. O. BOX 1248

JANE LEW, WV 26378

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Environmental Protection

WATERSHED: BEAR FORK

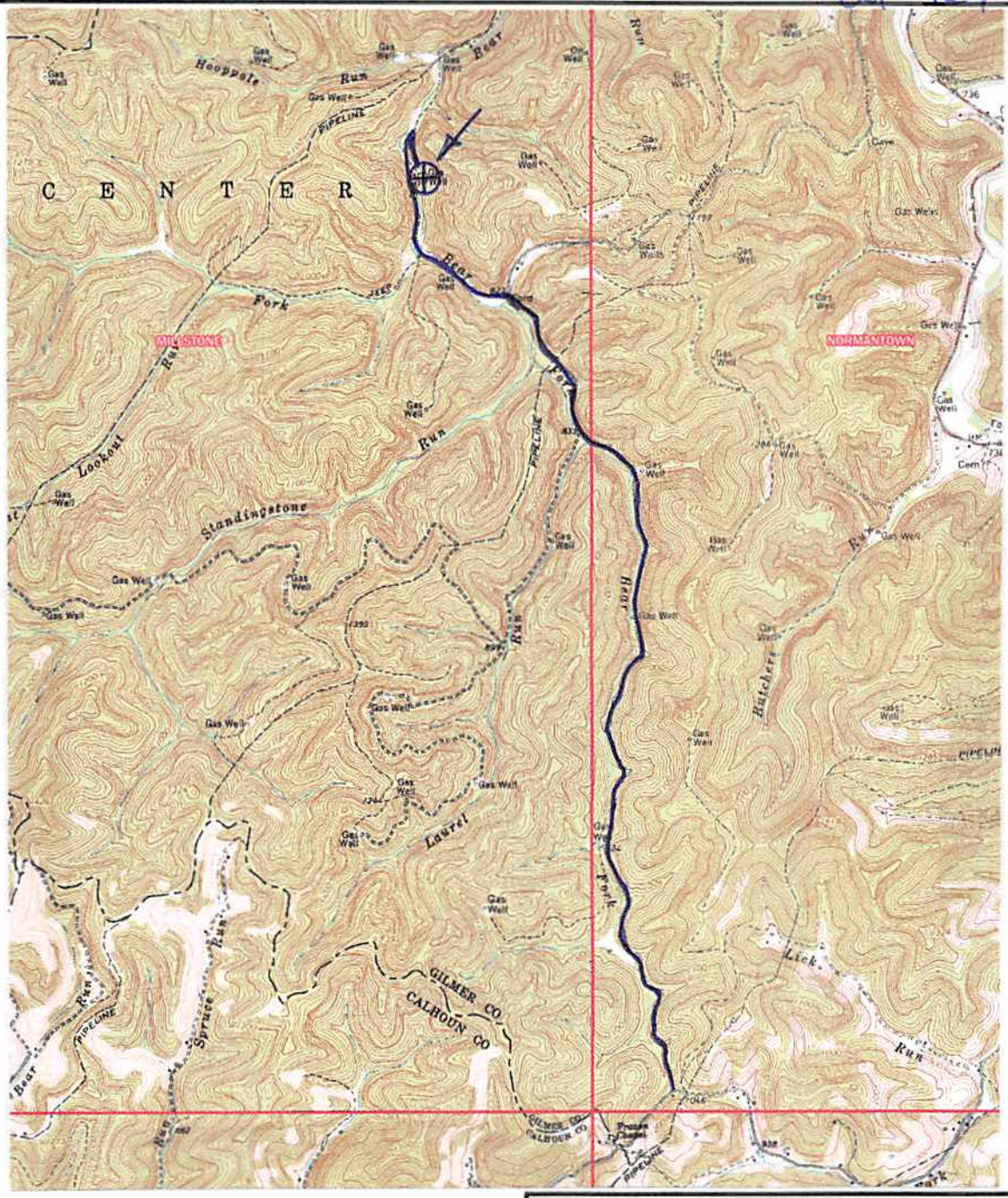
DISTRICT: CENTER **COUNTY:** GILMER

QUADRANGLE: MILLSTONE **WELL NO.:** 9839

DATE: 05/20/13 **PAGE** ____ **of** ____

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

21-969



DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

P. O. BOX 1248

JANE LEW, WV 26378

WATERSHED: BEAR FORK

DISTRICT: CENTER **COUNTY:** GILMER

QUADRANGLE: MILLSTONE **WELL NO.:** 9839

DATE: 05/20/13 **PAGE** ___ of ___

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

WW-7
5-02

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

API: 47-021-00969 WELL NO.: 9839

FARM NAME: LOUIS BENNETT

RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC

COUNTY: GILMER DISTRICT: CENTER

QUADRANGLE: MILLSTONE 7.5 MIN.

SURFACE OWNER: COASTAL LUMBER CO. P. O. BOX 709, BUCKHANNON, WV 26201

ROYALTY OWNER: HUNTER M. BENNETT, ET. AL.

UTM GPS NORTHING: 4,294,322.22 METERS

UTM GPS EASTING: 499,053.09 METERS GPS ELEVATION: 246.23 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 X : Post Processed Differential X 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 _____ Title WV Professional Surveyor #674

Stephen D. Losh, PS #674

Date 05/20/13

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STEPHEN D. LOSH LICENSED No. 0674 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

CNX USE: NAD 27 WV NORTH SPC: 9839 = 112,001.28' 1,569,311.96' ELEV. = 807.85'