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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Monday, May 14, 2018
WELL WORK PLUGGING PERMIT
Vertical Plugging

CONSOLIDATION COAL COMPANY
1 BRIDGE STREET

MONONGAH, WV 265540000

Re: Permit approval for 7122
47-103-01123-00-00

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.

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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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:	7122
Farm Name:	Ronnie J. & Susie Talkington
U.S. WELL NUMBER:	47-103-01123-00-00
Vertical	Plugging
Date Issued:	5/14/2018

I

103-01123P

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.

103-01123P

WW-4B
Rev. 2/01

1) Date MARCH 2, 20 18
2) Operator's
Well No. 7122
3) API Well No. 47- 103 - 01123

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

5) Location: Elevation 1000.00' Watershed SOUTH FORK FISHING CREEK
District GRANT County WETZEL Quadrangle FOLSOM, WV 7.5'

6) Well Operator CONSOLIDATION COAL COMPANY
Address 1 BRIDGE STREET
MONONGAH, WV 26554

7) Designated Agent DAVID RODDY
Address 1 BRIDGE STREET
MONONGAH, WV 26554

8) Oil and Gas Inspector to be notified
Name DEREK HAUGHT
Address P.O. BOX 85
SMITHVILLE, WV 26178

9) Plugging Contractor
Name ____
Address ____

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

SEE EXHIBIT No. 1
&
MSHA 101 C

WELL MADE GAS & OIL
PRODUCING GAS IN 2016.

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

Work order approved by inspector Derek M. Haught Date 3/23/18

103-01123P

EXHIBIT NO. 1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consolidation Coal Northern West Virginia Operations will utilize the following method to plug all future wells.

SOLID PLUG METHOD

* (a) If active well: clean out to total depth and plug back according to state regulations to minimum of 200 feet below lowest minable coal seam

(b) If abandoned well: clean out to first plug 200 feet below lowest minable coal seam.

(c) Circulate through tubing or drill steel an expanding Class A cement plug from a minimum of 200 feet below lowest minable coal seam to a point 100 feet above minable coal.

*Well produced through 2016, so its considered an active well

1. Remove any surface equipment including the pump jack
2. Remove tubing
3. Clean hole to total depth; 2163'
4. Gel hole to 2115' and set class A cement plug from 2163' to 1963'
5. Freepoint, cut and pull 6 5/8" casing
6. Set 200' Class A cement plug across 6 5/8" casing cut
7. Attempt to pull free casing. If not able to pull 150% casing weight then freepoint, cut and remove any free casing. Perforate pipe through minable coal seams and Freshwater zones.
8. Plug with expanding Class A cement from 1963 to 200' below the Pittsburgh Coal seam. From their plug with expanding cement to 100' above the highest minable coal seam.
9. Circulate through tubing or drill steel and expanding Class A cement plug from 100' above coal seam to surface.
10. A monument will be installed with APO No. and stating "solid plug".

103-01123P

U.S. Department of Labor

Mine Safety and Health Administration
4015 Wilson Boulevard
Arlington, Virginia 22203-1984

JUL 13 2001

In the matter of
Consolidation Coal Company
Robinson Run No. 95
I.D. No. 46-01318

Petition for Modification

Docket No. M-2001-015-C

PROPOSED DECISION AND ORDER

On February 6, 2001, a petition was filed seeking a modification of the application of 30 CFR 75.1700 to Petitioner's Robinson Run No. 95 Mine. The Petitioner alleges that the alternative method outlined in the petition will at all times guarantee no less than the same measure of protection afforded by the standard.

The alternative method proposed by the petitioner is similar to that approved under similar petitions for modification with the exception of certain terms and conditions. Specifically, the District Manager has the authority to allow mining within 300 feet without plugging, and to accept wells cleaned and plugged prior to the effective date of this Order if the plugging methods are documented and meet the terms and conditions of this Order.

MSHA personnel conducted an investigation of the petition and filed a report of their findings and recommendations with the Administrator for Coal Mine Safety and Health. After a careful review of the entire record, including the petition and MSHA's investigative report and recommendation, this Proposed Decision and Order (PDO) is issued.

Finding of Fact and Conclusion of Law

The alternative method proposed by the Petitioner (as amended by MSHA) will at all times guarantee no less than the same measure of protection afforded the miners under 30 CFR 75.1700.

The petitioner reports that more than 550 oil and gas wells have been plugged and more than 475 plugged wells have been successfully mined through since the company first received modifications to the application of the standard at several of its other mines. Further, the petitioner adopted the special terms and condition MSHA imposed in Docket No. M-1990-066-C for the Shoemaker Mine. The petitioner plans to clean out and plug all wells including those with existing plugging affidavits, prior to mining through.

Typically, the wells are less than 2000 feet deep. The Robinson Run No. 95 Mine is extracting coal on the Pittsburgh Coal Seam. There are old workings on the coal seams above, and coal seams which are greater than 24 inches thick both above and below the current mine workings at various locations. Generally, the Pittsburgh Coal Seam is 200 to 700 feet from the surface depending upon the topography. The majority of the wells which will be plugged were drilled before 1930 prior to enactment of any drilling or plugging standards. Also, many of the well were abandoned before federal or state regulations became effective.

Unless the existing records show that an abandoned well was plugged using techniques equivalent to this proposed decision and order's terms and condition, and that information is submitted and accepted in accordance with Paragraph 2(s) as providing the required level of safety by the District Manager, the well shall be again cleaned, inadequate plugging materials drilled out and the well plugged in accordance with the terms and conditions of this proposed decision and order before such wells may be cut through or approached within the allowed limits. The summary information provided by the petition suggests that special attention to securing and interpreting the suite of drill logs required by Paragraph 1(a)(4) is needed to ensure that, at a minimum, the expanding cement plug extends from at least 200 feet below the lowest minable seam through 100 feet above the highest minable seam, unless the seams are separated by an interval greater than 300 feet, in which case each seam may be plugged individually.

On the basis of the petition and the findings of MSHA's investigation, Consolidation Coal Company is granted a modification of the application of 30 CFR 75.1700 to its Robinson Run No. 95 Mine. The mine is currently plugging and cutting through oil and gas wells using the special terms and conditions granted in the Proposed Decision and Order for Docket No. M-1979-261-C finalized August 18, 1980. This PDO will supercede the terms and conditions of that Order when it becomes effective.

ORDER

Wherefore, pursuant to the authority delegated by the Secretary of Labor to the Administrator for Coal Mine Safety and Health, and pursuant to Section 101(c) of the Federal Mine Safety and Health Act of 1977, 30 U.S.C., sec. 811(c), it is ordered that Consolidation Coal Company's Petition for Modification of the application of 30 CFR 75.1700 at the Robinson Run No. 95 Mine is hereby:

GRANTED, for mining through or near (whenever the safety barrier diameter is reduced to a distance less than the District Manager would approve pursuant to Section 75.1700) plugged oil or gas wells penetrating the Pittsburgh seam and other minable coal seams, conditioned upon compliance with the following terms and conditions:

1. Procedures to be utilized when plugging oil or gas wells.

   a. Cleaning out and preparing oil and gas wells. Prior to plugging an oil or gas well, the following procedure shall be followed:

      (1) A diligent effort shall be made to clean the borehole to the original total depth. If this depth cannot be reached, the borehole shall be cleaned out to a depth which would permit the placement of at least 200 feet of expanding cement below the base of the lowest minable coal bed.

      (2) When cleaning the borehole, a diligent effort shall be made to remove all the casing in the borehole. If it is not possible to remove all casing, the casing which remains shall be perforated, or ripped, at intervals spaced close enough to permit expanding cement slurry to infiltrate the annulus between the casing and the borehole wall for a distance of at least 200 feet below the base of the lowest minable coal bed.

      (3) If the cleaned-out borehole produces gas, a mechanical bridge plug shall be placed in the borehole in a competent stratum at least 200 feet below the base of the lowest minable coal bed, but above the top of the uppermost hydrocarbon-producing stratum. If it is not possible to set a mechanical bridge plug, a substantial brush plug may be used in place of the mechanical bridge plug.

      (4) A suite of logs shall be made consisting of a caliper survey, directional deviation survey, and log(s) suitable for determining the top and bottom of the lowest minable coal bed and

potential hydrocarbon producing strata and the location for the bridge plug.

(5) If the uppermost hydrocarbon-producing stratum is within 200 feet of the base of the lowest minable coal bed, properly placed mechanical bridge plugs or a suitable brush plug described in Subparagraph (a)(3) shall be used to isolate the hydrocarbon producing stratum from the expanding cement plug. Nevertheless, a minimum of 200 feet of expanding cement shall be placed below the lowest minable coal bed.

(6) The wellbore shall be completely filled and circulated with a gel that inhibits any flow of gas, supports the walls of the borehole, and increases the density of the expanding cement. This gel shall be pumped through open-end tubing run to a point approximately 20 feet above the bottom of the cleaned out area of the borehole or bridge plug.

b. Plugging oil or gas wells to the surface. The following procedures shall be utilized when plugging gas or oil wells to the surface:

(1) A cement plug shall be set in the wellbore by pumping an expanding cement slurry down the tubing to displace the gel and fill the borehole to the surface. (As an alternative, the cement slurry may be pumped down the tubing so that the borehole is filled with Portland cement or a Portland cement-fly ash mixture from a point approximately 100 feet above the top of the lowest minable coal bed to the surface with an expanding cement plug extending from at least 200 feet below the lowest minable coal bed to the bottom of the Portland cement.) There shall be at least 200 feet of expanding cement below the base of the lowest minable coal bed.

(2) A small quantity of steel turnings, or other small magnetic particles, shall be embedded in the top of the cement near the surface to serve as a permanent magnetic monument of the borehole.

c. Plugging oil or gas wells using the vent pipe method. The following procedures shall be utilized when using the vent pipe method for plugging oil and gas wells:

(1) A 4½-inch or larger vent pipe shall be run into the wellbore to a depth of 100 feet below the lowest minable coal bed and swedged to a smaller diameter pipe, if desired, which will extend to a point approximately 20 feet above the bottom of the cleaned out area of the borehole or bridge plug.

(2) A cement plug shall be set in the wellbore by pumping an expanding cement slurry, Portland cement, or a Portland cement-fly ash mixture down the tubing to displace the gel so that the borehole is filled with cement. The borehole and the vent pipe shall be filled with expanding cement for a minimum of 200 feet below the base of the lowest minable coal bed. The top of the expanding cement shall extend upward to a point approximately 100 feet above the top of the lowest minable coal bed.

(3) All fluid shall be evacuated from the vent pipe to facilitate testing for gases. During the evacuation of fluid, the expanding cement shall not be disturbed.

(4) The top of the vent pipe shall be protected to prevent liquids or solids from entering the wellbore, but permit ready access to the full internal diameter of the vent pipe when necessary.

d. Plugging oil and gas wells for use as degasification boreholes. The following procedures shall be utilized when plugging oil or gas wells for subsequent use as degasification boreholes:

(1) A cement plug shall be set in the wellbore by pumping an expanding cement slurry down the tubing to displace the gel and provide at least 200 feet of expanding cement below the lowest minable coal bed. The top of the

expanding cement shall extend upward to a point above the top of the coal bed being mined. This distance shall be based on the average height of the roof strata breakage for the mine.

(2) To facilitate methane drainage, degasification casing of suitable diameter, slotted or perforated throughout its lower 150 to 200 feet, shall be set in the borehole to a point 10 to 30 feet above the top of the expanding cement.

(3) The annulus between the degasification casing and the borehole wall shall be cemented from a point immediately above the slots or perforations to the surface.

(4) The degasification casing shall be cleaned out for its total length.

(5) The top of the degasification casing shall be fitted with a wellhead equipped as required by the District Manager. Such equipment may include check valves, shut-in valves, sampling port, flame arrestor equipment, and security fencing.

2. The following cut-through procedures (a-t) apply whenever the petitioner reduces the safety barrier diameter to a distance less than the District Manager would approve pursuant to Section 75.1700 or proceeds with an intent to cut through a plugged well:

a. Prior to reducing the safety barrier to a distance less than the District Manager would approve pursuant to Section 75.1700 or proceeding with an intent to cut through a plugged well, the operator shall notify the District Manager or his designee.

b. The MSHA District Manager or designee may conduct a conference prior to mining through any plugged well to review and approve the specific procedures for mining through the well. Representatives of the operator, the representative of the miners, and the appropriate State agency shall be informed, within a reasonable time prior to the conference, and be given an opportunity to attend

and participate. This meeting may be called by the operator.

c. Mining in close proximity to or through a plugged well shall be done on a shift approved by the District Manager or designee.

d. The District Manager or designee, representative of the miners, and the appropriate State agency shall be notified by the operator in sufficient time prior to the mining through operation in order to have an opportunity to have representatives present.

e. When using continuous mining equipment, drivage sights shall be installed at the last open crosscut near the place to be mined to ensure intersection of the well. The drivage sites shall not be more than 50 feet from the well. When using longwall mining methods, drivage sights shall be installed on 10-foot centers for a distance of 50 feet in advance of the well bore. The drivage sights shall be installed in the headgate and tailgate.

f. Firefighting equipment, including fire extinguishers, rock dust, and sufficient fire hose to reach the working face area of the mining through shall be available when either the conventional or continuous mining method is used. The fire hose shall be located in the last open crosscut of the entry or room. All fire hoses shall be ready for operation during the mining through.

g. Sufficient supplies of roof support and ventilation materials shall be available and located at the last open crosscut. In addition, an emergency plug and/or plugs shall be available in the immediate area of the cut through.

h. The quantity of air required by the approved mine ventilation plan, but not less than 6,000 cubic feet of air per minute for scrubber equipped continuous miners or not less than 9,000 cubic feet per minute for continuous miner sections using auxiliary fans or line brattice only, shall be used to ventilate the working face during the mining through operation. The quantity of air

required by the ventilation plan, but not less than 30,000 cfm, shall reach the working face of each future longwall during the mine-through operation.

i. Equipment shall be checked for permissibility and serviced on the shift prior to mining through the well.

j. The methane monitor(s) on the continuous mining machine or the longwall shear and face shall be calibrated on the shift prior to mining through the well.

k. When mining is in progress, tests for methane shall be made with a hand-held methane detector at least every 10 minutes from the time that mining with the continuous mining machine is within 30 feet of the well until the well is intersected and immediately prior to mining through. When mining with longwall mining equipment, the tests for methane shall be made at least every 10 minutes when the longwall face is within 10 feet of the well. During the actual cutting through process, no individual shall be allowed on the return side until mining through has been completed and the area has been examined and declared safe.

l. When using continuous mining methods, the working place shall be free from accumulations of coal dust and coal spillages, and rock dust shall be placed on the roof, rib and floor to within 20 feet of the face when mining through or near the well on the shift or shifts during which the cut through will occur. On longwall sections rock dusting shall be conducted and placed on the roof, rib, and floor up to both headgate and tailgate gob.

m. When the wellbore is intersected, all equipment shall be deenergized and the place thoroughly examined and determined safe before mining is resumed. Any well casing shall be removed and no open flame shall be permitted in the area until adequate ventilation has been established around the wellbore.

n. After a well has been intersected and the working place determined safe, mining shall continue inby the well a sufficient distance to permit adequate ventilation around the area of the wellbore.

o. No person shall be permitted in the area of the mining through operation except those actually engaged in the operation, company personnel, representatives of the miners, personnel from MSHA, and personnel from the appropriate State agency.

p. The mining through operation shall be under the direct supervision of a certified official. Instructions concerning the mining through operation shall be issued only by the certified official in charge.

q. MSHA personnel may interrupt or halt the mining through operation when it is necessary for the safety of the miners.

r. A copy of the petition shall be maintained at the mine and be available to the miners.

s. The Petitioner shall file a plugging affidavit setting forth the persons who participated in the work, a description of the plugging work, and a certification by the Petitioner that the well has been plugged as described.

t. Within 60 days after this PDO becomes final, the Petitioner shall submit proposed revisions for its approved 30 CFR Part 48 training plan to the Coal Mine Safety and Health District Manager. These proposed revisions shall include initial and refresher training regarding compliance with the terms and conditions stated in the PDO.

Any party to this action desiring a hearing on this matter must file in accordance with 30 CFR 44.14, within 30 days. The request for hearing must be filed with the Administrator for Coal Mine Safety and Health, 4015 Wilson Boulevard, Arlington, Virginia 22203.

If a hearing is requested, the request shall contain a concise summary of position on the issues of fact or law desired to be raised by the party requesting the hearing, including specific

objections to the proposed decision. A party other than Petitioner who has requested a hearing shall also comment upon all issues of fact or law presented in the petition, and any party to this action requesting a hearing may indicate a desired hearing site. If no request for a hearing is filed within 30 days after service thereof, the Decision and Order will become final and must be posted by the operator on the mine bulletin board at the mine.

Michael U. Lawless
Deputy Administrator
for Coal Mine Safety and Health

103-01123P

Certificate of Service

I hereby certify that a copy of this proposed decision was served personally or mailed, postage prepaid, this 13th day of July, 2001 to:

Robert M. Vukas, Esq.
CONSOL, Inc.
Consol Plaza
1800 Washington Road
Pittsburgh, Pennsylvania 15241-1421

Addressee of Record
Mr. James Siko, Superintendent
Consolidation Coal Company
Robinson Run No. 95
RT. 2, Box 152
Mannington, West Virginia 26582

Ms. Joyce A. Hanula
United Mine Workers
of America
8315 Lee Highway
Fairfax, Virginia 22031-2215

Susan Y. Lee

SUSAN Y. LEE
Mine Safety and Health Technician

cc: Mr. Ronald L. Harris

103-01123P

No. 1

SOUTH PENN OIL COMPANY—COMPLETION

SERIAL No. _____ FARM Stacy, J.T. WELL No. 5

ELEVATION _____ N. 3 S. _____ E. 5 W. _____

LEASE No. _____ ACRES Map 2052

WATERS OF Ten Mile Fork Co. Fork Fishing Creek

DISTRICT Grant COUNTY Wetzel STATE W.Va.

DRILLING COMMENCED 2/15/96 COMPLETED 3/26/96 DEPTH 2170

FOR. COAL & SAND	TOP	BOTTOM	ELEV. TOP	CASING	
Big Injun	768	775		10	525
1st Pay	2056			8¼	1316
2nd Pay	2151			6¼	2115
	2163				
				PACKERS AND DEPTH SET	

INITIAL PROD. 6 Bbls SAND Big Injun DEPTH 2163

GAS TEST _____ " _____ " _____

SHOT 12/4/01 QUARTS 16 " _____ " 2151

REMARKS _____

REPORTED BY _____ ABANDONED _____

RECEIVED
Office of Oil and Gas

MAR 12 2018

WV Department of
Environmental Protection

103-1123

"Pipeline"

Select County: (103) Wetzel
Enter Permit #: 1123
Get Data Reset

Select datatypes: (Check All)
Location, Owner/Completion, Pay/Show/Water, Production, Stratigraphy, Logs, Plugging, Sample, Btm Hole Loc

Table Descriptions
County Code Translations
Permit-Numbering Series
Usage Notes
Contact Information
Disclaimer
WVGES Main
"Pipeline-Plus" New

WV Geological & Economic Survey:

Well: County = 103 Permit = 1123

Report Time: Thursday, March 01, 2018 6:12:11 AM

Location Information: View Map

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710301123	Wetzel	1123	Grant	Folsom	Centerpoint	39.483263	-80.542044	539384.1	4370507.1

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710301123	3/26/1896	Original Loc	Completed	J W Starkey	5					South Penn Oil (S. Penn Nat. Gas)			
4710301123	12/4/1901	Worked Over	Completed	J W Starkey	5					South Penn Oil (S. Penn Nat. Gas)			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	G_BEF	G_AFT	O_BEF	O_AFT	NGL_BEF	NGL_AFT	P_BEF	TI_BEF	P_AFT	TI_AFT	BH
4710301123	3/26/1896	2/15/1896			Wallace-Folsom	Big Injun (undiff)	Big Injun (undiff)	unclassified	unclassified	Oil	Cable Tool	unknown	2170		2170	0	0	6	0			0	0	0	0	
4710301123	12/4/1901	-/-/-			Wallace-Folsom	Big Injun (undiff)	Big Injun (undiff)	unclassified	unclassified	not available	unknown	Shot	2170		0	0	0	0	0			0	0	0	0	

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4710301123	3/26/1896	Pay	Oil	Vertical			2151	Big Injun (undiff)	0	0			
4710301123	3/26/1896	Pay	Oil	Vertical			2163	Big Injun (undiff)	0	0			

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710301123	Pennzoil Company	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Pennzoil Company	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Pennzoil Company	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Pennzoil Company	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Pennzoil Products Company	1989	1,050	175	107	63	96	129	73	74	49	88	76	68	52
4710301123	Pennzoil Products Company	1990	570	101	9	2	36	50	18	63	44	0	101	56	90
4710301123	Pennzoil Products Company	1991	1,075	55	42	81	161	119	185	78	64	49	106	64	71
4710301123	Pennzoil Products Company	1992	165	75	49	0	0	0	0	0	0	0	0	0	41
4710301123	Pennzoil Products Company	1993	47	12	0	0	0	0	0	0	1	5	5	6	18
4710301123	Pennzoil Products Company	1994	201	10	49	62	9	13	16	14	16	9	3	0	0
4710301123	Pennzoil Products Company	1995	142	0	32	21	16	0	10	16	13	3	16	8	7
4710301123	Pennzoil Products Company	1996	13	4	0	0	0	0	1	3	0	5	0	0	0
4710301123	Cobham Gas Industries, Inc.	1996	57	0	0	0	0	0	0	0	0	0	39	14	4
4710301123	Cobham Gas Industries, Inc.	1997	1,124	4	10	107	52	74	127	150	136	100	123	125	116
4710301123	Cobham Gas Industries, Inc.	1998	1,284	115	109	107	117	132	125	50	141	128	123	74	63
4710301123	Cobham Gas Industries, Inc.	1999	671	12	0	64	53	46	9	98	104	88	92	26	79
4710301123	Cobham Gas Industries, Inc.	2001	502	28	31	35	37	39	51	52	43	39	55	51	41
4710301123	Cobham Gas Industries, Inc.	2002	354	2	2	9	19	26	25	43	45	34	97	34	18
4710301123	Cobham Gas Industries, Inc.	2003	382	17	14	0	36	56	52	43	42	50	51	0	21
4710301123	Cobham Gas Industries, Inc.	2004	443	8	12	27	29	37	47	45	59	43	54	41	41
4710301123	Trans Energy, Inc.	2006	204	8	6	16	18	20	17	20	25	24	23	12	15
4710301123	Trans Energy, Inc.	2007	820	14	9	17	33	45	38	79	93	81	163	170	78
4710301123	Trans Energy, Inc.	2008	1,709	115	108	186	202	236	131	235	181	27	203	3	82
4710301123	Trans Energy, Inc.	2009	1,873	79	130	212	204	213	201	217	184	205	228	0	0
4710301123	Trans Energy, Inc.	2010	2,126	155	155	163	188	196	198	208	217	188	199	166	93
4710301123	Trans Energy, Inc.	2011	1,946	78	125	169	168	166	184	190	193	180	177	168	148
4710301123	Trans Energy, Inc.	2012	1,730	83	123	151	134	161	160	154	192	170	163	146	93
4710301123	Diversified Resources, Inc.	2013	1,677	41	22	140	186	201	174	168	175	136	143	154	137
4710301123	Diversified Resources, Inc.	2014	1,468	143	154	137	124	80	106	159	128	158	127	42	110
4710301123	Diversified Resources, Inc.	2015	458	110	61	24	0	3	15	37	62	35	15	54	42
4710301123	Diversified Resources, Inc.	2016	480	19	18	42	24	44	60	56	50	56	62	27	22

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710301123	Pennzoil Company	1981	596	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Pennzoil Company	1982	364	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Pennzoil Company	1983	588	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Pennzoil Company	1984	634	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Pennzoil Products Company	1989	142	11	14	16	12	14	11	15	10	10	11	11	7
4710301123	Pennzoil Products Company	1990	107	9	11	11	9	11	8	9	9	7	9	7	7
4710301123	Pennzoil Products Company	1991	183	14	20	23	26	15	10	10	13	9	11	14	18
4710301123	Pennzoil Products Company	1992	258	17	8	7	17	16	18	51	30	33	15	21	25
4710301123	Pennzoil Products Company	1993	206	36	19	14	17	16	10	10	10	9	9	8	48
4710301123	Pennzoil Products Company	1994	93	12	8	9	9	8	10	8	8	0	0	0	21
4710301123	Pennzoil Products Company	1995	98	16	14	4	6	7	6	8	8	8	9	7	5
4710301123	Pennzoil Products Company	1996	86	5	5	7	4	5	16	7	4	4	29	0	0
4710301123	Cobham Gas Industries, Inc.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4710301123	Cobham Gas Industries, Inc.	1997	491	0	329	0	0	19	0	79	0	15	0	27	22
4710301123	Cobham Gas Industries, Inc.	1998	457	0	0	0	203	0	0	0	30	199	0	25	0
4710301123	Cobham Gas Industries, Inc.	1999	284	33	0	0	0	182	0	10	0	0	59	0	0
4710301123	Cobham Gas Industries, Inc.	2001	80	0	0	21	0	7	0	0	37	0	0	15	0
4710301123	Cobham Gas Industries, Inc.	2002	35	0	27	8	0	0	0	0	0	0	0	0	0
4710301123	Cobham Gas Industries, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0

103-01123P

WVGES - Oil and Gas Wells of West Virginia

Refresh Map Auto Refresh

WVGES Home Page Other WVGES IMS Maps Interactive Map Help Map F.A.Q.s
"Pipeline" "Pipeline-Plus" Disclaimer
Remember to allow popups and javascripts for this site.

LAYERS

- All Layers
  - Gas and Oil Data
    - Gas and Oil Wells
  - OG Misc Layers
    - Well Type Groupings
      - Combination Wells
      - Gas Wells
      - Oil Wells
  - Base Layers

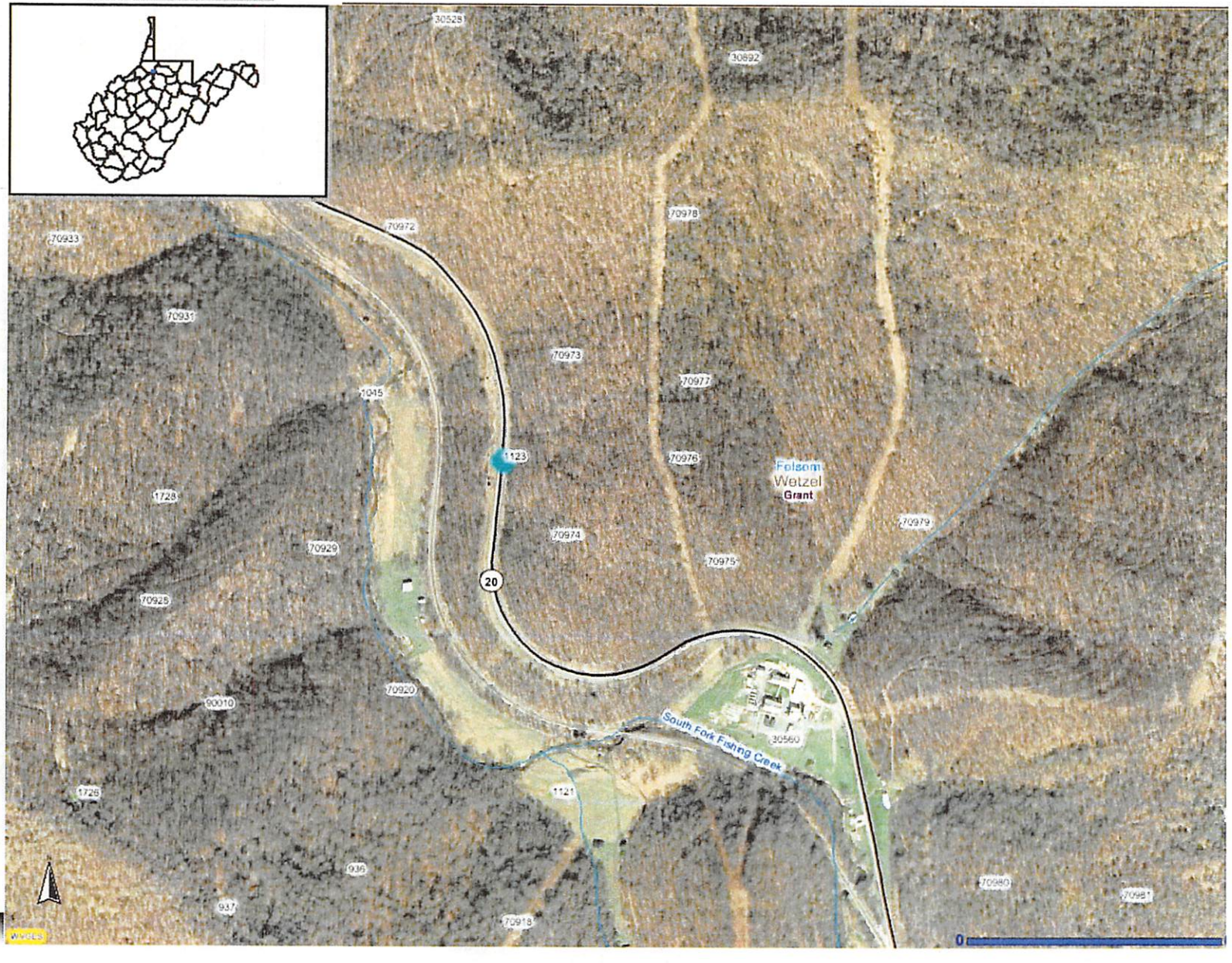
Refresh Map Auto Refresh

Help:

- A closed group, click to open.
- An open group, click to close.
- A map layer.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.
- The layer is hyperlinked to further information.

Gas and Oil Well Legend:

- Gas Well
- Oil Well
- Combination (Oil and Gas) Well
- Dry Well
- Service Well
- Other Well (including Permits)



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... Pan ...

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CIPANTS:

L OPERATOR: PENNZOIL COMPANY MAR 5 - 1981 014730

1ST PURCHASER: CONSOLIDATED GAS SUPPLY CORP 004228

Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
100930 -108- 103- 1123
Use Above File Number on all Communications Relating to Determination of this Well

NO Gas Production

Qualifies

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

NO.

1. FERC -121 ✓ Items not completed - Line No. ____

2. IV-1 Agent ✓ JAMES A. CREWS

3. IV-2 Well Permit ____

4. IV-6 Well Plat ✓

5. IV-35 Well Record ✓ Drilling ✓ Deepening ____

6. IV-36 Gas-Oil Test: ✓ Gas Only ____ Was Oil Produced? ____ Ratio ____

7. IV-39 Annual Production 19 months / years

8. IV-40 90 day Production 92 Days off line: ____

9. IV-48 Application for certification. Complete? ✓

10. IV Form 51 - 52 - 53 - 54 - 55 - (56) - 57 - 58 Complete? ✓ Affidavit Signed ✓

11. Other: Survey ____ Logs ____ Geological Charts ____
Structure Map ____ 1: 4000 Map ____ Well Tabulations ____
Gas Analyses ____

Frac 12-4-01

(5) Date commenced: 3-15-96 Date completed 3-26-96 Deepened ____

(6) Production Depth: 2163

(7) Production Formation: Big Injun

(8) Final Open Flow: ____

(9) After Frac. R. P. ____

(10) Other Gas Test: ____

(11) Avg. Daily Gas from Annual Production: 0/365 = No Gas, ___/___ = .9 Mcf/day

(12) Avg. Daily Gas from 90-day ending w/1-120 days 0/92 = No Gas, ___/___ = .9 Mcf/day

(13) Line Pressure: ____ PSIG from Daily Rep

(14) Oil Production: yes From Completion Report 6 Bbl

(15) Does lease inventory indicate enhanced recovery being done NO

(16) Is affidavit signed? ✓ Notarized? ✓

Does official well record with the Department confirm the submitted information? NO

Additional information ____ Does computer program confirm? ____

Was Determination Objected to ____ By Whom? ____

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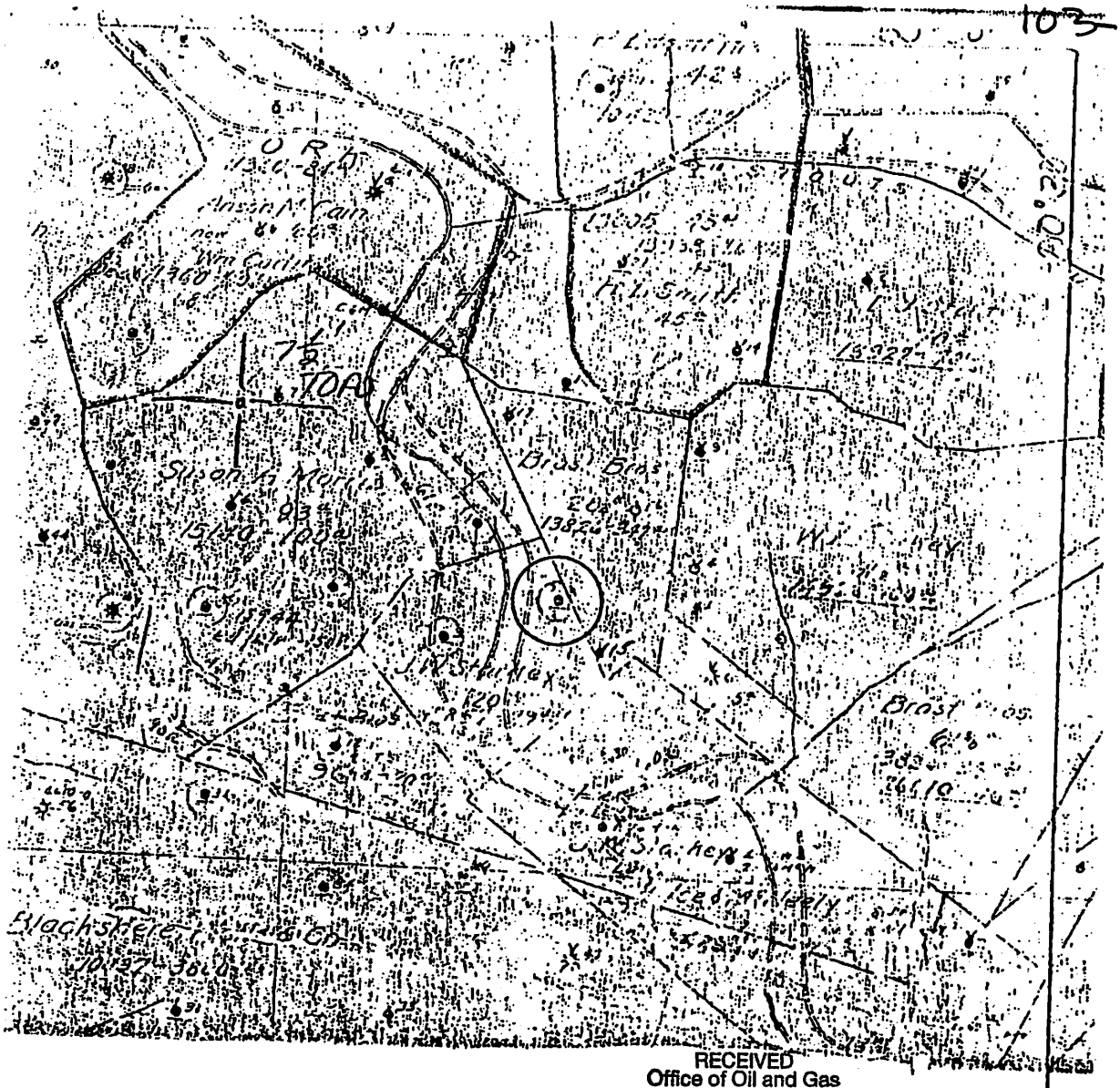

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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6
(8-78)

159N3E5

DATE JAN 26, 1979
OPERATOR'S WELL NO 5
API WELL NO.
47 - 103 - 1123
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL X GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X)

LOCATION: ELEVATION ___ WATER SHED St. Fk Fishing Creek
DISTRICT Grant COUNTY Wetzel
QUADRANGLE Folsom

SURFACE OWNER ___ ACREAGE ___
OIL & GAS ROYALTY OWNER ___ LEASE ACREAGE ___
LEASE NO. ___

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION ___ ESTIMATED DEPTH ___

WELL OPERATOR Pennzoil Company
ADDRESS P. O. Box 1588
Parkersburg, WV 26101

DESIGNATED AGENT James A. Crews
ADDRESS P. O. Box 1588
Parkersburg, WV 26101

U. Starkey -5

103-01123P

WW-4A
Revised 6-07

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1) Date: MARCH 2, 2018
2) Operator's Well Number
7122
3) API Well No.: 47 - 103 - 01123

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: RONNIE J. & SUSIE TALKINGTON
Address: 324 WILLIAM LN.
SMITHFIELD, WV 26437
(b) Name:
Address:
(c) Name:
Address:

5) (a) Coal Operator
Name: CONSOLIDATION COAL CO.
Address: 1 BRIDGE STREET
MONONGAH, WV 26554
(b) Coal Owner(s) with Declaration
Name:
Address:
Name:
Address:
(c) Coal Lessee with Declaration
Name:
Address:

6) Inspector: DEREK HAUGHT
Address: P.O. BOX 85
SMITHVILLE, WV 26178
Telephone: (304) 206-7613

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.

Dave Roddy

Well Operator: CONSOLIDATION COAL COMPANY
By: DAVID RODDY
Its: PROJECT ENGINEER
Address: 1 BRIDGE STREET
MONONGAH, WV 26554
Telephone: (304) 534-4748

OFFICIAL SEAL
Notary Public, State of West Virginia
JANET L LIEVING
199 Broadview Avenue
Fairmont, WV 26554
My commission expires June 13, 2024

Subscribed and sworn before me this 7th day of March, 2018
Janet L Lieving Notary Public
My Commission Expires June 13, 2024

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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WW-9
(5/16)

API Number 47 - 103 - 01123
Operator's Well No. 7172

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

Operator Name Consolidation Coal Company OP Code 10950

Watershed (HUC 10) SOUTH FORK FISHING CREEK Quadrangle FOLSOM, WV 7.5'

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 Tanks, see attached letter

DMH 3/23/18

Will closed loop systembe used? If so, describe: Yes. Gel circulated from tank thru well bore and returned to tank

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

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

Additives to be used in drilling medium? Bentonite, Bicarbonate of Soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Shaker cutting buried on site.

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

-Landfill or offsite name/permit number? N/A

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.

Company Official Signature _____

Company Official (Typed Name) DAVID RODDY

Company Official Title Project Engineer

Subscribed and sworn before me this 16 day of March, 2018

Notary Public, State of West Virginia
JANET L LIEVING
169 Broadview Avenue
Fairmont, WV 26554
My commission expires June 13, 2024

Janet L Lieving Notary Public

My commission expires June 13, 2024

103-01123P

Form WW-9

Operator's Well No. 7122

Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.0

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
See Attachment	100	See Attachment	100

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: Derek M. Haught

Comments: _____

Title: Oil & Gas Inspector Date: 3/23/18

Field Reviewed? (X) Yes ( ) No

103-01123P

WW-9- GPP
Rev. 5/16

N/A

Page _____ of _____
API Number 47 - 103 - 01123
Operator's Well No. 7122

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
GROUNDWATER PROTECTION PLAN

Operator Name: CONSOLIDATION COAL COMPANY

Watershed (HUC 10): SOUTH FORK FISHING CREEK Quad: FOLSOM, WV 7.5'

Farm Name: _____

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

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4. Summarize all activities at your facility that are already regulated for groundwater protection.

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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WW-9- GPP
Rev. 5/16

N/A

Page _____ of _____
API Number 47 - 103 - 01123
Operator's Well No. 7122

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Signature: _____

Date: _____

103-01123P

Consolidation Coal Company
Northern West Virginia Operations
1 Bridge Street
Monongah, WV 26554

phone: 304-534-4748
fax: 304-534-4739
e-mail: ronnieharsh@consolenergy.com
web: www.coalsource.com

*Name: RONNIE HARSH
*title: Project Engineer

April. 7, 2014

Department of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304-2345
Phone: (304) 926-0499
Fax: (304) 926-0452

To Whom It May Concern:

As per the Department of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company, Northern West Virginia Operations, submits the following procedures utilizing pit waste.

Upon submitting a well work application (without general permit for Oil and Gas Pit Waste Discharge Application), Consolidation Coal Company, Northern West Virginia Operations, will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP impoundment facilities number U-78-83, U-104-83, or U-1011-93.

Sincerely,

Ronnie Harsh
Project Engineer

103-01123P

CAUDILL SEED * 1064 E MAIN HWY 60 HOUSE #2 * MOREHEAD KY 40351 * AMS # 4923

7M1000

NOTICE TO CONSUMERS

"Notice: Arbitration/conciliation/mediation required by several states. Under the seed laws of several states, arbitration, mediation, or conciliation is required as a prerequisite to maintaining a legal action based upon the failure of seed, to which this notice is attached, to produce as represented. The consumer shall file a complaint (sworn for AR, FL, IN, MS, SC, TX, WA; signed only CA, ID, ND, SD) along with the required filing fee (where applicable) with the Commissioner/Director/Secretary of Agriculture, Seed Commissioner (IN), or Chief Agricultural Officer within such time as to permit inspection of the crops, plants, or trees by the designated agency and the seedsman from whom the seed was purchased. A copy of the complaint shall be sent to the seller by certified or registered mail or as otherwise provided by state statue."

NOTICE TO BUYER: WE WARRANT THAT SEEDS WE SELL WILL CONFORM TO THE LABEL DESCRIPTION REQUIRED UNDER STATE AND FEDERAL LAWS, WITHIN RECOGNIZED TOLERANCES. WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR PURPOSE, OR OTHERWISE, WHICH WOULD EXTEND BEYOND SUCH DESCRIPTIONS, AND IN ANY EVENT OUR LIABILITY FOR BREACH OF ANY WARRANTY OR CONTRACT WITH RESPECT TO SUCH SEED IS LIMITED TO THE PURCHASE PRICE OF SUCH SEEDS.

MIXTURE-COASTAL SEED 2015
LOT NO:7M1000 NET WT 50
CROP: .58 INERT: 1.56 WEED SEED: .26

KIND	VARIETY	ORG	PURE	GERM	HARD	DORM	TEST
ANNUAL RYEGRASS	MAGNUM	OR	29.40	90.00	.00	.00	10/16
ORCHARDGRASS	POTOMAC	OR	11.39	85.00	.00	.00	11/16
COATING MATERIAL			8.00	.00	.00	.00	11/16
PERENNIAL RYEGRASS	LINN	OR	19.60	85.00	.00	.00	11/16
CLOVER	NOT STATED	OR	6.40	85.00	.00	.00	12/16
COATING MATERIAL			3.40	.00	.00	.00	12/16
TIMOTHY	CLIMAX	CAN	9.80	85.00	.00	.00	10/16
BIRDSFOOT TREFOIL	NOT STATED	CAN	2.83	83.00	7.00	.00	11/16
COATING MATERIAL			1.91	.00	.00	.00	11/16
LADINO CLOVER	SEMINOLE	OR	3.17	60.00	25.00	.00	8/16
COATING MATERIAL			1.70	.00	.00	.00	8/16

Memo
Treatments

NOXIOUS WEEDS PER LB:

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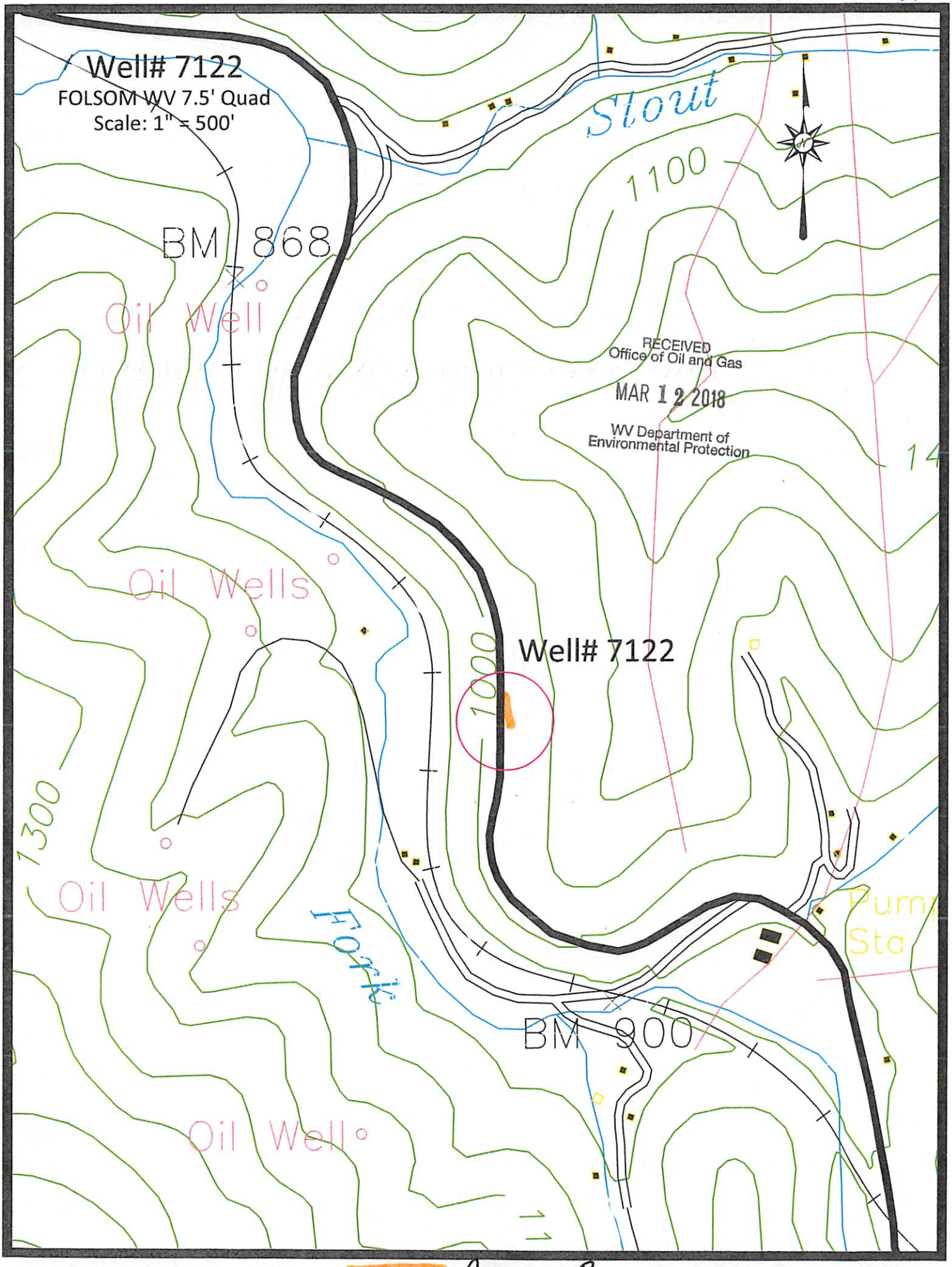
Well# 7122
FOLSOM WV 7.5' Quad
Scale: 1" = 500'
Stout
1100
BM 868
Oil Well
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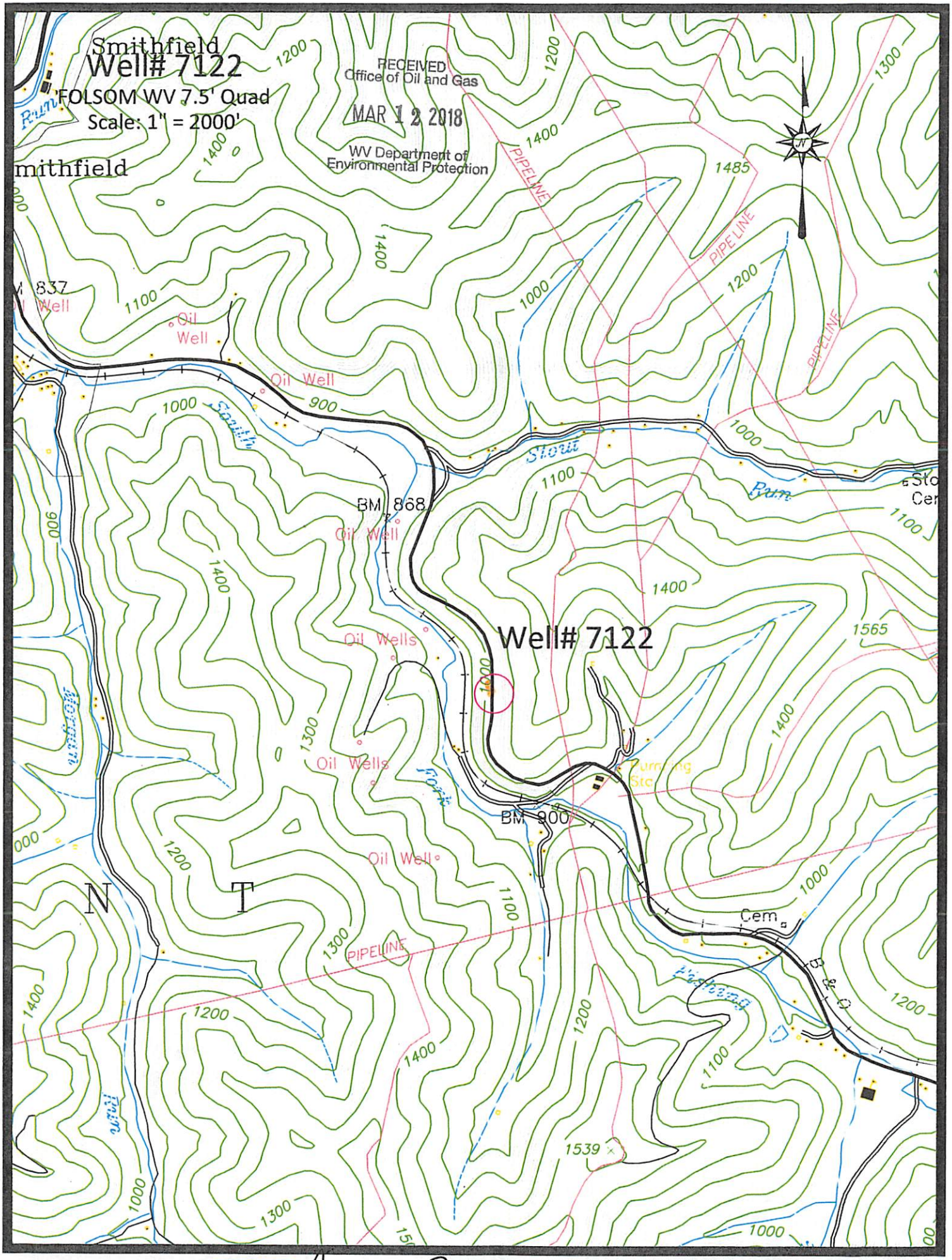
MAR 12 2018
WV Department of
Environmental Protection
Oil Wells
Well# 7122
1000
1300
Oil Wells
Fork
Pump
Sta
BM 900
Oil Well
Access Road

103-01123 P



Access Road

103-01123 P

WW-7
8-30-06

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

API: 47-103-01123 **WELL NO.:** 7122

FARM NAME: J.W. STARKEY

RESPONSIBLE PARTY NAME: CONSOLIDATION COAL COMPANY

COUNTY: WETZEL **DISTRICT:** GRANT

QUADRANGLE: FOLSOM, WV 7.5'

SURFACE OWNER: RONNIE J. & SUSIE TALKINGTON

ROYALTY OWNER:

UTM GPS NORTHING: 4,370,513 m

UTM GPS EASTING: 539,364 m **GPS ELEVATION:** 305 m (1000')

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 X: Post Processed Differential X

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.

Signature	Professional Surveyor	MARCH 2, 2018
	Title	Date

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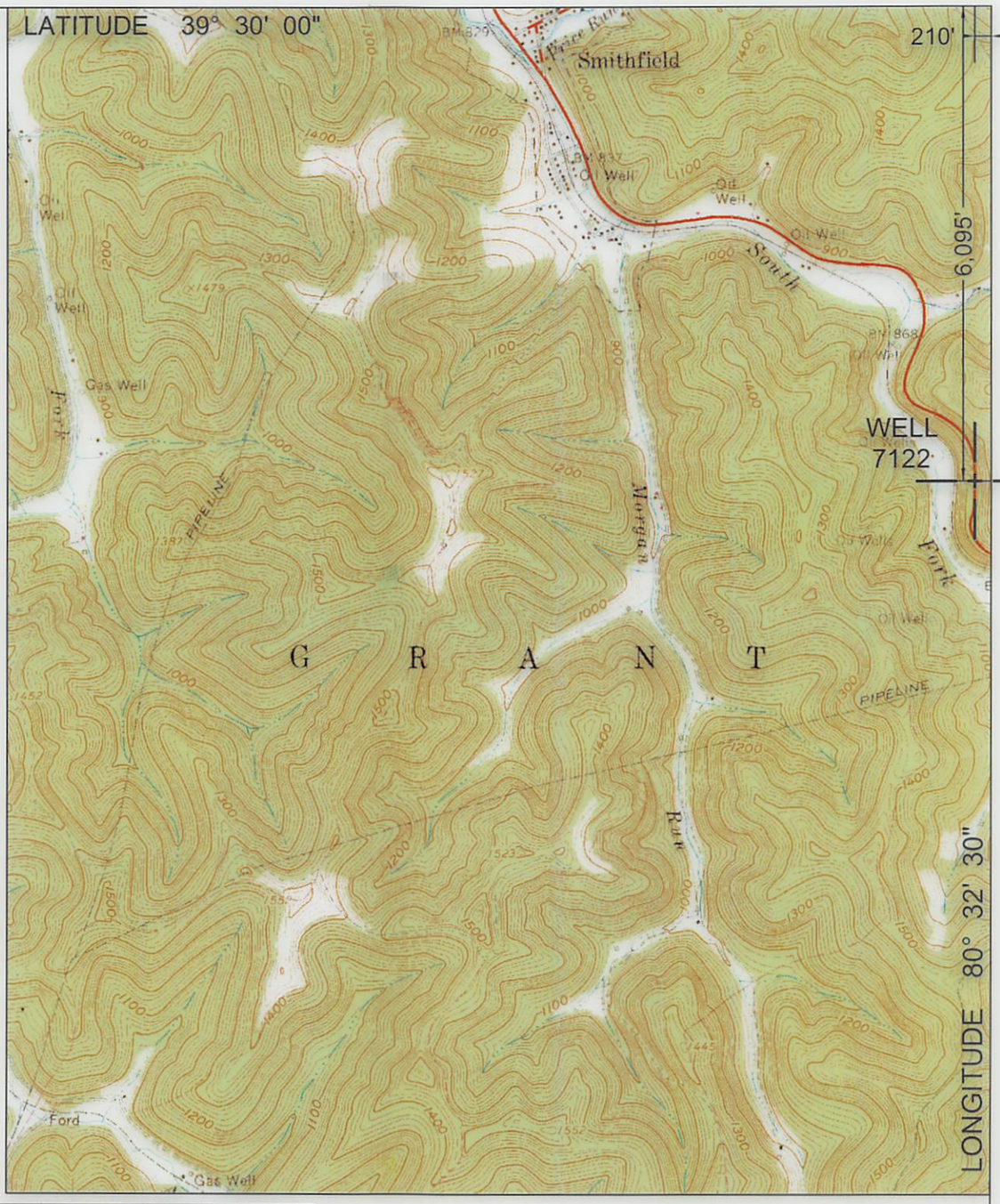
FORM WW 6



SURROUNDING WELLS WITHIN 1200' RADIUS

UTM ZONE 17 COORDINATES		TRUE LATITUDE/LONGITUDE
NORTHING 4,370,513	METERS	39° 28' 59.64" N
EASTING 539,364	METERS	80° 32' 32.84" W

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 ENVIRONMENTAL PROTECTION.

P.S. 2002

TROY B. FREELS LICENSED No. 2002 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE MARCH 2 , 20 18

OPERATORS WELL NO. 7122

API WELL NO. 47 — 103 — 01123 P
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY: 1 / 2500

PROVEN SOURCE OF ELEVATION: GPS METADATA OR COMPANY NETWORK TIED INTO U.S.G.S.

FILE NO.: FOLSOM2.DWG

SCALE: 1"=2000'

WV DEP
OFFICE OF OIL AND GAS
601 57TH ST., CHARLESTON, WV 25304

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

LOCATION:

ELEVATION: 1000.00' WATERSHED: SOUTH FORK FISHING CREEK

DISTRICT: GRANT COUNTY: WETZEL QUADRANGLE: FOLSOM, WV 7.5'

SURFACE OWNER: RONNIE J. & SUSIE TALKINGTON ACREAGE: 30± ACRES

ROYALTY OWNER: ____ LEASE ACREAGE: ____

PROPOSED WORK: ____ LEASE NO.: ____

DRILL: ____ CONVERT: ____ DRILL DEEPER: ____ REDRILL: ____ FRACTURE OR STIMULATE: ____ PLUG OFF OLD: ____

FORMATION: ____ PERFORATE NEW FORMATION: ____ PLUG AND ABANDON: X CLEAN OUT AND REPLUG: ____ OTHER: ____

PHYSICAL CHANGE IN WELL (SPECIFY): ____ TARGET FORMATION: NONE

ESTIMATED DEPTH: ____

COUNTY NAME

PERMIT

WELL OPERATOR: CONSOLIDATION COAL COMPANY DESIGNATED AGENT: DAVID RODDY

ADDRESS: 1 BRIDGE ST., MONONGAH, WV 26554 ADDRESS: 1 BRIDGE ST., MONONGAH, WV 26554