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

May 19, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4102240, 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: 3364
Farm Name: LAWSON, G.
API Well Number: 47- 4102240
Permit Type: Plugging
Date Issued: 05/19/2015

Promoting a healthy environment.

4102240P

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.

4102240P

Plugging Work Order for Permit 47-041-02240

CNX Gas - Well 3364

1. Verify 5-1/2" casing TD. TIH w/ 2-3/8" work string to TD.
2. Pump bottom cement plug from TD to 2000'. 6% gel to 1000'.
3. TOH w/ 2-3/8" work string. Wait on cement before pulling 5-1/2" casing.
4. Pull 5-1/2" casing and packer @ 1986' from well. If unable to pull, free point and cut above packer. Pull all free 5-1/2 casing from well.
5. Perforate 6-5/8 from 1900' to surface with 4 holes per foot every 100'.
6. TIH w/ 2-3/8" work string to 2000' or TOC'.
7. Pump cement plug from 2000' to Surface' (2ea 1000' lifts).
8. TOH with 2-3/8" work string, and top off cement to surface.
9. Install 6" diameter x 14' monument (10' below grade, 4' above grade) API 47-041-02240

Work Order approved by Inspector Barry Stilltop Date: 3-24-15

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

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MAR 27 2015

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WW-4B
Rev. 2/01

1) Date 3/25, 2015
2) Operator's Well No. 3364
3) API Well No. 47- 041 - 02240

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 1039.87'
District Hackers Creek
Watershed Hackers Creek
County Lewis Quadrangle Berlin

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 Barry Stallings
Address 28 Conifer Drive
Bridgeport, WV 26330

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

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Office of Oil & Gas
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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Barry Stallings Date 3-24-15

4102240P

Attachment – Form WW-4B:

Potential Plugging Contractors:

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

Viking Well Service
8113 Sissonville Drive
Sissonville, WV 25320

Stalnaker Energy
220 West Main Street
Glenville, 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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CNG Producing Co.

CNG Producing Co.

Phone:
FAX:
email:

Memorandum

To: *Well files*
From: *John Walsh*
Date: *Wednesday, August 18, 1999*
Subject: *CNGT Well 3364*

On Friday August 13, 1999, Eastern Service Company moved a service rig into well 3364.

The well was bridged off at 2125', and the rig drilled to 2185'. The well could not be drilled beyond 2185' as the well stuck the drill tools. No pay zones were uncovered. The well was bailed dry and shut in. The rig moved off the well.

The CNGT well tender turned the well back into line.

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Form H-180-25-5Ks.-1-53

4102240p

Hope Natural Gas Company
REPAIR RECORD

Well No. 3364 — Kanawha District

Farm Name: George Lawson — N S 28 E 13 W

Date First Work Done: 11-30-55 Rep. Fond 8-9-55 — Nature of Work: Moving in tools

Commenced:
Cleaning Out: 1-7-56
Drilling Deeper:
Abandoning:

Completed:
Cleaning Out: 2-10-56
Drilling Deeper:
Abandoning:

CASING AND TUBING RECORD

Size	Before Repairs Tally	Before Repairs Steel Line	Pulled Tally	Pulled Steel Line	Put in Well Tally	Put in Well Steel Line	After Repairs Tally	After Repairs Steel Line	Weight
6-5/8"	1540						1540		
5-1/2"	2002	1986'					2002	1986'	

SHOOTING RECORD (Show if Open Shot or Tamped Shot)

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	Test Before Shot Reading	Test Before Shot Liquid	Test Before Shot Opening	Test After Shot Reading	Test After Shot Liquid	Test After Shot Opening	Heat Taken After Shot No. of Hours	By Whom Shot
1-6-56	56	2265	2332	2-1/2 2-3/4	5th. 5th Bayard	8/10	W	1 21 M	26/10	W	1 38.4	35 ds.	M.T. Co.

RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Oil at	Gas at
Commenced drilling at depth of	2330			

Well clean out to 2330' drilled 21' of pocket to 2351'
Sprayed wall from 1990 to 2255 with 10 bags of lumnite cement. Gamma Ray shows fifth sand from 2265 to 2282 and 2307 to 2332. Gas at 2272 to 2280 and 2320

(Note: See other side for gamma ray log)

Total Depth: 2351

PACKER RECORD

Size	Kind	Set At (Steel Line)
	None	

PACKER PULLED
Size: None Kind

OIL PRODUCTION
Estimated bbl. per day Sand

CLARKSBURG OFFICE ENTRIES
Repair Card: 3/27/56
Well Card: " "
Memo Book:
Wall Map:
Map Sheets: 3-28-56

VOLUME AND PRESSURE REPORT

BEFORE CLEANING OUT (Take Test When Ready to Clean Out)

VOLUME TEST

Date of Test	Flow Meter or Open Flow	Pitot Tube Reading	Pitot Tube Liquid Used	Pitot Tube Opening	Cubic Feet	Sands Gas From	Time Blown
12-1-55	F M	5/10	Water	3/4"	9.4 M	Fifth	

AFTER CLEANING OUT

VOLUME TEST

Date of Test	Flow Meter or Open Flow	Pitot Tube Reading	Pitot Tube Liquid Used	Pitot Tube Opening	Cubic Feet	Sands Gas From	Time Blown
2-10-56	F M	26/10	Water	1"	38.4 M	Fifth & Bayard- (See Gamma- Ray Correction)	

AFTER DRILLING DEEPER

VOLUME TEST

Date of Test	Flow Meter or Open Flow	Pitot Tube Reading	Pitot Tube Liquid Used	Pitot Tube Opening	Cubic Feet	Sands Gas From	Time Blown

PRESSURE TEST

Date of Test	Opening	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	6 Min.	7 Min.	8 Min.	9 Min.	10 Min.	30 Min.	60 Min.	Hrs.	Rock
2-10-56	5½" Casing	0	0	1	2	3	3	4	4	5	6	18	34	17	102
	" Tubing														

Remarks: Shut in on 5-1/2" Casing

ORIGINAL—For Land Dept. Only

R. F. Radel
District Superintendent

41022400

Well 3364 Lawson S-28 E-13

Moved tools in to well 11-30-55. Started cleaning out 12-7-55. Sprayed wall with 10 bags of lumnite cement from 1990 to 2255 to shut off cave. C.O. to bottom 2330 drilled 21' of pocket. Run Gamma Ray 1-4-56 shows fifth sand 2265 to 2282 gas 2265 to 2280 sand 2307 to 2332 gas at 2319. Shot fifth sand with 56 quarts. 20 qts from 2265 to 2282 and 30 qts from 2307 to 2332 with 6 qts in loaded anchor. Test before shot 8/10 water 1" or 21 M. Test after cleaning out 26/10 Water 1" or 38.4 M. C.O. on bottom 2351 T. D. Shut in on 5-1/2" Casing. Rock 102# in 17 hours.

H. G. Bennett C. O. Driller
W. P. Flint C. O. Helper

THIS RECORD IS TAKEN FROM A GAMMA RAY LOG
#3364

1st Salt	680	800
2nd Salt	850	945 bk. 885-925
3rd Salt	975	1090 bk. 1005-1050
Maxton	1150	1165
L. Lime	1375	1398
B. Lime	1430	1490
B. Injun	1490	1592
Gantz	1715	1755
Gantz A	1758	1775
50 Foot	1798	1888
30 Foot	1920	1945
Gor. Stray	1965	1985
Gordon	2050	2086
4th	2092	2113
5th	2265	2281 Gas 2279
Bayard	2312	2333 " 2318
Total Depth	2351	

Received
Office of Oil & Gas

(Rittenhouse)

WELL NO. 3364 NAME Geo. Lawson LEASE NO. 3672 ACRES 200 N. S. 28 E. 13 W. DISTRICT [illegible]

DISTRICT Hackers Creek

COUNTY Lewis 47-041-2240

LOCATED Jan. 19, 1914

COMMENCED Jan. 25, 1914

COMPLETED June 23, 1914

CONTRACTOR A. R. Thomas $1.05 Per Foot

PURCHASED FROM

DATE PURCHASED

DATE SHUT IN

DATE CONNECTED

DATE TURNED ON

DATE TURNED OFF

DATE DISCONNECTED

SOLD TO

DATE SOLD

DATE RE-PURCHASED

DATE PLUGGED

DATE ABANDONED

Elevation 1034'

Office of Oil and Gas
MAR 27 2015
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RECORD

FORMATION	TOP	BOTTOM	OIL AT	GAS AT	WATER AT	FRESH OR SALT
Pittsburgh Coal		Below				
Dunkard Sand	280	396			285	
1st. Salt	680'	800'				
2nd. Salt	850' 40	945' 28				
3rd. Salt	975'	1090'				
Maxon Sand	1150' 55	1165' 61				
Little Lime	1375'	1398'			Gamma	
Injun Sand	1430' 00	1490' 10			Ray	
Big Lime	1430'	1490'			Survey	
Injun	1490'	1592'				
Gantz Sand	1715' 43	1755' 61				
Gantz-(A) 17	1758'	1775'				
Fifty Foot Sand	1798' 65	1888' 60				
50 Foot	1920' 75	1945' 52				
Thirty Foot Sand	1985' 55	1985' 57				
30 Foot	2050' 31	2086' 34				
Gord. Stray	2092' 35	2113' 41		2279'		
Gordon Sand	2285'	2281'		2236'		
4th.	2312'	2333'		2318'		
Fourth Sand	2265	2275		2266		
5th.						
Bayard				2274		
Fifth Sand						
Bayard Sand						

TOTAL DEPTH 2326 S.L.

Pocket 2351' 2-10-56

CASING AND TUBING

SIZE	PUT IN WELL	PULLED	CEMENTED
13 in. Casing			Date
10 in. Casing	140	140	Size Casing
8¼ in. Casing	787	787	Top Ft.
6⅝ in. Casing	1540		Bottom Ft.
5⅜ in. Casing	1985 19 SL		
2 in. Tubing	2348 2348	2348 2348	
3 in. Tubing	44	66'10"	
3 Bay Tubing	22.10		

SHOOTING

DATE	QTS.	SAND	VOLUME BEFORE	VOLUME AFT
7-19-17	20	Fifth 2266-2275	164,160	233,08
7-19-17	20	"	"	
1-6-56	56	5th & Bay. 2312-30	21,300	38,4

Gamma-Ray-Section Gauge & Temperature Log 1-4-56

VOLUME AND PRESSURE TESTS

DATE TAKEN	READING	LIQUID	OPENING	POUNDS PRESSURE	1 MIN.	5 MIN.	10 MIN.	30 MIN.	60 MIN.	ROCK	VOLUME	SAND	PACKERS SIZE	MAKE	SET AT
June 4 1914	82/10	W.	2"								440,000	Fifth	8x6	B.H.	154
" 4 "	6/10	"	6"								1,224,912	"	5x2	A.	2232
F " 25 "	44/10	M.	2"		140	290	315	350	370	420	1,164,480	"	6x2	A	194
July 24 1917	34/10	W	2"		45	100	145	195	230	280	277,376	"	6x5	B.H.	1985
" 16 "	10/10	"	2"								150,720	"			
Dec 23 1932	40/10	"	1¼"		5	25	50	125	175	210	74420	"	OK		
Feb. 26 1942	16/10	Water	1" FM		-	14	19	40	62	165	30,123	4th & 5th	Gamma-Ray Correction		
Apr. 1 1955	29/10	"	½" F.M								10,133	5th & Bayard			
Dec. 1 "	5/10	"	¾"								9,472	"	"		
" 23 "	10/10	"	1"								23,814	"	"		
Jan 6 1956	8/10	"	1"								21,300	"	"		
" 13 "	41/10	"	1"								48,192	"	"		
" 27 "	34/10	"	1"								43,782	"	"		
Feb'y 10 "	26/10	"	1"		0	3	6	18	34	17-Hrs 102	38,400	"	"		

Defective When Start C.O. While C.O.

INITIAL OIL PRODUCTION

DATE	BARRELS	SAND

ESTIMATED BBL. WELL

4402240P

FORM H 468 6000-8-18

Record of [illegible] Company 4102240D

Well No. 336 [illegible] District

Located on [illegible] Farm [illegible]

District [illegible] County [illegible] State [illegible]

Location Made 1-19-14 First Work Done 1-25-14

Rig Commenced 2-13-14 Rig Completed 2-20-14

Drilling Commenced 1-3/19-14 Drilling Completed 6-23-14

Rig Contractor [illegible] Drilling Contractor (If M. N. G. Co. Tools, String No.) [illegible]

Drillers [illegible] [illegible]

Tool Dressers [illegible] [illegible]

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal							
Pittsburg Coal	[illegible]						
Little Dunkard	280	320		285			
Big Dunkard	378	396					
Gas Sand	600	620					
First Salt	640	669					
Second Salt	682	728					
Maxon	1155	1161					
Little Lime	1383	1403					
Pencil Cave	1421	1431					
Big Lime	1441	1500					
Big Injun	1500	1610					
Squaw	1621	1642					
Berea	1664	1681					
Gantz	1743	1761					
Fifty Foot	1765	1860					
Thirty Foot	1875	1952					Shell 1963-1987
Gordon Stray Shell	2055	2057					Hole reduced at 2055 ft
Gordon Shell	2131	2134					
Fourth	2235	2241				2236	[illegible]
Fifth	2265	2275				2266-2274	8 [illegible] 2" Opening
Bayard							
Total Depth	2326		2326				

SIZE	Charged to Well Feet	In.	Put in Well Feet	In.	Pulled Out Feet	In.	Left in Well Feet	In.	Transferred Before Completing Feet	In.	Left at Well Not in Use Feet	In.	If more than two strings of casing are left in hole, give reasons for leaving additional strings
13" Csg.	97	11	None		None		None		None		97	11	
10" "	317	10	140	0	140	0	None		216	5	101	5	
8¼" "	1030	0	787	0	787	0	None		1019	0	11	0	
6 5-8" "	1604	2	1540	0	None		1540	0	None		64	2	
5 3-16" "	None		None		None		None		None		None		
2 Tbg.	4455	7	2348	0	None		2348	0	2042	3	65	4	
"													

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS
8¼x6⅝	B. H.	None	1540	
5 3/16 x 2	Anchor	110	2238	Perforated Lat 2312

SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	Test Before Shot Reading	Test Before Shot Liquid	Test Before Shot Opening	Test After Shot Reading	Test After Shot Liquid	Test After Shot Opening	Test Taken After Shot No. Hours	By Whom Shot

CEMENTING RECORD

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

Top Pittsburg Coal..... Top Cementing..... Amount Cement Used.....

Bottom Pittsburg Coal..... Bottom Cementing..... Amount Sand Used.....

Mr. JUL 18 1914 H.N.S. of..... Coal Company on ground when coal was cemented

Remarks:..... Signature of persons who cemented well

ENTERED DEC 21 1914 G.A.K.
WELL BOOK
LEASE RECORD
LEASE DOCKET
WALL MAP JUL 13 1914 J.G.L.
LINE MAP JUL 22 1914 H.N.S.
LOCATION BOOK
CONTRACTORS PLAT
ABSTRACTOR
TITLE

Approved by [illegible] Foreman

4102240P

WW-4A
Revised 6-07

1) Date: 3/25/15
2) Operator's Well Number
3364

3) API Well No.: 47 - 041 - 02240

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: Heckert Living Trust
Address: 5362 Hackers Creek Road
Weston, WV 26452

(b) Name
Address

(c) Name
Address

6) Inspector: Barry Stallings
Address: 280 Conifer Drive
Bridgeport, WV 26330
Telephone: 304-552-4194

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

(b) Coal Owner(s) with Declaration
Name: Heckert Living Trust
Address: 5362 Hackers Creek Road
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
By: Kelly Eddy Kelly Eddy
Its: Permitting Supervisor
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 25TH day of MARCH 2015
Carolinda Flanagan Notary Public
My Commission Expires 9/15/2021

Received
Office of Oil & Gas
MAR 27 2015

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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OFFICIAL USE

Postage	$ 1.82
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Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 7.82

Postmark Here
FEB 17 2015

Sent To: Heckert Living Trust
Street, Apt. No.; or PO Box No.: 5362 Hackers Creek Road
City, State, ZIP+4: Weston, WV 26452
P&A Well #3364
Surface & Coal Owner

PS Form 3800, August 2006 — See Reverse for Instructions

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Office of Oil & Gas
MAR 27 2015

4102240P

WW-9
Rev. 5/08

API Number 47 - 041 - 02240
Operator's Well No. 3364

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 Hackers Creek Quadrangle Berlin

Elevation 1039.87' County Lewis District Hackers Creek

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.

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

Proposed Work For Which Pit Will Be Used:

_____ Drilling _____ Swabbing
_____ Workover _____ 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) Kelly Eddy

Company Official Title Permitting Supervisor

Received
Office of Oil & Gas
MAR 27 2015

Subscribed and sworn before me this 25TH day of MARCH, 2015

Carolinda Flanagan Notory Public

My commission expires 9/15/2021

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

4102240P

Form WW-9

Operator's Well No. 3364

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 1.50 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: Barry Stillings

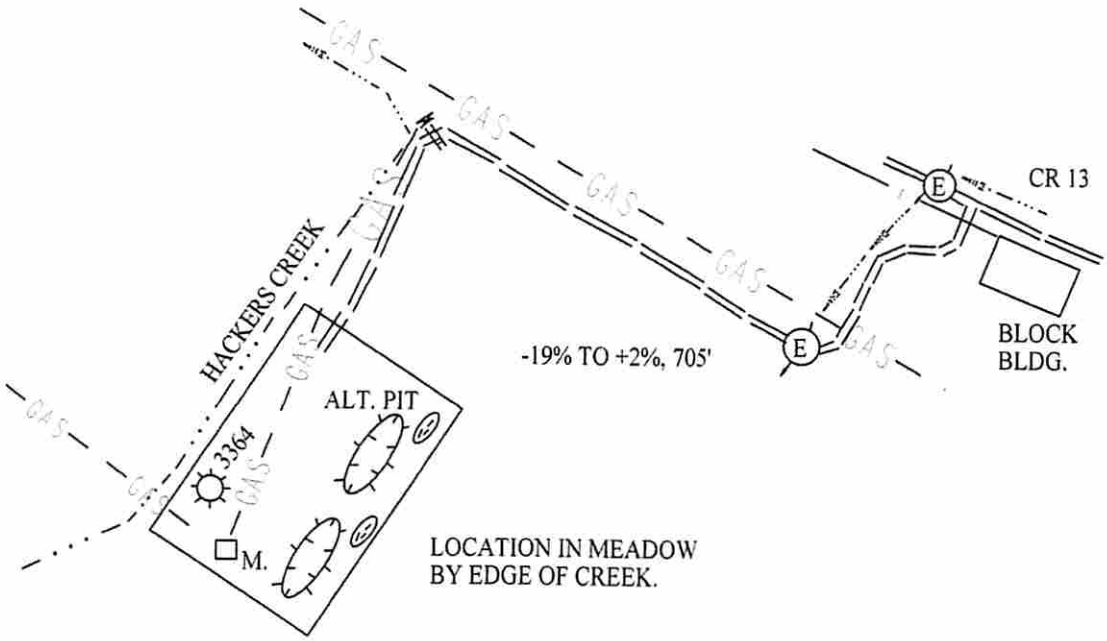
Comments:

Received
Office of Oil & Gas
MAR 27 2015

Title: inspector Date: 3-24-15

Field Reviewed? (✓) Yes ( ) No

4102240P



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

B.S. 3-24-15

Received
Office of Oil & Gas
MAR 27 2015

DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

P. O. BOX 1248

JANE LEW, WV 26378

WATERSHED: LEADING CREEK

DISTRICT: FREEMANS CK. **COUNTY:** LEWIS

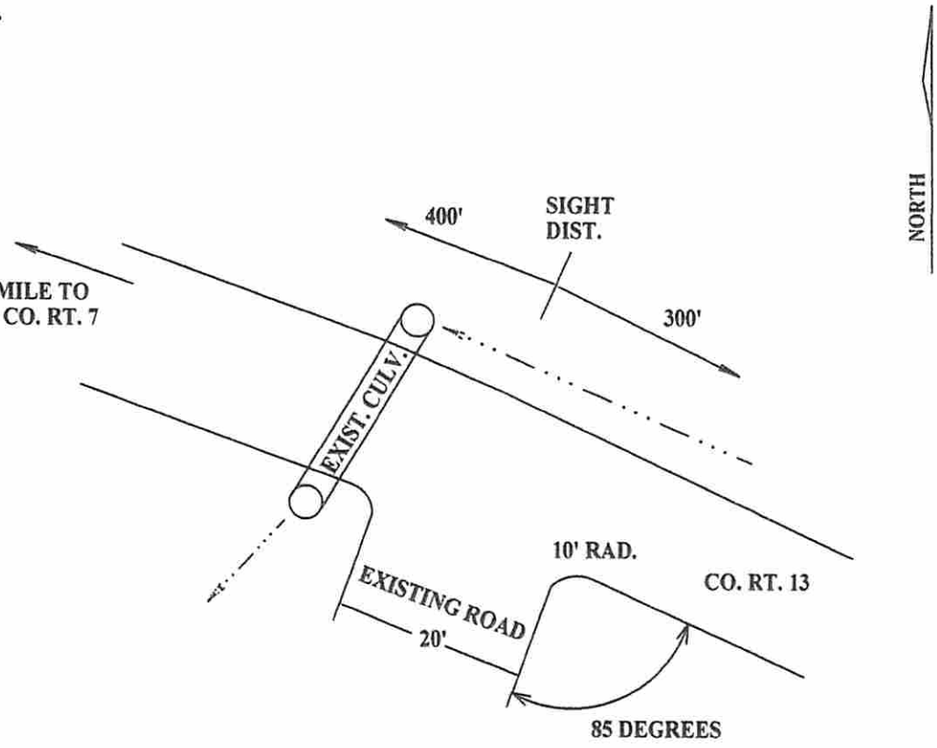
QUADRANGLE: VADIS **WELL NO.:** 11116

DATE: 11/07/14 **PAGE** ____ **of** ____

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

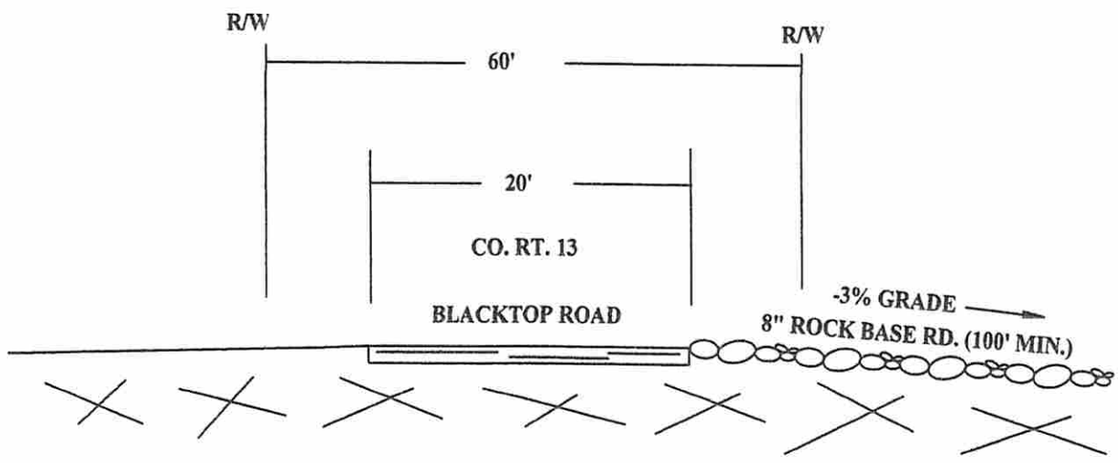
4102240P

PLAN VIEW NOT TO SCALE.
NO CULVERT REQUIRED.

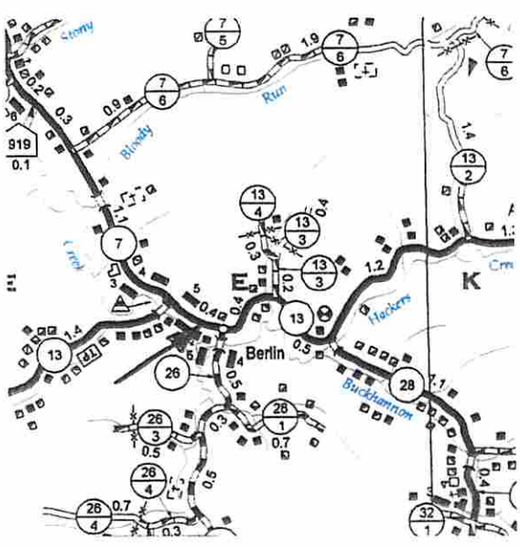


NAD 83 LAT./LONG.
OF ROAD ENTRY:

N. 39.05287
W. 80.35621



SECTION NOT TO SCALE.



ALL WORK WILL CONFORM TO
WV DOH RULES AND REGULATIONS.

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Office of Oil
MAR 27

Prepared by:

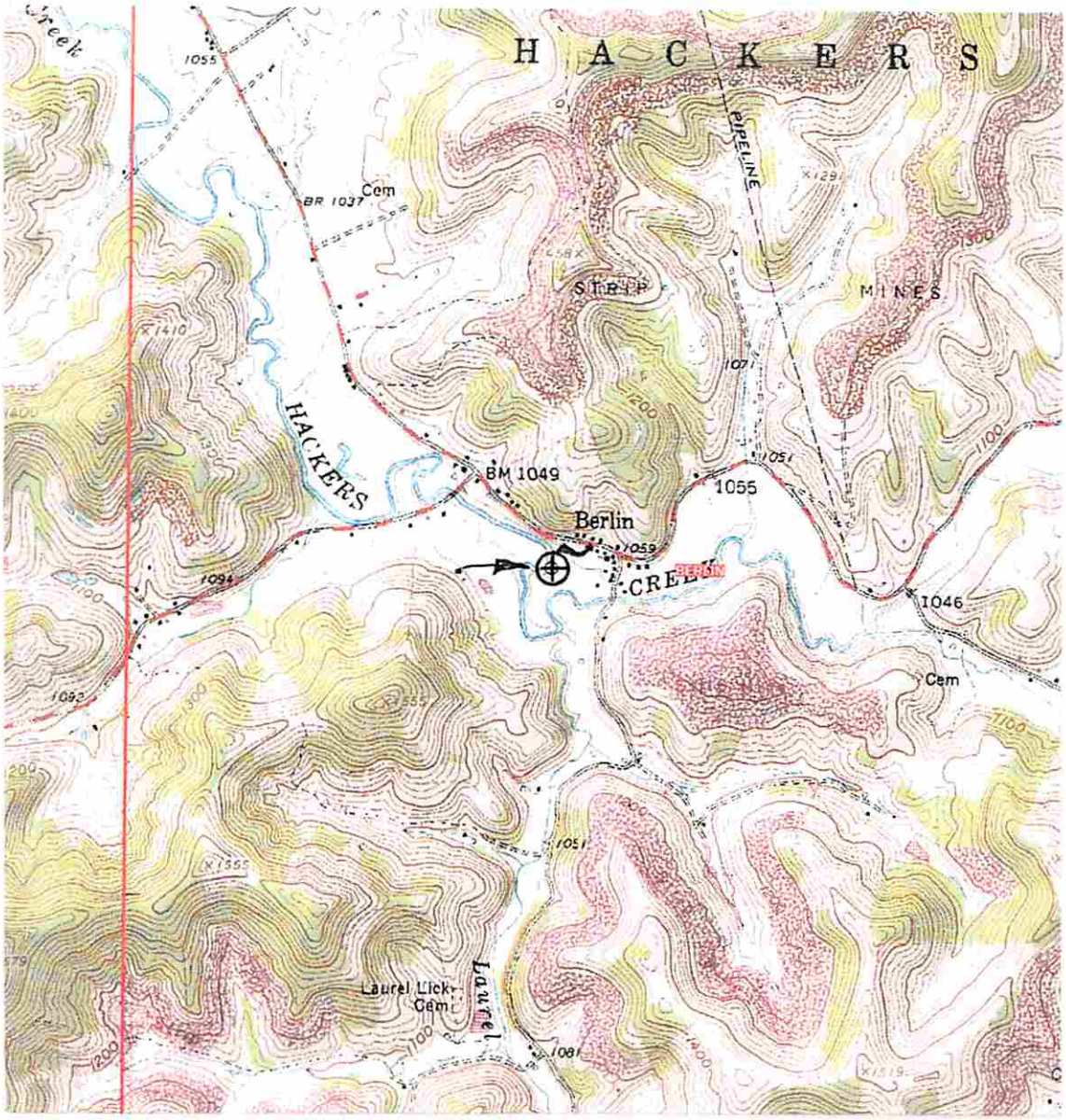
LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

CNX GAS COMPANY LLC
P. O. BOX 1248
JANE LEW, WV 26378

PLAT SHOWING EXISTING ACCESS
ROAD ENTRY ONTO COUNTY ROUTE 13

DISTRICT	COUNTY	STATE
HACKERS CREEK	LEWIS	WV
DATE	SCALE	DWG. NO.
09/12/14	N/A	3364

4102240P



BS 3-24-15

DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY LLC

P. O. BOX 1248

JANE LEW, WV 26378

WATERSHED: LEADING CREEK

DISTRICT: FREEMANS CK. **COUNTY:** LEWIS

QUADRANGLE: VADIS **WELL NO.:** 11116

DATE: 11/07/14 **PAGE** ____ **of** ____

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BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 5762

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WW-7
5-02

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

API: 47-041-02240 WELL NO.: 3364

FARM NAME: GEORGE LAWSON

RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC

COUNTY: LEWIS DISTRICT: HACKERS CREEK

QUADRANGLE: BERLIN

SURFACE OWNER: HECKERT LIVING TRUST

ROYALTY OWNER: SARAH BROOKS SCOTT

UTM GPS NORTHING: 4,322,752.97 METERS

UTM GPS EASTING: 555,556.92 METERS GPS ELEVATION: 316.96 METERS (1040')

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 ____ Real-Time Differential X

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 11/12/14

Received
Office of Oil & Gas
MAR 27 20

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

CNX USE: NAD 27 WV NORTH SPC: 3364 = 202,211.56' 1,756,293.15' ELEV. = 1039.87'

4102240P

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

November 12, 2014

DRIVING DIRECTIONS FOR 3364

From the junction of County Route 7 and County Route 13 in Berlin, proceed East on County Route 13 (toward Hodgesville) for 0.30 mile and turn right on the well road.

Nearest Fire Station: Jane Lew

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