



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Wednesday, October 25, 2017
WELL WORK PERMIT
Vertical / Plugging

CONSOL GAS COMPANY
1000 CONSOL ENERGY DRIVE

CANNONSBURG, PA 163176506

Re: Permit approval for FARMER A-1
47-061-00321-00-00

This well work permit 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 any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: FARMER A-1
Farm Name: SHUMAN, ROBERT L., ETUX
U.S. WELL NUMBER: 47-061-00321-00-00
Vertical / Plugging
Date Issued: 10/25/2017

Promoting a healthy environment.

10/27/2017

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 17
2) Operator's
Well No. 7107
3) API Well No. 47-061 - 00321

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 630.043 METERS Watershed OUTLET DECKERS CREEK
District Morgan County Monongalia Quadrangle MORGANTOWN

6) Well Operator Consol Gas Company 7) Designated Agent Christopher Turner
Address 1000 Consol Energy Drive Address P.O. Box 1248
Canonsburg, PA 15317 Jane Lew, WV 26378

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Gayne J Knitowski Name Coastal Drilling East LLC
Address P.O. Box 108 Address 70 Gums Springs Road
Gormanian WV 26720 Morgantown, WV 26508

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

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WV Department of
Environmental Protection

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

Work order approved by inspector Gayne J Knitowski Date 10/10/2017

Shuman #7107

Morgan, Monongalia County WV

Original Completion: 06/07/1969

API# 47-061-00321

Elevation = 2079'

Procedure:

1. Load Hole/Kill Well, Pump 6% gel if necessary
2. RIH with Bond Tool to verify TD, log out to verify 4 ½" TOC (4 1/2" Casing Float @ 8300')
3. TIH with 2 3/8" Workstring and load the well with 6% Gel
4. Pump Class A Cement Plug from TD to 4 ½" TOC (4 ½" TOC est. @ 6800')
5. Verify TOC
6. RIH Jet Cut/Collar Bust 4 ½" Casing above Bottom Hole Plug
7. Attempt to pull 4 ½" Casing *at min. 1 ½ times string weight*
 - a. If unable to pull run bond long/free point and cut where free
8. TIH with 2 3/8" Workstring to 2200' and set Class A Cement Plug from 2200' to surface
 - a. This plug will cover Elevation @ 2079'
9. Install monument with Well Name, API#, & Company Name. Monument must extend 30" min. above ground level and be 6" in diameter.

10. Reclaim SITE ASAP

NOTE: All Cement plugs will be Class A Cement, All Spacers between wells will be 6% Gel, Any casing unable to be recovered will be perforated every 100' with *4* shots and 100' cement plugs will be set to cover all cut points.

If it becomes necessary to deviate from this method, approval from the WV DEP Oil & Gas Division will be obtained before proceeding.

Work Order approved by Inspector: *Maureen J. Kintner* Date: *10/10/2017*

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10/27/2017

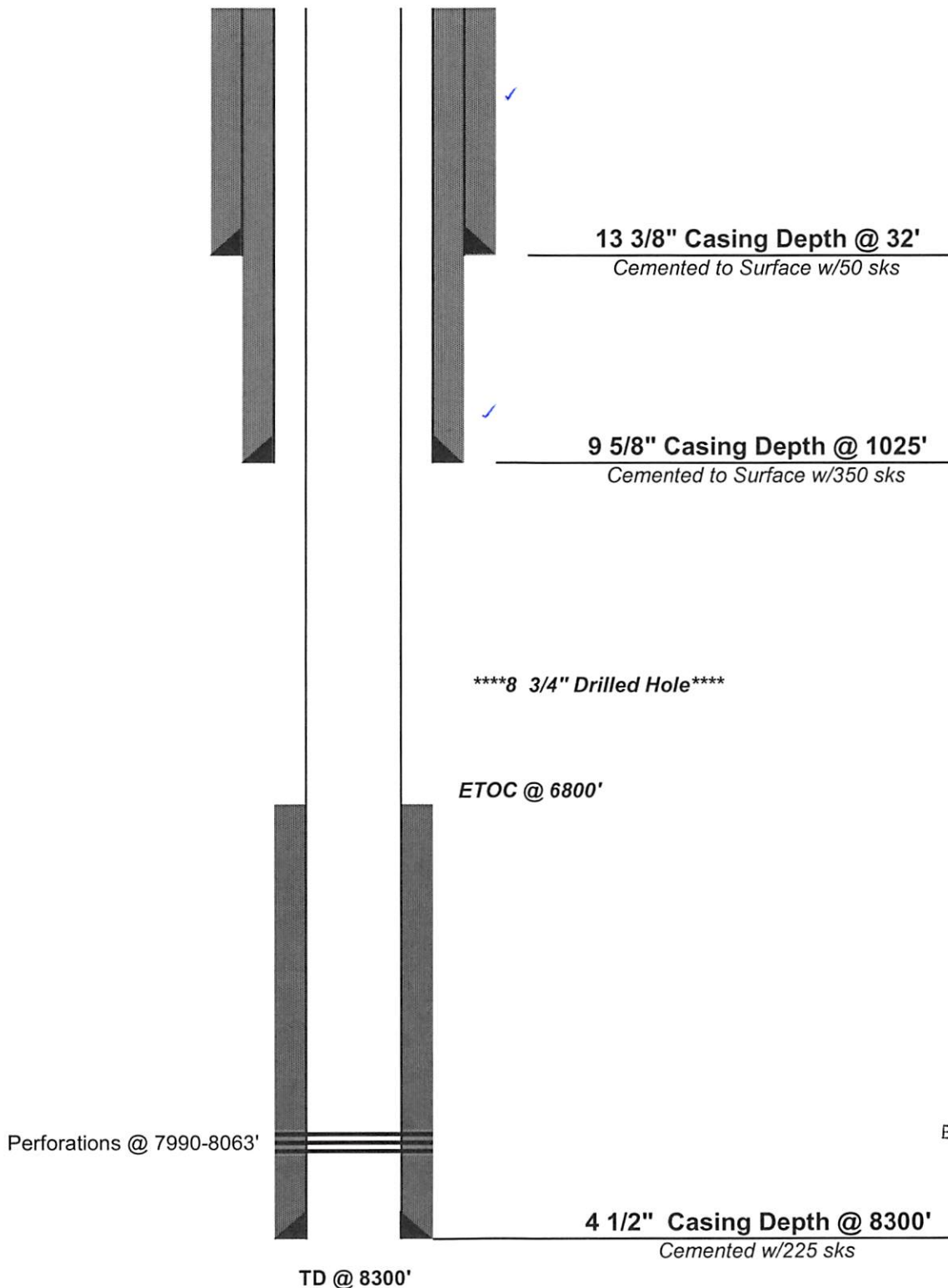
Shuman #7107

Morgan, Monongalia County WV

Original Completion : 06/07/1969

API # 47-061-00321

Elevation = 2079'



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Note: Consolidated Gas Supply Corp. assumed 100% ownership of this well effective 12:01 AM, June 11, 1969.

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

Quadrangle Morgantown

Permit No. MON-321

WELL RECORD

Oil or Gas Well Gas

Company Phillip Petroleum Company
 Address Box 287, Great Bend, Kansas 67530
 Farm FARMER "A"
 Location (waters) 4,100' S of Lat 39° 35' and 13,100' W of Long 77° 50'
 Well No. 1 File # GL 2079.5'
 District Morgan County Monongalia
 The surface of tract is owned in fee by Rob't L. Shuman et al & Geo. R. Farmer, Jr. Address Morgantown, W. Va.
 Mineral rights are owned by Same
 Address _____
 Drilling commenced 5-17-69
 Drilling completed 6-7-69
 Late Shot _____ From _____ To _____
 With _____
 Open Flow 1/10ths Water in _____ Inch
1/10ths Merc. in _____ Inch
 Volume See reverse side Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls. 1st 24 hrs.
 WELL ACIDIZED Pmpd plug down w/1000 gals MSA acid & 106 BFW. See reverse side f/other acid jobs
 WELL FRACTURED See reverse side

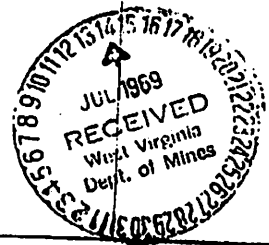
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16		(O.)	Kind of Packer _____
12-3/8" OD	52'	3'	50 ex by Hallib
9-5/8" OD	1028'	1025'	Size of _____
8-1/2" OD	8300'	8300'	350 sx by Hallib
3		(LT)	Depth set _____
2			225 sx by Hallib
Liners Used			Perf. top <u>7990</u>
			Perf. bottom <u>8063</u>
			Perf. top <u>(35 holes)</u>
			Perf. bottom _____

CASING CEMENTED 4 1/2" OD SIZE 8300 Less Thds No. Ft. 6-11-69 Date
Hallib cmtd w/225 sx reg w/20% Diacel D
 COAL WAS ENCOUNTERED AT 94-100 FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT See reverse side
 ROCK PRESSURE AFTER TREATMENT SICP 3500*, SITP 2900*
 Fresh Water 88 Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil, rock			0	53			
Sand & shale			53	333			FORMATION TOPS - Per Electric Logs
Shale & lime			333	924			Tulley Lime - 7457'
Lime, shale, sand			924	1003			Onondaga Lime - 7972'
Shale & lime			1003	1316			Onondaga Chert - 7987'
Shale			1316	1342			Oriskany Sand - 8179'
Shale & lime			1342	5377			Helderberg Lime - 8236'
Shale			5377	7480			
Lime			7480	7510			
Lime & shale			7510	7800			
Shale			7800	7990			
Chert <u>Huntersville</u>			7990	8200			
Sand <u>Oriskany</u>			8200	8278			
Sand, Lime <u>Helderberg</u>			8278	8300			
				8300			Total Depth

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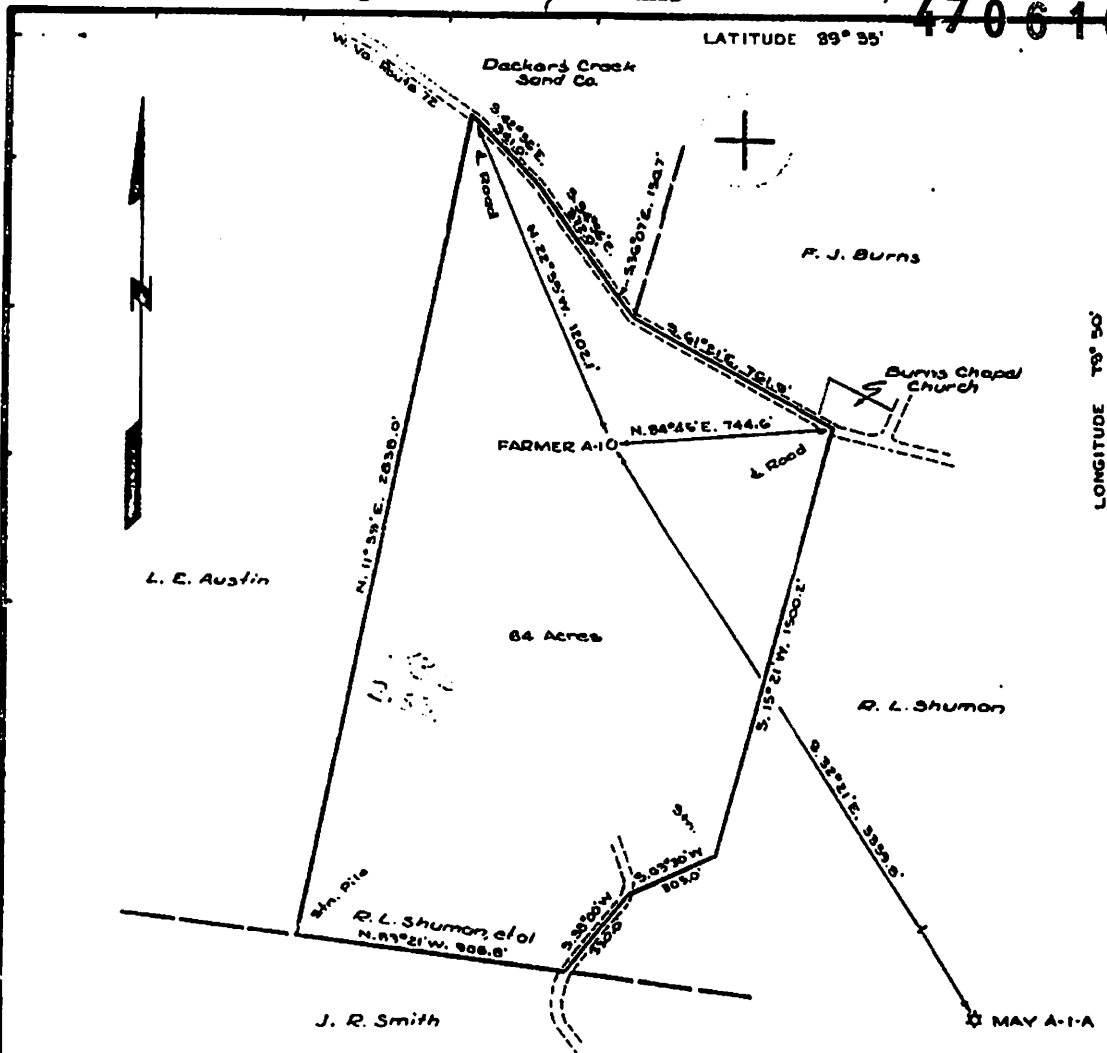
(over)

Formation	Color	Hard or Soft	Top 5'	Bottom	Oil, Gas or Water	Depth Found	Remarks
6-13-69	Halliburton frac'd thru perf 7990-8063'						28% acid pad, 5000 gal acid jel, 2000# HG-6 & 1000# CW-1, flashd w/1180 SW, MP 5000# ISIP 3900#
6-15-69	17 hr SITP						
6-16 thru 6-26-69	Blew well periodically to clean up well. On 6-26-69 SITP						2900#, SIOP 3500#
6-27-69	Took four point potential test. GAOPF 3322. MCFPD.						
			8510	8300			
			8500	8518			
			8080	8300			
			8500	8080			
			8270	8000			
			8160	8270			
			8311	8160			
			8375	8311			
			8370	8375			
			8000	8370			
			833	837			
			23	833			
			0	23			

DATE: July 9, 1969

APPROVED: *[Signature]* (Title) Dist. Supt.

Owner: Phillips Petroleum Company



"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by Paragraph 5 of the rules and regulations of the Oil and Gas Section of the mining laws of West Virginia."

W.A. Case

W. A. CASE
Okla. Reg. L.S. #124

- NEW LOCATION.....
- DRILL DEEPER.....
- ABANDONMENT.....

COMPANY PHILLIPS PETROLEUM COMPANY
 ADDRESS HARTLESVILLE, OKLAHOMA
 FARM FARMER
 TRACT ACRES 64 LEASE NO. 9-10-8750
 WELL (FARM) NO. A-1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 2079.5'
 QUADRANGLE MORGANTOWN SC
 COUNTY MONOGALIA DISTRICT MORGAN
 ENGINEER W.A. Case
 ENGINEER'S REGISTRATION NO. OKLA. REG. L.S. #124
 FILE NO. _____ DRAWING NO. _____
 DATE JANUARY 18, 19 SCALE 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. Mon-321

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS, SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN

- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

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6-6 South P... Chapel 313 Deep Well (Hdbr)

10/27/2017

STATE OF WEST VIRGINIA
DEPARTMENT OF OIL & GAS CONSERVATION COMM

W. VA. OIL & GAS WELLS
1976 MASTER LISTING

REPORT NO. CCA030P1 PAGE. 0365
CURRENT DATE - 03/31/81
REPORT DATE - 03/31/81

API NUMBER - 47-061-0321-0
STATUS - 00
TYPE WELL - GAS
OPERATOR - PHILLIPS PETROLEUM ID - 662
FARM - FARMER
COUNTY - MONONGALIA
FIELD - SOUTH BURNS CHA FIELD CODE - 313
DISTRICT - MORGAN
QUADRANGLE - MORGANTOWN SOUTH
LOCATION - W12969 FEET
LONGITUDE - 79 DEGREES - SEC
5 4339 FEET DECIMAL - 39.57146
LATITUDE - 39 DEGREES - SEC
55 MINUTES - SEC
*** GEOLOGICAL DATA ***
PAY FORMATION
T. D. FEET

*** COMPLETION (CSG) DATA ***
LENGTH (FEET) (INCHES)
52 13 3/8
1.028 9 5/8
8.500 4 1/2

DEPTH IN FEET STRATIGRAPHIC UNIT
7,757 445-TULLY
7,972 461-ONONDAGA
7,987 463-HUNTERSVILLE CHERT
8,236 485-HELDERBERG
000-
000-
000-
000-
000-
000-
000-

ELEVATION - 2080.00 ISSUED -
COMPLETED - 060069
DEEPEMED -
REWORKED -
PLUGGED -
FRACTURED -
TYPE FRACTURE - UNKNOWN
INIT POTENTIAL - 3322 MCFD
ROCK PRESS - 03500 PSIG IN 240 HRS

1976 PRODUCTION

	JAN	FEB	MAR	APR	MAY	JUN	JUN	AUG	SEP	OCT	NOV	DEC
OIL (M)												
GAS (MM)	3,638	3,485	4,081	4,287	4,512	4,512	11,182	3,601	4,352	4,352	2,945	2,900
R.P. PSIG												

ACCUMULATIVE PRODUCTION HISTORY

	1975	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965
OIL (M)											
GAS (MM)	221,798	167,951	114,369	59,917							
R.P. PSIG											

OIL (MM) - 34,827
GAS (MM) -

***** ANNUAL *****
OIL (MM) -
GAS (MM) - 34,827

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WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
7107
3) API Well No.: 47 - 061 - 00321

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>ELS LLC & OXFORD CORPORATION</u>	Name <u>N/A</u>
Address <u>PO BOX 842</u>	Address _____
<u>MORGANTOWN WV 26507</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Oxford Corporation</u>
_____	Address <u>150 Clay Street</u>
_____	<u>Morgantown, WV 26507</u>
(c) Name _____	Name <u>ELS, LLC</u>
Address _____	Address <u>P.O. Box 842</u>
_____	<u>Morgantown WV 26507</u>
6) Inspector <u>Gayne J Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 108</u>	Name <u>N/A</u>
<u>Gormanian WV 26720</u>	Address _____
Telephone <u>304-546-8171</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>Consol Gas Company</u>
	By:	<u>Sarah Weigand</u> <i>Sarah Weigand</i>
	Its:	<u>Permitting Manager</u>
	Address	<u>1000 Consol Energy Drive</u> <u>Canonsburg, PA 15370</u>
	Telephone	<u>724-485-3244</u>

Subscribed and sworn before me this 20th day of September 2017
Lori L. Walker Notary Public
 My Commission Expires February 23, 2019

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WV Department of
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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.

10/27/2017

WW-9
(5/16)

API Number 47 - 061 - 00321
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Consol Gas Company OP Code 494495754

Watershed (HUC 10) OUTLET DECKERS CREEK Quadrangle Morgantown

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- 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 will use vacuum trucks, and properly dispose of any fluid or waste returns)

Will closed loop system be used? If so, describe: no

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. na

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? na

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. na

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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.

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Company Official Signature Sarah Weigand

OCT 12 2017

Company Official (Typed Name) Sarah Weigand

WV Department of Environmental Protection

Company Official Title Permitting Manager

Commonwealth of Pennsylvania County of Greene

Subscribed and sworn before me this 28th day of September, 2017

Lori L. Walker Notary Public

My commission expires February 23, 2019

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Lori L. Walker, Notary Public
Richhill Twp., Greene County
My Commission Expires Feb. 23, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

10/27/2017

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed less than 1 acre Prevegetation pH _____

Lime 2-3 Tons/acre or to correct to pH _____

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch hay or straw 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Landino Clover	5	Landino Clover	5

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Haynes J. Kuntz

Comments: _____

- Reclaim site ASAP
- Install Soil erosion measures as needed along access road and well site

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Environmental Protection

Title: Inspector

Date: 10/10/2017

Field Reviewed? () Yes () No

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

LEGEND

- --- --- --- - EXISTING ROAD
- ~~~~~ - EXISTING TREE LINE

SIGHT DISTANCE LIMIT
SPEED LIMIT: 35 MPH
REQUIRED DISTANCE - 287.0'
MEASURE DISTANCE - 726.0'

SUMMER SCHOOL ROAD
SPEED LIMIT 35
(CR 72)

ENTRANCE
LAT: 39.572290°
LONG: 79.876962°

SIGHT DISTANCE LIMIT
SPEED LIMIT: 35 MPH
REQUIRED DISTANCE - 287.0'
MEASURE DISTANCE - 318.0'

S-1
INTERMITTENT STREAM

SHUMAN 7107
WELL
LAT: 39.572121°
LONG: 79.879505°

DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY RECEIVED
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200 HALLAM ROAD OCT 12 2017

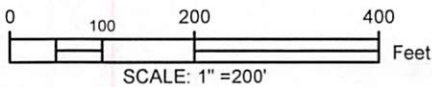
WASHINGTON, PA 15301 WV Department of
Environmental Protection

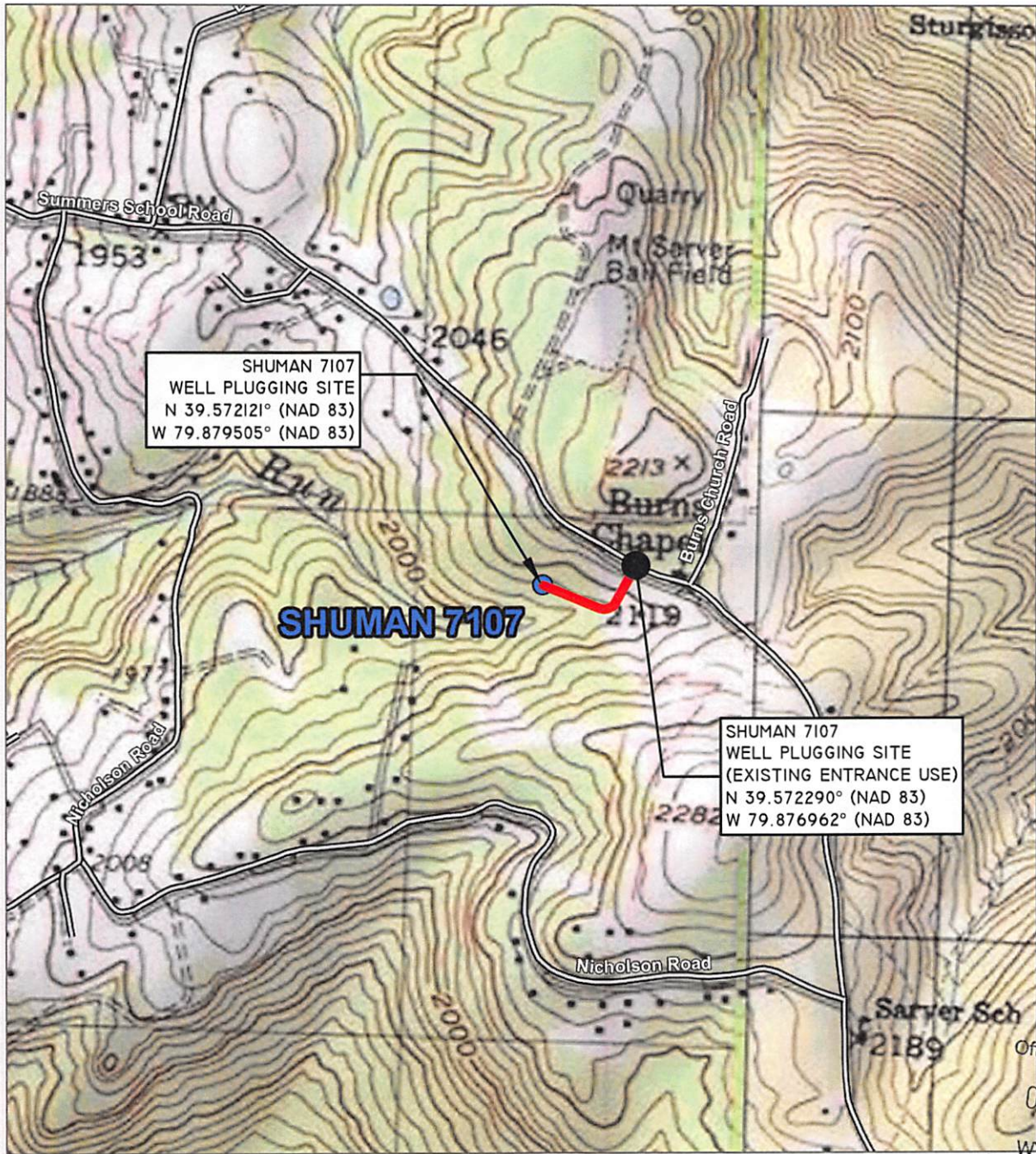
WATERSHED: OUTLET DECKERS CREEK

DISTRICT: MORGAN COUNTY: MONONGALIA

QUADRANGLE: MORGANTOWN WELL NO: SHUMAN 7107

DATE: 07/14/2017 PAGE 1 OF 2





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LOCATION MAP
MORGANTOWN, WV 7.5M USGS QUADRANGLE
SCALE: 1"=1000'



Engineers and Land Surveyors
Woman Owned Small Business

11023 Mason Dixon Hwy.
Burton, WV 26562-9656
(304) 662-6486

LOCATION MAP
GAS WELL PLUGGING
SHUMAN 7107 GAS WELL
MORGAN DISTRICT
MONONGALIA COUNTY, WV
CONSOL GAS COMPANY
200 HALLAM ROAD
WASHINGTON, PA 15301

DRAWN BY: LLF
CHECKED BY: WPF
DATE: 07/14/2017
SCALE: 1"=1000'
WATERSHED: OUTLET DECKERS CREEK
PAGE <u>2</u> OF <u>2</u>

WW-7
8-30-06



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

API: 47-061-00321 WELL NO.: 7107

FARM NAME: Shuman

RESPONSIBLE PARTY NAME: Sarah Weigand

COUNTY: Monongalia DISTRICT: Morgan

QUADRANGLE: Morgantown

SURFACE OWNER: ELS LLC & OXFORD CORPORATION

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,380,868.133 METERS

UTM GPS EASTING: 596,240.583 METERS GPS ELEVATION: 630.043 METERS (192 FT)

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

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

Real-Time Differential _____

Mapping Grade GPS _____ : Post Processed Differential _____

Real-Time Differential _____

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

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

Sarah Weigand Permitting Manager
Signature Title

9/29/17
Date

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