



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, September 28, 2020
WELL WORK PLUGGING PERMIT
Vertical Plugging

LEATHERWOOD, LLC
1000 CONSOL ENERGY DRIVE
CANONSBURG, PA 15317

Re: Permit approval for 1
47-051-00692-00-00

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: 1
Farm Name: CARMICHAEL, H. A.
U.S. WELL NUMBER: 47-051-00692-00-00
Vertical Plugging
Date Issued: 9/28/2020

PERMIT CONDITIONS

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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 September 1, 2020
2) Operator's Well No. 5284
3) API Well No. 47-051-00692

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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 1326.93 Watershed Wheeling Creek
District Glen Easton County Marshall Quadrangle Majorsville, WV 7.5

6) Well Operator Leatherwood LLC 7) Designated Agent Gina Newhouse
Address 1000 CONSOL Energy Drive Address 1627 Quarrier Street
Canonsburg, PA 15317 Charleston, WV 25311

8) Oil and Gas Inspector to be notified Name James Nicholson
Address P.O. Box 44
Moundsville, WV 26041
9) Plugging Contractor Name Coastal Drilling East
Address 130 Meadow Ridge Road, Suite 24
Mount Morris, PA 15349

10) Work Order: The work order for the manner of plugging this well is as follows:
The 5 1/2" casing will be cleaned out to TD or to an attainable bottom.
A CBL will be completed on the well. A bottom cement plug will be placed.
FACE 5 1/2" CASING WILL BE CUT AND PULLED, THEN CEMENT TO BOTTOM OF 8 5/8".
No gel spacers will be used. Any free pipe will be removed.
The 8 5/8" casing will be section milled thru the Pittsburgh coal seam.
The well will be cemented from the bottom cement plug to the surface using expanding cement. A permanent well marker will be placed on the surface.

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See Exhibit No. 1 and MSHA 101C petition

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

Work order approved by inspector *Jim Nicholson* Date 9/2/2020

DEC 18 2013

In the matter of:
Consol Pennsylvania Coal Company LLC

Petition for Modification

Bailey Mine
I. D. No. 36-07230

MSHA 101C
EXEMPTION

BMX Mine
I. D. No. 36-10045

Docket No. M-1983-129-C

PROPOSED DECISION AND ORDER

On October 06, 1983, a petition was filed seeking a modification of the application of 30 CFR. 75.1700 to Petitioner's Bailey Mine located in Green County, Pennsylvania. **The Petitioner has split the Bailey Mine by installing 120 psi seals and calling the other half the BMX Mine. This Amended Decision and Order includes the BMX Mine in the original Order and will supersede the original Decision and Order. The mine conditions are the same for both mines. All terms and conditions will pertain to both mines.** 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.

MSHA investigators conducted an investigation relevant to the merits of the petition and filed a report of their findings and recommendations with the Chief, Division of Safety, Coal Mine Safety and Health. After a careful review of the entire record, including the petition and MSHA's investigation report and recommendation, this Proposed Decision and Order is issued.

Finding of Fact and Conclusion of Law

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

On the basis of the petition and the findings of MSHA's investigation, Consol Pennsylvania Coal Company LLC is entitled to a modification of the application of 30 C. F. R. § 75.1700 to its Bailey Mine and BMX Mine.

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ORDER

Under the authority delegated by the Secretary of Labor to the Administrator for Coal Mine Safety and Health, and under § 101(c) of the Federal Mine Safety and Health Act of 1977, 30 U.S.C. § 811(c), and 30 C.F.R. Part 44, a modification of the application of 30 C.F.R. § 75.1700 at the Bailey Mine and BMX Mine is hereby:

GRANTED, subject to the following terms and conditions:

1. DISTRICT MANAGER APPROVAL REQUIRED

- a. A safety barrier of 300 feet in diameter (150 feet between any mined area and a well) shall be maintained around all oil and gas wells (defined herein to include all active, inactive, abandoned, shut-in, and previously plugged wells, and including water injection wells) until approval to proceed with mining has been obtained from the district manager.
- b. Prior to mining within the safety barrier around any well, the mine operator shall provide to the district manager a sworn affidavit or declaration executed by a company official stating that all mandatory procedures for cleaning out, preparing, and plugging each gas or oil well have been completed as described by the terms and conditions of this order. The affidavit or declaration must be accompanied by all logs described in subparagraphs 2(a)(2) and 2(a)(3) below and any other records described in those subparagraphs which the district manager may request. The district manager will review the affidavit or declaration, the logs and any other records that have been requested, and may inspect the well itself, and will then determine if the operator has complied with the procedures for cleaning out, preparing and plugging each well as described by the terms and conditions of this Order. If the district manager determines that the procedures have been complied with, he will provide his approval, and the mine operator may then mine within the safety barrier of the well, subject to the terms of this Order.
- c. The terms and conditions of this Order apply to all types of coal mining.

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2. MANDATORY PROCEDURES FOR CLEANING OUT, PREPARING, PLUGGING AND REPLUGGING OIL OR GAS WELLS

a. MANDATORY PROCEDURES FOR CLEANING OUT AND PREPARING OIL AND GAS WELLS PRIOR TO PLUGGING OR REPLUGGING

- (1) If the total depth of the well is less than 4,000 feet., the operator shall completely clean out the well from the surface to at least 200 ft. below the base of the lowest mineable coal seam, unless the district manager requires cleaning to a greater depth based on his judgment as to what is required due to the geological strata, or due to the pressure within the well (the operator shall provide the district manager with all information it possesses concerning the geological nature of the strata and the pressure of the well). If the total depth of the well is 4,000 feet, or greater, the operator shall completely clean out the well from the surface to at least 400 feet below the base of the lowest mineable coal seam. The operator shall remove all material from the entire diameter of the well, wall to wall.
- (2) The operator shall prepare down-hole logs for each well. They shall consist of a caliper survey and log(s) suitable for determining the top, bottom, and thickness of all coal seams and potential hydrocarbon producing strata and the location for a bridge plug. The district manager may approve the use of a down-hole camera survey in lieu of down-hole logs. In addition, a journal shall be maintained describing the depth of each material encountered, the nature of each material encountered; bit size and type used to drill each portion of the hole; length and type of each material used to plug the well; length of casing(s) removed, perforated or ripped or left in place, any sections where casing was cut or milled; and other pertinent information concerning cleaning and sealing the well. Invoices, work-orders, and other records relating to all work on the well shall be maintained as part of this journal and provided to MSHA upon request.
- (3) When cleaning out the well as provided for in subparagraph (a)(1), the operator shall make a diligent effort to remove all of the casing in the well. If it is not possible to remove all of the casing, then the operator must take appropriate steps to ensure that the annulus between casings and between the outer casings and the well walls are

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filled with expanding (minimum 0.5% expansion upon setting) cement and contain no voids. If the casing cannot be removed, it must be cut or milled at all mineable coal seam levels. Any casing which remains shall be perforated or ripped. Perforations or rips are required at least every 50 feet from 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam up to 100 feet above the uppermost mineable coal seam. If the operator, using a casing bond log, can demonstrate to the satisfaction of the district manager that all annuli in the well are already adequately sealed with cement, then the operator will not be required to perforate or rip the casing for that particular well. When multiple casing and tubing strings are present in the coal horizon(s), any casing which remains shall be ripped or perforated and filled with expanding cement as indicated above. An acceptable casing bond log for each casing and tubing string is needed if used in lieu of ripping or perforating multiple strings.

- (4) If the district manager concludes that the completely cleaned-out well is emitting excessive amounts of gas, the operator must place a mechanical bridge plug in the well. It must be placed in a competent stratum at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam, but above the top of the uppermost hydrocarbon-producing stratum, unless the district manager requires a greater distance based on his judgment that it is required due to the geological strata, or due to the pressure within the well (the operator shall provide the district manager with all information it possesses concerning the geological nature of the strata and the pressure of the well). If it is not possible to set a mechanical bridge plug, an appropriately sized packer may be used.
- (5) If the upper-most hydrocarbon-producing stratum is within 300 feet of the base of the lowest minable coal seam, the operator shall properly place mechanical bridge plugs as described in subparagraph (a)(4) to isolate the hydrocarbon producing stratum from the expanding cement plug. Nevertheless, the operator shall place a minimum of 200 feet (400 feet if the total well depth is 4,000 feet or greater) of expanding cement below the lowest mineable coal seam, unless the district manager requires a greater distance based on his judgment that it is required due to the geological strata, or due to the pressure within the well.

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b. MANDATORY PROCEDURES FOR PLUGGING OR REPLUGGING OIL OR GAS WELLS TO THE SURFACE.

After completely cleaning out the well as specified in paragraph 2(a) above, the following procedures shall be used to plug or replug gas or oil wells to the surface:

(1) The operator shall pump expanding cement slurry down the well to form a plug which runs from at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam (or lower if required by the district manager based on his judgment that a lower depth is required due to the geological strata, or due to the pressure within the well) to the surface. The expanding cement will be placed in the well under a pressure of at least 200 pounds per square inch. Portland cement or a lightweight cement mixture may be used to fill the area from 100 feet above the top of the uppermost mineable coal seam (or higher if required by the district manager based on his judgment that a higher distance is required due to the geological strata, or due to the pressure within the well) to the surface.

(2) The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level with the API well number engraved or welded on the casing. When the hole cannot not be marked with a physical monument (i.e. prime farmland), high-resolution GPS coordinates (one-half meter resolution) are required.

c. MANDATORY PROCEDURES FOR PLUGGING OR REPLUGGING OIL AND GAS WELLS FOR USE AS DEGASIFICATION BOREHOLES.

After completely cleaning out the well as specified in paragraph 2(a) above, the following procedures shall be utilized when plugging or replugging oil or gas wells that are used as degasification boreholes:

(1) The operator shall set a cement plug in the well by pumping an expanding cement slurry down the tubing to provide at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) of expanding cement below the lowest mineable coal seam, unless the district manager requires a greater depth based on his judgment that a

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greater depth is required due to the geological strata, or due to the pressure within the well. The expanding cement will be placed in the well under a pressure of at least 200 pounds per square inch. The top of the expanding cement shall extend at least 100 feet above the top of the coal seam being mined, unless the district manager requires a greater distance based on his judgment that a greater distance is required due to the geological strata, or due to the pressure within the well.

- (2) The operator shall securely grout into the bedrock of the upper portion of the degasification well, a suitable casing in order to protect it. The remainder of this well may be cased or uncased.
- (3) The operator shall fit the top of the degasification casing with a wellhead equipped as required by the district manager in the approved ventilation plan. Such equipment may include check valves, shut-in valves, sampling ports, flame arrestor equipment, and security fencing.
- (4) Operation of the degasification well shall be addressed in the approved ventilation plan. This may include periodic tests of methane levels and limits on the minimum methane concentrations that may be extracted.
- (5) After the area of the coal mine that is degassed by a well is sealed or the coal mine is abandoned, the operator must seal degas holes using the following procedures:
 - (i) The operator shall insert a tube to the bottom of the drill hole or, if not possible, to at least 100 feet above the coal seam being mined. Any blockage must be removed to ensure that the tube can be inserted to this depth.
 - (ii) The operator shall set a cement plug in the well by pumping Portland cement or a lightweight cement mixture down the tubing until the well is filled to the surface.
 - (iii) The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level with the API well number engraved or welded on the casing.

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d. MANDATORY ALTERNATIVE PROCEDURES FOR PREPARING AND PLUGGING OR REPLUGGING OIL OR GAS WELLS.

The following provisions apply to all wells which the operator determines, and the MSHA district manager agrees, cannot be completely cleaned out due to damage to the well caused by subsidence, caving or other factors.

(1) The operator shall drill a hole adjacent and parallel to the well, to a depth of at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the lowest mineable coal seam, unless the district manager requires a greater depth based on his judgment that a greater depth is required due to the geological strata, or due to the pressure within the well.

(2) The operator shall use a geophysical sensing device to locate any casing which may remain in the well.

(3) If the well contains casing(s), the operator shall drill into the well from the parallel hole. From 10 feet below the coal seam to 10 feet above the coal seam, the operator shall perforate or rip all casings at intervals of at least 5 feet. Beyond this distance, the operator shall perforate or rip at least every 50 feet from at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam up to 100 feet above the seam being mined, unless the district manager requires a greater distance based on his judgment that a greater distance is required due to the geological strata, or due to the pressure within the well. The diagram shown in Appendix A is representative of the placement of the perforation or ripping that must be done. The operator shall fill the annulus between the casings and between the casings and the well wall with expanding (minimum 0.5% expansion upon setting) cement, and shall ensure that these areas contain no voids. If the operator, using a casing bond log, can demonstrate to the satisfaction of the district manager that the annulus of the well is adequately sealed with cement, then the operator will not be required to perforate or rip the casing for that particular well, or fill these areas with cement. When multiple casing and tubing strings are present in the coal horizon(s), any casing which remains shall be ripped or perforated and filled with expanding cement as indicated above. An acceptable casing bond log for each casing and tubing string is needed if used in lieu of ripping or perforating multiple strings.

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(4) Where the operator determines, and the district manager agrees, that there is insufficient casing in the well to allow the method outlined in subparagraph (d)(3) to be used, then the operator shall use a horizontal hydraulic fracturing technique to intercept the original well. From at least 200 feet (400 feet if the total well depth is 4,000 feet or greater) below the base of the lowest mineable coal seam to a point at least 50 feet above the seam being mined, the operator shall fracture in at least six places at intervals to be agreed upon by the operator and the district manager after considering the geological strata and the pressure within the well. The operator shall then pump expanding cement into the fractured well in sufficient quantities and in a manner which fills all intercepted voids.

(5) The operator shall prepare down-hole logs for each well. They shall consist of a caliper survey and log(s) suitable for determining the top, bottom, and thickness of all coal seams and potential hydrocarbon producing strata and the location for the bridge plug. The operator may obtain the logs from the adjacent hole rather than the well if the condition of the well makes it impractical to insert the equipment necessary to obtain the log. The district manager may approve the use of a down-hole camera survey in lieu of down-hole logs if in his judgment such logs would not be suitable for obtaining the above-listed data or are impractical to obtain due to the condition of the drill hole. A journal shall be maintained describing the depth of each material encountered, the nature of each material encountered; bit size and type used to drill each portion of the hole; length and type of each material used to plug the well; length of casing(s) removed, perforated or ripped or left in place; and other pertinent information concerning sealing the well. Invoices, work-orders, and other records relating to all work on the well shall be maintained as part of this journal and provided to MSHA upon request.

(6) After the operator has plugged the well as described in subparagraphs (d)(3) and/or (d)(4), the operator shall plug the adjacent hole, from the bottom to the surface, with Portland cement or a lightweight cement mixture. The operator shall embed steel turnings or other small magnetic particles in the top of the cement near the surface to serve as a permanent magnetic monument of the well. In the alternative, a 4 inch or larger casing, set in cement, shall extend at least 36 inches above the ground level

A combination of the methods outlined in subparagraphs (d)(3) and (d)(4) may have to be used in a single well, depending upon the conditions of the hole and the presence of casings.

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The operator and the district manager should discuss the nature of each hole. The district manager may require that more than one method be utilized.

3. MANDATORY PROCEDURES AFTER APPROVAL HAS BEEN GRANTED BY THE DISTRICT MANAGER TO MINE WITHIN THE SAFETY BARRIER, OR TO MINE THROUGH A PLUGGED OR REPLUGGED WELL

- a. A representative of the operator, a representative of the miners, the appropriate State agency, or the MSHA district manager may request that a conference be conducted prior to mining through any plugged or replugged well. Upon receipt of any such request, the district manager shall schedule such a conference. The party requesting the conference shall notify all other parties listed above within a reasonable time prior to the conference to provide opportunity for participation. The purpose of the conference shall be to review, evaluate, and accommodate any abnormal or unusual circumstance(s) related to the condition of the well or surrounding strata when such conditions are encountered.
- b. The operator shall mine through a well on a shift approved by the district manager. The operator shall notify the district manager and the miners' representative in sufficient time prior to mining-through a well in order to provide an opportunity to have representatives present.
- c. When using continuous mining methods, the operator shall install drivage sights 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. The drivage sights shall be installed in the headgate.
- d. The operator shall ensure that fire-fighting equipment including fire extinguishers, rock dust, and sufficient fire hose to reach the working face area of the mine through (when either the conventional or continuous mining method is used) is available and operable during all well mine throughs. The fire hose shall be located in the last open crosscut of the entry or room. The operator shall maintain the water line to the belt conveyor tailpiece along with a sufficient amount of fire hose to reach the farthest point of penetration on the section. When the longwall mining method is used, a hose to the longwall water supply is sufficient.

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- e. The operator shall ensure that sufficient supplies of roof support and ventilation materials shall be available and located at the last open crosscut. In addition, emergency plugs and suitable sealing materials shall be available in the immediate area of the well intersection.
- f. On the shift prior to mining through the well, the operator shall service all equipment and check it for permissibility. Water sprays, water pressures and water flow rates used for dust and spark suppression shall be examined and any deficiencies corrected.
- g. The operator shall calibrate the methane monitor(s) on the longwall, continuous mining machine, or cutting machine and loading machine on the shift prior to mining through the well.
- h. When mining is in progress, the operator shall perform tests for methane with a handheld methane detector at least every 10 minutes from the time that mining with the continuous mining machine or longwall face is within 30 feet of the well until the well is intersected and immediately prior to mining through it. During the actual cutting process, no individual shall be allowed on the return side until the mine through has been completed and the area has been examined and declared safe. All workplace examinations will be conducted on the return side of the shearer while the shearer is idle.
- i. When using continuous or conventional 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 the well. On longwall sections, rock dusting shall be conducted and placed on the roof, rib, and floor up to both the headgate and tailgate gob.
- j. When the well is intersected, the operator shall de-energize all equipment, and thoroughly examine and determine the area is safe before mining is resumed.
- k. After a well has been intersected and the working place determined safe, mining shall continue in by the well a sufficient distance to permit adequate ventilation around the area of the well.
- l. If the casing is cut or milled at the coal seam level, the use of torches should not be necessary. However, in rare instances, torches may be used for inadequately or inaccurately cut or milled casings.

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No open flame shall be permitted in the area until adequate ventilation has been established around the well bore and methane levels of less 1.0% are present in all areas that will be exposed to flames and sparks from the torch. The operator shall apply a thick layer of rock dust to the roof, face, floor, ribs and any exposed coal within 20 feet of the casing prior to any use of torches.

- m. Non-sparking (brass) tools will be located on the working section and will be used to expose and examine cased wells.
- n. No person shall be permitted in the area of the mine through operation except those actually engaged in the operation, including company personnel, representatives of the miners, personnel from MSHA, and personnel from the appropriate State agency.
- o. The operator shall alert all personnel in the mine to the planned intersection of the well prior to their going underground if the planned intersection is to occur during their shift. This warning shall be repeated for all shifts until the well has been mined through.
- p. The mine through operation shall be under the direct supervision of a certified individual. Instructions concerning the mine through operation shall be issued only by the certified individual in charge.
- q. The provisions of this Order do not impair the authority of representatives of MSHA to interrupt or halt the mine through operation, and to issue a withdrawal order, when they deem it necessary for the safety of the miners. MSHA may order an interruption or cessation of the mine through operation and/or a withdrawal of personnel by issuing either a verbal or written order to that effect to a representative of the operator, which order shall include the basis for the order. Operations in the affected area of the mine may not resume until a representative of MSHA permits resumption of mine through operations. The mine operator and miners shall comply with verbal or written MSHA orders immediately. All verbal orders shall be committed to writing within a reasonable time as conditions permit.
- r. A copy of this Order shall be maintained at the mine and be available to the miners.
- s. Within 30 days after this Order becomes final, the operator shall submit proposed revisions for its approved 30 C.F.R. Part 48 training plan to the district manager.

These proposed revisions shall include initial and refresher training regarding compliance with the terms and conditions stated in the Order. The operator shall provide all miners involved in the mine through of a well with training regarding the requirements of this Order prior to mining within 150 feet of the next well intended to be mined through.

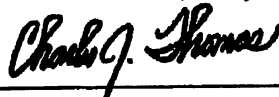
- t. The responsible person required under 30 C.F.R. § 75.1501 is responsible for well intersection emergencies. The well intersection procedures should be reviewed by the responsible person prior to any planned intersection.
- u. Within 30 days after this Order becomes final, the operator shall submit proposed revisions for its approved mine emergency evacuation and firefighting plan required by 30 C.F.R. § 75.1501. The operator will revise the plans to include the hazards and evacuation procedures to be used for well intersections. All underground miners will be trained in this revised plan within 30 days of the submittal of the revised evacuation plan.

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, 1100 Wilson Boulevard, Arlington, Virginia 22209-3939.

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.

SIGNED BY:



Charles J. Thomas
Deputy Administrator for
Coal Mine Safety and Health

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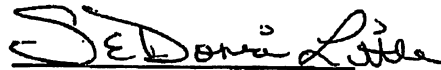
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Certificate of Service

I hereby certify that a copy of this referral for hearing was served personally or mailed, postage prepaid, this 16th day of December, 2013, to:

Mr. Michael A. Sinozich
 Director of Compliance - Safety
 CONSOL Energy, Inc.
 CNX Center
 1000 Consol Energy Drive
 Canonsburg, PA 15317-6506

Mr. Dennis O'Dell
 18354 Quantico Gateway Dr., Suite 200
 United Mine Workers of America
 Triangle, VA 22172-1179



SeDonia L. Little
 Secretary

cc: Mr. Joe Scaffoni, Director of Deep Mines Safety, PA Dept. Of Environmental Protection

bcc: District 2
 OSRV
 E. Sherer
 Case File

MCS:D.Braenovich 11/26/2013 New Terms & Conditions for 75.1700 as per E. Sherer:all 4/02/13: using language modeled on previous decisions (2012-065) with standard terms and conditions

FILE COPY	
Surname	Date
<i>Scaffoni</i>	<i>12/02/2013</i>
<i>Arington</i>	<i>12-02-13</i>
<i>SRK</i>	<i>12.3.13</i>

C.J. Shonn

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

INSPECTOR'S WELL REPORT

Permit No. 051-0692

Oil or Gas Well _____

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Whitman oil & Gas</u>	Size			
<u>Marietta Ohio</u>	16			Kind of Packer
<u>H. A. Carmichael</u>	13			
<u>1</u>	10			Size of
District <u>Webster</u> County <u>Marshall</u>	8 1/2	<u>1535</u>	<u>1535</u>	
Drilling commenced	6 3/4			Depth set
Drilling completed	5 3/16			
Total depth <u>1984</u>	3			Perf. top
Date shot	2			Perf. bottom
Depth of shot	Liners Used			Perf. top
Initial open flow				Perf. bottom
/10ths Water in				
Inch				
Open flow after tubing				
/10ths Merc. in				
Inch				
Volume	Cu. Ft.			
Rock pressure	lbs.			
hrs.				
Oil	bbls., 1st 24 hrs.			
Fresh water	feet			
Salt water	feet			

CASING CEMENTED 8 5/8 SIZE 1535 FT. 4-11-82 Date

NAME OF SERVICE COMPANY Halliburton

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

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Office of Oil and Gas

OIL AND GAS DIVISION 2020
WV DEPARTMENT OF MINES

WV Department of Environmental Protection

Drillers' Names Gene Hagan, R.A. Baker

Contractor Pan Eastern Corp

Remarks: 300 SKS light 3% Calcium
100 " class A 3% "

4-13-82
DATE

R.A. Lowther 512
DISTRICT WELL INSPECTOR

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

47-051-00692P
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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 051-0692

Oil or Gas Well _____
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Stock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
																Size			Kind of Packer
<u>Whitman Oil & Gas</u>	<u>Marietta Ohio</u>	<u>Martin Carmichael</u>	<u>1</u>	<u>Webster</u>	<u>Marshall</u>											16			
																13			
																10			Size of
																8 1/4			
																6 1/4			Depth set
																5 3/16			
																3			Perf. top
																2			Perf. bottom
																Liners Used			Perf. top
																			Perf. bottom
																CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
																NAME OF SERVICE COMPANY _____			
																COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
																_____ FEET _____ INCHES _____ FEET _____ INCHES			
																_____ FEET _____ INCHES _____ FEET _____ INCHES			

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Drillers' Names _____ SEP 18 2020

Remarks: _____ WV Department of Environmental Protection

This well was completed, I sent some Reports in on it During Drilling Present owner Leonard messina 30 Rockefeller plaza New York NY 10112

3-18-83
DATE

R. A. Louthen
DISTRICT WELL INSPECTOR

WW-4A
Revised 6-07

1) Date: September 1, 2020
2) Operator's Well Number
5284
3) API Well No.: 47 - 051 - 00692

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>Benjamin F. Allman</u> <i>Waiver</i>	Name	<u>Consol Pennsylvania Coal Co.</u> <i>Waiver</i>
Address	<u>460 Bane Lane</u> <u>Cameron, WV 26033</u>	Address	<u>192 Crabapple Rd.</u> <u>Wind Ridge, PA 15380</u>
(b) Name	_____	(b) Coal Owner(s) with Declaration	_____
Address	_____	Name	_____
		Address	_____
(c) Name	_____	Name	_____
Address	_____	Address	_____

6) Inspector James Nicholson (c) Coal Lessee with Declaration

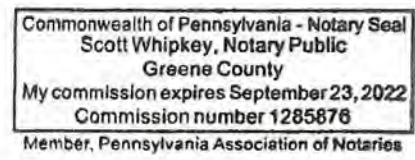
Address	<u>P.O. Box 44</u>	Name	_____
	<u>Moundsville, WV 26041</u>	Address	_____
Telephone	<u>304-552-3847</u>		

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: Leatherwood LLC
 By: Matthew Ruckle *Matthew Ruckle*
 Its: Project Engineer
 Address: 1000 CONSOL Energy Drive
Canonsburg, PA 15317
 Telephone: 724-663-7165

RECEIVED
Office of Oil and Gas
SEP 18 2020
WV Department of Environmental Protection

Subscribed and sworn before me this 2 day of September
Scott Whipkey Notary Public
 My Commission Expires 9/23/2022

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 depprivacyofficer@wv.gov.

SURFACE OWNER WAIVER

Operator's Well
Number

5284

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

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Office of Oil and Gas
SEP 18 2020

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

WV Department of
Environmental Protection

Ben J. Allman
Signature

Date 7-10-2020 Name _____
By _____
Its _____

Signature Date

WW-4B

API No. 47-051-00692 P
Farm Name _____
Well No. 5284

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

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

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

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

WAIVER

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

Date: September 1, 2020

Consol PA Coal Co
By: *Matthew R. Rife*
Its Project Engineer

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SEP 18 2020
WV Department of
Environmental Protection

WW-9
(5/16)

API Number 47 - 051 - 00692
Operator's Well No. 5284

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

Operator Name Leatherwood, LLC OP Code _____
Watershed (HUC 10) Wheeling Creek Quadrangle Majorsville WV-PA 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 will be used, See attached)

Will closed loop system be used? If so, describe: Yes, Gel circulated from tank through 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 cuttings hauled off site

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

-Landfill or offsite name/permit number? PA DEP Permit #30020701

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 Matthew Ruckle

Company Official (Typed Name) Matthew Ruckle

Company Official Title Project Engineer

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Office of Oil and Gas

SEP 18 2020

Subscribed and sworn before me this 2 day of September, 2020

Scott Whipkey

Notary Public

My commission expires 9/23/2022

WV Department of
Environmental Protection

Commonwealth of Pennsylvania - Notary Seal
Scott Whipkey, Notary Public
Greene County
My commission expires September 23, 2022
Commission number 1265876
Member, Pennsylvania Association of Notaries

47-051-00692P



**CONSOL Energy – CNX COAL
PENNSYLVANIA OPERATIONS**
1000 CONSOL Energy Drive
Canonsburg, PA

phone: 724/663-7165
fax: 724/663-7159
e-mail: Matthewruckle@consolenergy.com

Matthew Ruckle
Project Engineer

September 15, 2020

Department of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, WV 25304

To Whom It May Concern:

As per the Division of Environmental Protection, Office of Oil and Gas request, Leatherwood LLC submits the following procedures utilizing pit waste.

Upon submitting a well work application (without a general permit for Oil and Gas Pit Waste Discharge Application) Leatherwood LLC **will construct no pits**, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, the material will be trucked to the PA DEP facility number CMAP 30020701.

If you have any questions regarding this matter, please contact me at 724-663-7165.

Sincerely,

A handwritten signature in blue ink that reads 'Matthew Ruckle'.

Matthew Ruckle
Project Engineer
CONSOL Pennsylvania Coal Company LLC/Leatherwood LLC

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SEP 18 2020
WV Department of
Environmental Protection

Proposed Revegetation Treatment: Acres Disturbed 2 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

Seed mix in accordance with WVDEP oil and gas Erosion and Sedimentation Control Field Manual

Seed mix in accordance with WVDEP oil and gas Erosion and Sedimentation Control Field Manual

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: [Signature]

Comments:

Title: Oil & Gas Inspector 9/2/2020

Date:

Field Reviewed? () Yes () No

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SEP 18 2020

WV Department of Environmental Protection

N/A

WW-9- GPP
Rev. 5/16

Page 1 of 2
API Number 47 - 051 - 00692
Operator's Well No. 5284

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

Operator Name: Leatherwood, LLC
Watershed (HUC 10): Wheeling Creek Quad: Majorsville WV-PA 7.5 Far
m Name: H. A. Carmichael

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

[Empty rectangular box for response to question 1]

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

[Empty rectangular box for response to question 2]

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

[Empty rectangular box for response to question 3]

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

[Empty rectangular box for response to question 4]

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SEP 18 2020
WV Department of
Environmental Protection

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

N/A

WW-9- GPP
Rev. 5/16

Page 2 of 2
API Number 47 - 051 - 00692
Operator's Well No. _____

[Empty rectangular box for text entry]

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

[Empty rectangular box for text entry]

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.

[Empty rectangular box for text entry]

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

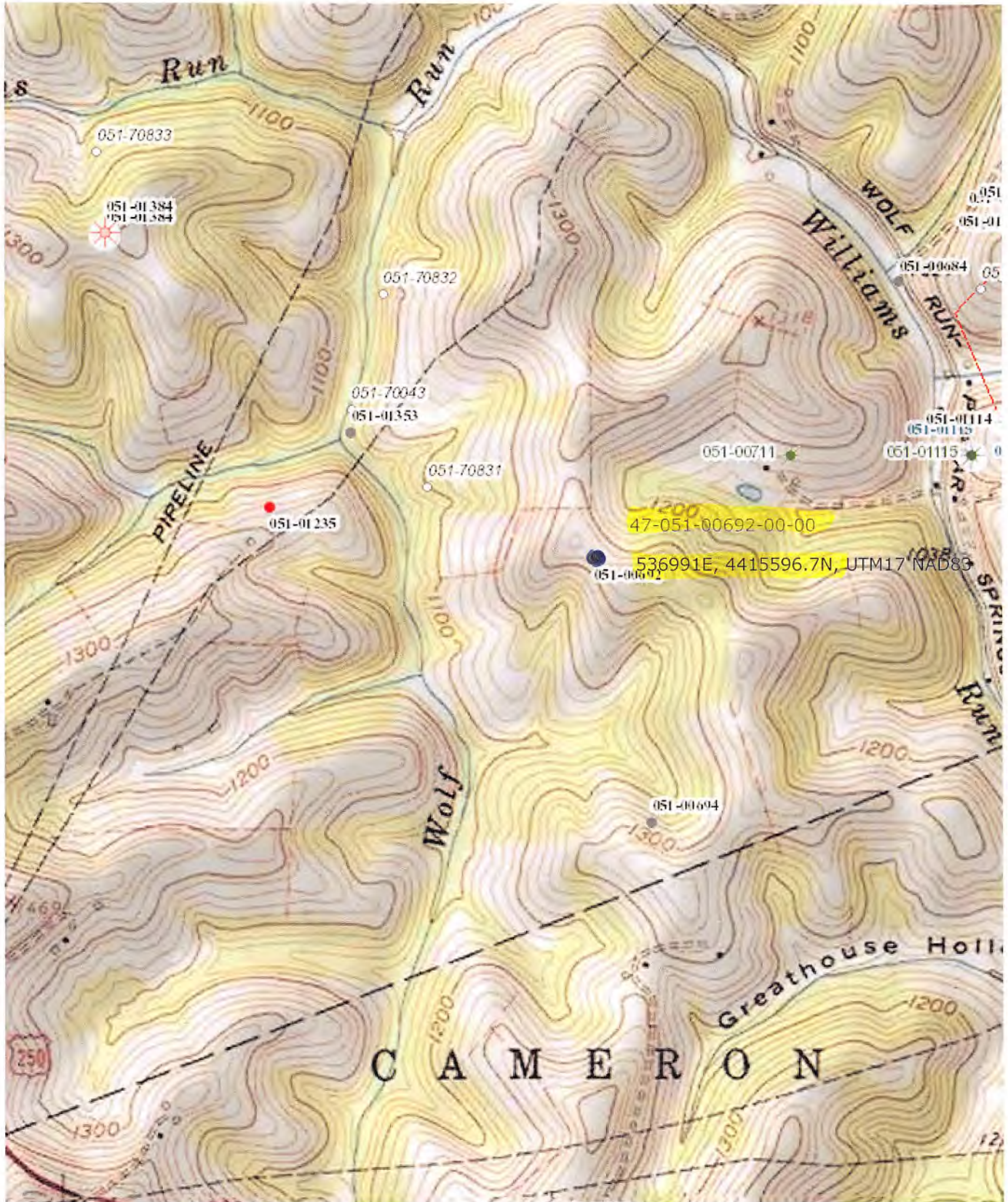
[Empty rectangular box for text entry]

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SEP 18 2020

WV Department of
Environmental Protection

Signature: Matth Rll

Date: 9-1-2020



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-051-00692 WELL NO.: 5284
 FARM NAME: H. A. Carmichael
 RESPONSIBLE PARTY NAME: Leatherwood, LLC
 COUNTY: Marshall DISTRICT: Webster
 QUADRANGLE: Majorsville WV-PA 7.5
 SURFACE OWNER: Ben Allman
 ROYALTY OWNER: Unknown
 UTM GPS NORTHING: 4415596.70
 UTM GPS EASTING: 536991.00 GPS ELEVATION: 1326.93

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.

Matthew R. Hill
Signature

Project Engineer

Title

9/1/2020

Date

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Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

OP-77-A (01-19)

State of West Virginia

Record No. _____

Department of Environmental Protection

This is to acknowledge that the well: API no. 47-051-00692

District Webster

Well No 1 (CONSOL #5284) Farm name H. A. Carmichael

Is hereby transferred To:

The transferee Company: Leatherwood, LLC

Code # 494476721 Address 1000 CONSOL Energy Drive, Canonsburg, PA 15317

Transfer approval shall be subject to the provisions in W. Va. Code §§ 22-6-26, 22-10-7 and 35 CSR 4 – 10.5, or as otherwise set forth by agreement with the Chief.

The transferee has registered and designated an agent on form OP-1, which is on file with the Office of Oil and Gas. The agent is:

Designated agent (name) Gina Newhouse

Address: 1627 Quarrier Street, Charleston, WV 25311

The transferee has bonded the said well by (check one):

Securities Cash Surety bond Letter of credit

Identified by:

Amount: <u>\$50,000</u>	Effective date :	
Issuing authority: <u>Lexon Insurance Company</u>	Id. No:	<u>1138626</u>

Commonwealth of Pennsylvania - Notary Seal
 Scott Whipkey, Notary Public
 Greene County
 My commission expires September 23, 2022
 Commission number 1285876
 Member, Pennsylvania Association of Notaries

Transferee: Leatherwood, LLC
 By: Matthew Ruckle *Matthew Ruckle*
 Its: Project Engineer

Taken, subscribed and sworn before me this 11 day of August 2020

Notary Public Scott Whipkey

My Comission Expires 9-23-2022

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Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

47-051-00692 P

051-0692

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Office of Oil and Gas
SEP 18 2020
WV Department of
Environmental Protection

4705100692

(Reverse)

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) PAN EASTERN DRILLING

Address 123 Greene Street

Marietta, OH 45750

GEOLOGICAL TARGET FORMATION Alexander
Estimated depth of completed well 5500 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 110 feet; salt, feet.
Approximate coal seam depths:
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft, New, Used), FOOTAGE INTERVALS (For Drill-ling, Left in Well), CEMENT FILL-UP OR SACKS (Cubic ft.), PACKERS (Kinds, Sizes, Depths set, Rule 15.01, Perforations: Top, Bottom)

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code 822-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code 822-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code 822-4-12a, and (v) if applicable, the consent required by Code 822-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 10-16-82.

[Signature]
Deputy Director - Oil & Gas Division

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Office of Oil and Gas
SEP 18 2020

WV Department of Environmental Protection

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 822-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19 .

By: _____

Its: _____

(Reverse)
(Revised 3-81)



Farm H. A. Carmichael #1
API 747-451-0692
Date February 10, 1982 **00692**

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil x / Gas y /
(If "Gas", Production x / Underground storage / Deep / Shallow /

LOCATION: Elevation: 1320' Watershed: Wolf Run
District: Webster County: Marshall Quadrangle: Majorsville 7.5'

WELL OPERATOR WHITNAM OIL & GAS CORPORATION DESIGNATED AGENT JOHN E. WILLIAMS
Address P. O. Box 719 Address Route 1, Box 41
Marietta, Ohio 45750 Linn, W. Va. 26384

OIL AND GAS ROYALTY OWNER H. A. Carmichael COAL OPERATOR N/A
Address 82 North Ave. Address
Cameron, W. Va. 26033
Acreage 111

SURFACE OWNER H. A. Carmichael COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Address
Address 82 North Ave. NAME Address
Cameron, W. Va. 26033 NAME Address
Acreage 111

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:

NAME Robert A. Lowther
Address General Delivery
Middlebourne, W. Va. 26149
Telephone

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FEB 10 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract x / dated Oct. 1, 1981, to the undersigned well operator from Carl E. Smith Petroleum, Inc.

(If said deed, lease, or other contract has been recorded:)

Recorded on Nov. 24, 1981, in the office of the Clerk of County Commission of

Marshall County, West Virginia, in 495 Book at page 52. A permit is requested as follows:

PROPOSED WORK: Drill x / Drill Deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

BLANKET BOND

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

WHITNAM OIL & GAS CORPORATION

Well Operator
By: [Signature]
Its: Robert S. Coates, Vice President, Operations

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Office of Oil and Gas

SEP 18 2020

WV Department of Environmental Protection

4705100692

STRIKER OIL & GAS CORPORATION

Petroleum Bldg., Rt. 76, Box 35-F, Glenville, West Virginia 26351 (304)462-7553

February 19, 1985

RECEIVED

FEB 21 1985

**OIL & GAS DIV.
DEPT. OF MINES**

Mr. Theodore M. Streit, Administrator
Office of Oil & Gas
Department of Mines
307 Jefferson Street
Charleston, WV 25311

Re: Cause #7-D Order #1

Dear Mr. Streit:

I am in receipt of an order signed by you dated February 7, 1985, concerning Permit No. 47-051-0670, Evans #1, and Permit No. 47-051-0671, Parsons #1, which were drilled originally by Carl E. Smith. It is my understanding that at the time Mr. Smith assigned a group of leases to Whitnam Oil & Gas Corporation, he also sold the two subject wells.

During the bankruptcy proceedings in Columbus, the two wells along with all acreage in Marshall County was assigned to Whitnam Land Resources, Beers and Cutler, 1200 New Hampshire Ave., NW, Suite 400, Washington, D.C. 20036.

At that time, all records pertaining to these two wells were sent to the above address by the court. We no longer have any ties with Whitnam Land Resources and are unable in any way to come up with completion reports for these two wells.

We suggest that you attempt to contact Beers and Cutler and get them to review their records and file the necessary IV-35.

Again, we would like to stress upon you that Striker Oil and Gas Corporation, as the successor to Whitnam effective December 19, 1983, has never had in its possession or titled to the subject two wells.

Very truly yours,

STRIKER OIL & GAS CORPORATION


E.A. Broome
President

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Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

- 051-0670
- 051-0671
- 051-0684
- 051-0685
- 051-0689
- 051-0690
- 051-0691
- 051-0692 ✓
- 051-0693
- 051-0694
- 051-0695
- 051-0696
- 051-0697
- 051-0698
- 051-0699

EAB:jlr

4705100692



IV-9
(Rev 8-81)

DATE 2-6-82

WELL NO. H. CORMICHAEL #1

API NO. 47-051-0692

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME WHITNAM OIL & GAS CORPORATION DESIGNATED AGENT JOHN E. WILLIAMS
Address P. O. Box 719, Marietta, OH Address Route 1, Box 41, Jinn, W. Va.
Telephone 614/374-2017 Telephone 304/667-5303
LANDOWNER H.A. Cormichael SOIL CONS. DISTRICT NORTHERN CINCINNATI
Revegetation to be carried out by WILDER WELLS SERVICE (Agent)

This plan has been reviewed by Northern Parkland SO. All corrections and additions become a part of this plan: 02-08-82 (Date)

Louis S. Dickson
(SO Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage ditch</u> (A)	Structure <u>DIVERSION ditch</u> (1)
Spacing <u>EARTHEN</u>	Material <u>EARTHEN</u>
Page Ref. Manual <u>1-11</u>	Page Ref. Manual <u>1-9</u>
Structure <u>CULVERT (3)</u> (B)	Structure <u>RIP RAP</u> (2)
Spacing <u>PIPE 12"</u>	Material <u>STONE</u>
Page Ref. Manual <u>1-8</u>	Page Ref. Manual _____
Structure _____	Structure <u>Rep Rip rap</u> (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

RECEIVED

FEB 15 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Line 6.5 Tons/acre
or correct to pH _____

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Seed* orchard grass 70 lbs/acre
Alfalfa clover 6 lbs/acre
_____ lbs/acre

Treatment Area II

Line _____ Tons/acre
or correct to pH _____

Fertilizer _____ lbs/acre
(10-20-20 or equivalent)

Mulch _____ Tons/acre

Seed* gammagrass _____ lbs/acre
Alfalfa _____ lbs/acre
_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

NOTES: Please request landowner's cooperation to prevent any seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY James W. Clark
ADDRESS 100 Front St. (P. O. Box 719)
Marietta, OH 45750
PHONE NO. 614/374-2017

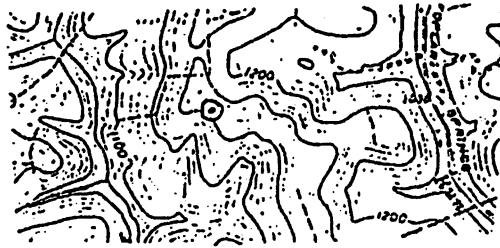
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Office of Oil and Gas
SEP 18 2020
WV Department of Environmental Protection

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Waterville

LEGEND

Well Site ⊕

Access Road ———



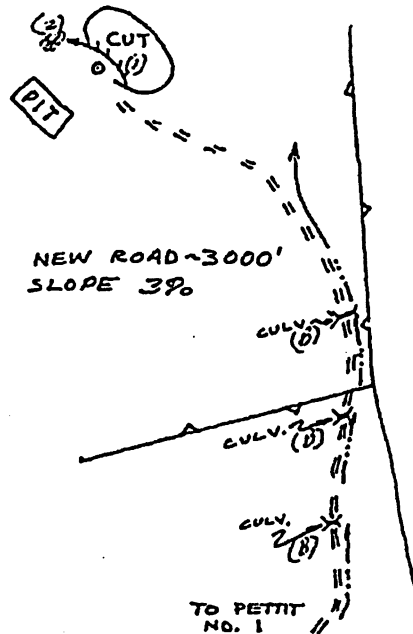
WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary ———— ———	Diversion ———— ———
Road ———— ———	Spring ○→
Existing fence ————x———x———	Wet spot ⊕
Planned fence ————/———/———	Building [:]
Stream ———— ———	Drain pipe ————○———○———
Open ditch ———— ———	Waterway ———— ———

H. A. CARMICHAEL No. 1

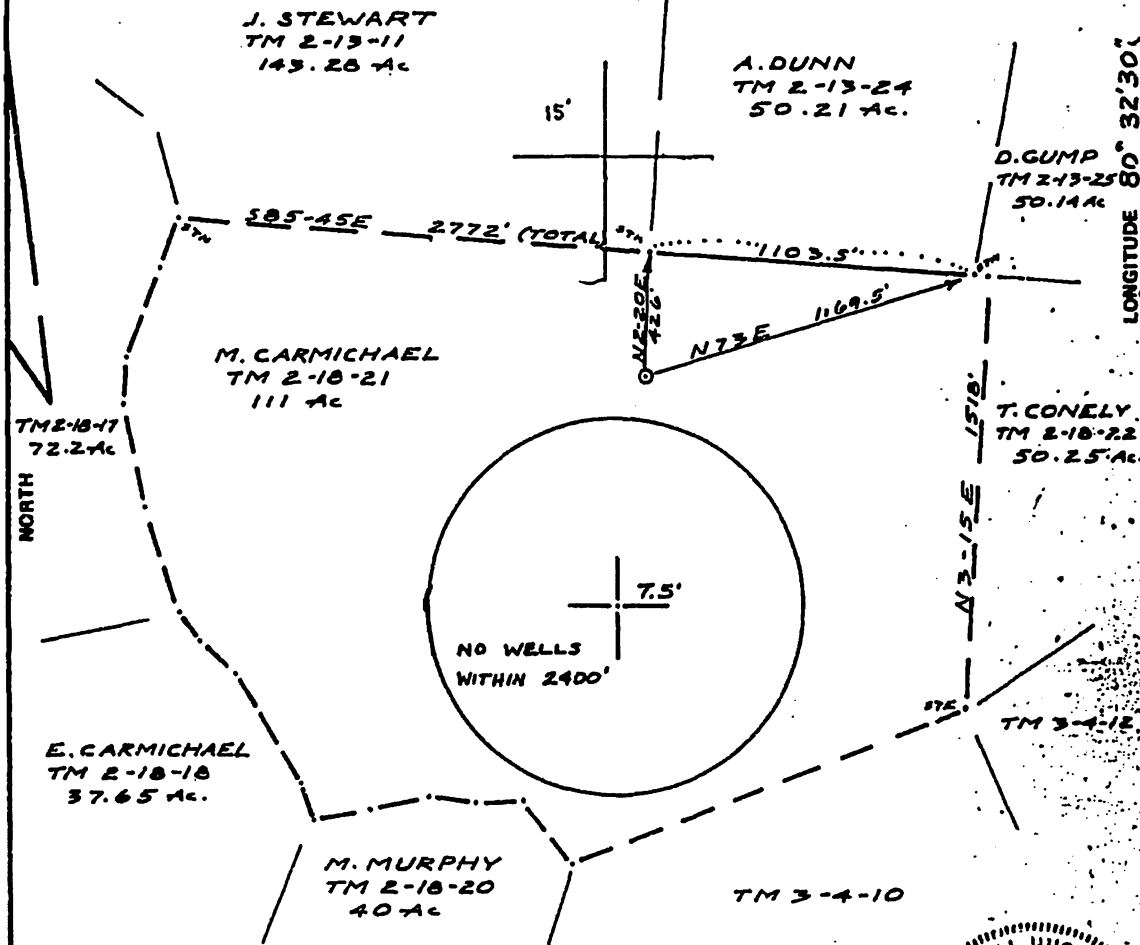


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SEP 18 2020
WV Department of
Environmental Protection

M.S. 2-10-82

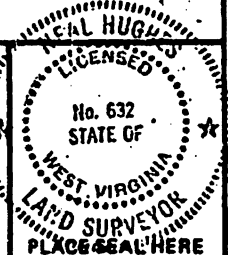
7,250'

LATITUDE 34° 50' 51.00 692



FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 300'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION KNOB 1518

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 MINES.
 (SIGNED) Neal Hughes
 R.P.E. _____ L.L.S. 632



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEB. 2, 19 82
 OPERATOR'S WELL NO. 1
 API WELL NO. H.A. CARMICHAEL
47 - 051 - 0692
 STATE COUNTY PERMIT

RECEIVED Office of Oil and Gas

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

SEP 18 2020

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1320' WATER SHED WOLF RUN
 DISTRICT WEBSTER COUNTY MARSHALL
 QUADRANGLE MAJORSVILLE 75'
 SURFACE OWNER: MARTIN CARMICHAEL ACREAGE 111
 OIL & GAS ROYALTY OWNER H.A. CARMICHAEL LEASE ACREAGE 111
 LEASE NO. 051-26
 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 Alexander ESTIMATED DEPTH 5350'
 WELL OPERATOR WHITNAM OIL & GAS DESIGNATED AGENT JOHN E. WILLIAMS
 ADDRESS 100 FRONT ST MARIETTA, OH. 45750 ADDRESS RT 1 BOX 41 LINN, W.V. 26384

WV Department of Environmental Protection

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

RECEIVED

APR 12 1982

OIL AND GAS DIVISION
DEPARTMENT OF MINES
4705100692

INSPECTOR'S WELL REPORT

Permit No. 031-0692

Oil or Gas Well _____

Company <u>Whitman Oil & Gas</u> Address <u>Marietta Ohio</u> Farm <u>H A Carmichael</u> Well No. <u>1</u> District <u>Webster</u> County <u>Marshall</u> Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING USED IN DRILLING LEFT IN WELL PACKERS
	Size 16 _____ Kind of Packer _____ 13 _____ 10 _____ Size of _____ 8 1/4 _____ 6 3/4 _____ Depth set _____ 5 3/16 _____ 3 _____ Perf. top _____ 2 _____ Perf. bottom _____ Liners Used _____ Perf. top _____ _____ Perf. bottom _____
	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ NAME OF SERVICE COMPANY _____ COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES

RECEIVED
Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

Drillers' Names _____

Remarks: Checked Location & Road

4-6-82
DATE

R. A. Lowther 512
DISTRICT WELL INSPECTOR

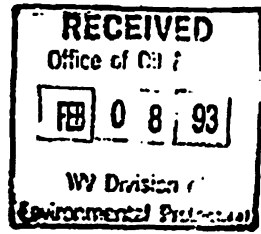
✓
VIOLATION NO. V1827
FORM VI-31

4705-00692

DATE March 23, 1992

API NO. 47-51-00692

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS



NOTICE OF ABATEMENT

LOCATION: FARM NAME Martin Carmichael
DISTRICT Webster

WELL NO. HA Carmichael #1
COUNTY Marshall

TO: Petro-Mark Inc. c/o Paulico Re.
ADDRESS 922 Quarrier St. Suite 408.
Charleston WV.
25301.

DESIGNATED AGENT Pete Pauloy
ADDRESS 922 Quarrier St. Suite 408.
Charleston WV
25301

Notice is hereby given that the undersigned made a special inspection of the above named well on _____, 19____. The violation cited under violation number CSR 38-15-5, heretofore found to exist on 2-7-, 1991, has been fully abated. Any standing order issued pursuant to said notice of violation is hereby rescinded, and you are hereby notified that you may resume operations.

A copy of this notice has been posted at the wellsite and sent by certified or registered mail to the person or Designated Agent named above.

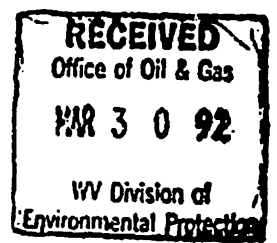
By this notice, the Division of Oil and Gas does not waive its' rights to pursue civil penalties and or misdemeanor charges pursuant to the subject violation.

SIGNED Randal Smith
TITLE Inspector.

ADDRESS Rt 2 Box 248
Webster WV
26412

TELEPHONE 269-2335

RECEIVED
Office of Oil and Gas
SEP 18 2020
WV Department of
Environmental Protection



4705100692

VIOLATION NO. V1829
FORM VI-31

DATE March 23, 1992
API NO. 47-51-00692

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

NOTICE OF ABATEMENT

LOCATION: FARM NAME Martin Carmichael
DISTRICT Webster

WELL NO. HA. Carmichael #1
COUNTY Marshall

TO: Petro-Mark Inc. C/O Paulico Re.
ADDRESS Charleston. WV.

DESIGNATED AGENT Pete Pauley.
ADDRESS 922 Quarrier St.
Suite 408 Charleston WV.
25301

Notice is hereby given that the undersigned made a special inspection of the above named well on _____, 19____. The violation cited under violation number 22F-1-19, heretofore found to exist on 2-7, 1991, has been fully abated. Any standing order issued pursuant to said notice of violation is hereby rescinded, and you are hereby notified that you may resume operations.

A copy of this notice has been posted at the wellsite and sent by certified or registered mail to the person or Designated Agent named above.

By this notice, the Division of Oil and Gas does not waive its' rights to pursue civil penalties and or misdemeanor charges pursuant to the subject violation.

SIGNED [Signature]
TITLE Inspector

ADDRESS Rt 3 Box 248
Winston WV. 26452

TELEPHONE 304-269-2335

RECEIVED
Office of Oil and Gas
SEP 18 2020

RECEIVED
Office of Oil & Gas
MAR 30 92
WV Division of
Environmental Protection

Tim

These are the ones you told me to abate.

WV Department of
Environmental Protection

4705100692

VIOLATION NO. V 1830
FORM VI-31

DATE March 23, 1992

API NO. 47-51-00692

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

NOTICE OF ABATEMENT

LOCATION: FARM NAME Martin Carmichael
DISTRICT Weafer

WELL NO. H.A. Carmichael #1
COUNTY Marshall

TO: Petro-Mark-Inc. /o Paulico Re.
ADDRESS 922 Quaker St. Suite 408
Charleston WV.
25301

DESIGNATED AGENT Pete Pauley
ADDRESS 922 Quaker St. Suite 408
Charleston WV.
25301

Notice is hereby given that the undersigned made a special inspection of the above named well on _____, 19____. The violation cited under violation number CSA-28-18 12, heretofore found to exist on Feb 7, 1992, has been fully abated. Any standing order issued pursuant to said notice of violation is hereby rescinded, and you are hereby notified that you may resume operations.

A copy of this notice has been posted at the wellsite and sent by certified or registered mail to the person or Designated Agent named above.

By this notice, the Division of Oil and Gas does not waive its' rights to pursue civil penalties and or misdemeanor charges pursuant to the subject violation.

SIGNED Randal Mick
TITLE Inspector

ADDRESS Rt 3 Box 248
Weafer WV
26452

TELEPHONE 269-2335

RECEIVED
Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

RECEIVED
Office of Oil & Gas
MAR 30 92
WV Division of
Environmental Protection

4705100692

STRIKER OIL & GAS CORP.

GLENVILLE
1207 NORTH LEWIS STREET
GLENVILLE, WEST VA 26351
304-462-5741



ATLANTA
SUITE 1550
200 GALLERIA PARKWAY
ATLANTA, GA 30339
404-980-1550

Xc to Files

May 25, 1988

Mr. Ted Streit
State of West Virginia
Department of Energy
322 704 Street South East
Charlottesville, W. Va. 253304

RECEIVED
JUN 06 1980

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Re: API # 47-51-00689
Bane #1
API # 47-51-00690
Redd #1

Dear Mr. Streit,

In reference to your Memorandum of April 29, 1988 concerning referenced wells, please be advised that the Redd was drilled but never completed and the Bane has been completed. We acquired Striker Oil & Gas Co., Inc. (formerly Whitnam Oil & Gas Co., Inc.) out of Chapter 11 proceedings December 19, 1983. Many of the company well records were missing and we find that to be the case with these two wells.

To further complicate the issue, the landowner of the Bane well took legal action in 1986 to have the lease declared abandoned. We are currently appealing this action before the West Virginia Supreme Court.

Please advise me as to what further information we may give you.

Very truly yours,

John M. Capito, Jr.

JMCJr\hsg

cc: L. E. Hester
Jean Yost
John E. Lutz

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Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

CAUTION

DUE TO THE CONDITION

OF THE ORIGINAL DOCUMENT(S),

THE FOLLOWING IMAGE(S)

MAY BE OF POOR QUALITY

RECEIVED
Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

VIOLATION NO. 1829
FORM VI 27

400pts

4705-00692
DATE 9-37-91

API NO. 451-0692

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
NOTICE OF VIOLATION

RECEIVED
FEB 04 91
Division of Energy
Oil and Gas Section

LOCATION: FARM NAME PAD. MICHAEL H A WELL NO 1
DISTRICT WEST CO COUNTY MARSHALL

38125

TO: PETRO-MARK DESIGNATED AGENT _____
ADDRESS P.O. Box 77 ADDRESS _____
NEW OIL 45773 _____

The above well is being posted this 21 day of JANUARY, 1991, for a violation of West Virginia Code 22B-1-19 and/or 38CSR Series _____, section, _____ of the Legislative rules of the Division of Oil and Gas of the Department of Energy, set forth in detail as follows:

"USE ADDITIONAL SHEETS AS NECESSARY"

OUT PROD OVER 12 MONTHS PROD OR PLUG

RECEIVED
Office of Oil and Gas
SEP 18 2020
WV Department of
Environmental Protection

A copy of this notice has been posted at the wellsite and sent by certified or registered mail to the person or Designated Agent named above.

You are hereby granted until FEB 7, 1991, to abate this violation.

Timely abatement of the violation may well result in mitigation of any or all actions available to the Division under West Virginia Code 22B-1, including but not limited to assessment of civil penalties, filing of misdemeanor charges, and injunctive relief.

An informal conference with the Oil and Gas inspector should be arranged prior to the date set forth above for abatement of the violation.

SIGNED [Signature] ADDRESS 2600 Paul Road
TITLE Inspector Fairmont W.V. 26554

TELEPHONE 304-534-5596

✓
VIOLATION NO. 1827
FORM VI 27

50pts

4705100692

DATE 1-31-91

API NO. 351 0692

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
NOTICE OF VIOLATION

RECEIVED

FEB 04 91

LOCATION: FARM NAME P.A. MICHAEL H.H.
DISTRICT WEAVER
38125

WELL NO 1
COUNTY MARSHALL

TO: PETRO MARK
ADDRESS P.O. Box 27
REMIO OHIO 45773

DESIGNATED AGENT _____
ADDRESS _____

The above well is being posted this 31 day of JANUARY, 1991, for a violation of West Virginia Code 22B-1-_____ and/or 38CSR Series 38, section, 11-55 of the Legislative rules of the Division of Oil and Gas of the Department of Energy, set forth in detail as follows:

"USE ADDITIONAL SHEETS AS NECESSARY"

~~Handwritten signature~~

NO IDENTIFICATION ON WELL

RECEIVED
Office of Oil and Gas
SEP 18 2020
WV Department of
Environmental Protection

A copy of this notice has been posted at the wellsite and sent by certified or registered mail to the person or Designated Agent named above.

You are hereby granted until FEB 7, 1991, to abate this violation.

Timely abatement of the violation may well result in mitigation of any or all actions available to the Division under West Virginia Code 22B-1, including but not limited to assessment of civil penalties, filing of misdemeanor charges, and injunctive relief.

An informal conference with the Oil and Gas inspector should be arranged prior to the date set forth above for abatement of the violation.

SIGNED [Signature]
TITLE [Signature]

ADDRESS 2604 Crab Orchard Ln
Farm - 111.71 26554

TELEPHONE 304-534-5596

4705100692

VIOLATION NO. 1830
FORM VI 27

40pts

DATE 1-31-91

API NO. 051-0193

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
NOTICE OF VIOLATION

RECEIVED
FEB 04 91
Division of Energy
200-225-2700

LOCATION: FARM NAME PARNICKER U.A. WELL NO 1
DISTRICT WESTERN COUNTY MARSHALL

38125

TO: ALTON MARR DESIGNATED AGENT _____
ADDRESS P.O. Box 27 ADDRESS _____
REM OHIO 45773 _____

The above well is being posted this 21 day of JANUARY, 1991, for a violation of West Virginia Code 22B-1-_____ and/or 38CSR Series 28, section 12.12.2 of the Legislative rules of the Division of Oil and Gas of the Department of Energy, set forth in detail as follows:

"USE ADDITIONAL SHEETS AS NECESSARY"

WELL RECORDS

RECEIVED
Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

A copy of this notice has been posted at the wellsite and sent by certified or registered mail to the person or Designated Agent named above.

You are hereby granted until Feb 7, 1991, to abate this violation.

Timely abatement of the violation may well result in mitigation of any or all actions available to the Division under West Virginia Code 22B-1, including but not limited to assessment of civil penalties, filing of misdemeanor charges, and injunctive relief.

An informal conference with the Oil and Gas inspector should be arranged prior to the date set forth above for abatement of the violation.

SIGNED [Signature]
TITLE Registered

ADDRESS 2604 Crab Apple Ln.
Freemont W.V. 26554

TELEPHONE _____

WEST VIRGINIA DEPARTMENT OF MINES
CHARLESTON, WEST VIRGINIA
INTER-OFFICE MEMORANDUM

4709 + 00692

OOGI-0219

TO: ROBERT LANTHER DATE: MARCH 16, 1983
FROM: LOIS SIMPKINS SUBJECT: 47-051-0685, 051-0689, 051-0690,
051-0692, 051-0694 and 051-0696

Bob:

We have had requests for completion records on these wells and in checking the files I can't find where there have been any well records submitted. In fact, there aren't any inspectors reports in some of them.

Would you please check and submit status reports at your earliest convenience. Please direct them to my attention.

Thank you.

Attachments - copies of location plats for subject wells

RECEIVED
Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

4705-00692

TRIO PETROLEUM CORP.

Petroleum Bldg., Rt. 76, Box 35-E, Glenville, West Virginia 26351 (304) 462-7311

RECEIVED

JUL 18 1984

OIL & GAS DIVISION
DEPT. OF MINES

July 15, 1984

Theodore M. Streit
Dept. of Mines
Oil & Gas Division
1615 Washington St., E.
Charleston, WV 25311

Re: H.A. Carmichael #1
Permit #47-051-0692
Marshall Co.

Dear Mr. Streit:

Please be advised we do not have any records covering the subject well and therefore cannot comply with your letter request of June 26, 1984.

All drilling and completion information was turned over to:

Amerivest 1981-1 Private Drilling Program
30 Rockefeller Plaza
New York, NY 10112

in the Whitnam Oil & Gas Corp. bankruptcy proceedings.

I'm sorry we cannot be of further help.

Very truly yours,


E.A. Broome
President

EAB:mln

RECEIVED
Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

47 05 + 00 692

WVDEP Office of Oil and Gas - Well Search

Disclaimer: Per §22-6-6. Permit required for all well work; permit fee; application; soil erosion control plan.

(a) It is unlawful for any person to commence any well work, including site preparation work, which involves any disturbance of land, without first securing a well work permit from the director of the WVDEP Office of Oil and Gas.

The appearance of an API number on the web page does not signify that a permit has been issued. The API number is used as a tracking mechanism until the permit has been issued. Under no circumstances should well work be commenced without a signed permit.

Current Operator

Well API	Operator	Surface Owner	Well Number	Well Status	Well Type	Last Permit Issue Date
4705100692	BEACON RESOURCES CORPORATION	CARMICHAEL, H. A.	1	Abandoned Well	Vertical	03/18/1983

Note: The operator listed above is the CURRENT operator of the well. This operator may or may not have recorded production for this well for the years listed below. The production listed below spans the years shown, regardless of the operator who originally recorded a particular year's production numbers.

Production by Energy Type

Well Lifetime Gas Production

No Production Reported

Well Lifetime Oil Production

No Production Reported

Well Lifetime NGL Production

RECEIVED
Office of Oil and Gas

SEP 18 2020

WV Department of
Environmental Protection

No Production Reported

The West Virginia Department of Environmental Protection (WVDEP) makes oil and gas well information and production data available to the general public through this internet service free of charge.

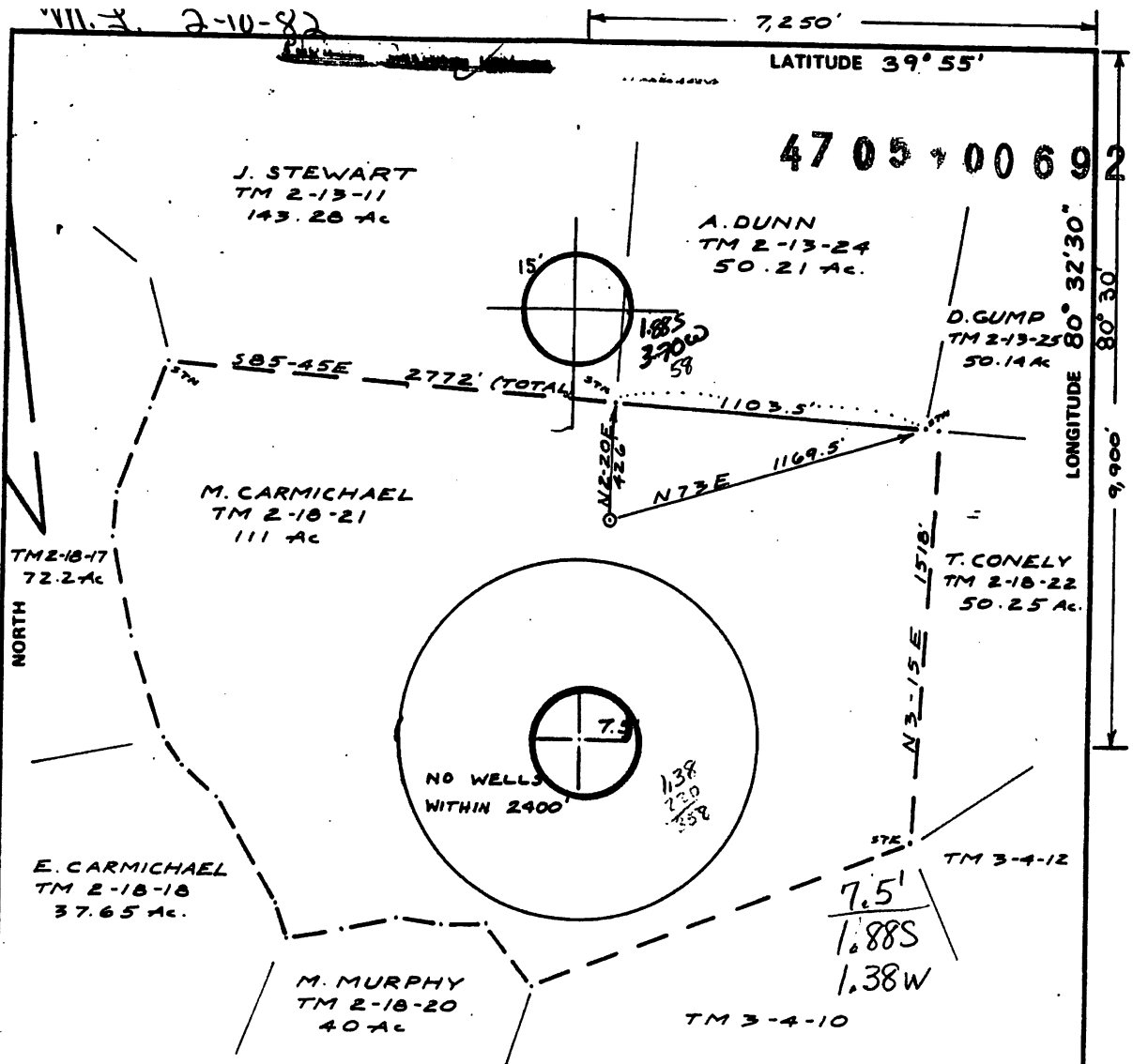
The oil and gas related data originate from the information reported to the Office of Oil and Gas at WVDEP by West Virginia oil and gas operators. The WVDEP does not guarantee their accuracy, precision, or completeness.

Neither the West Virginia Department of Environmental Protection nor its staff members are liable or responsible for any damage or loss resulting from the use of these data or from inaccuracies contained in the data.

We encourage you to report any problems, inconsistencies, or errors noted in using this data to the Office of Oil and Gas so that we can correct them and provide better service.

Office of Oil and Gas
Department of Environmental Protection
601 57th St
Charleston, West Virginia 25304
Phone: (304) 926-0499
Fax: (304) 926-0452

RECEIVED
Office of Oil and Gas
SEP 18 2020
WV Department of
Environmental Protection



FILE NO. _____
DRAWING NO. 1
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1/2500
PROVEN SOURCE OF
ELEVATION NOB 1318

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 MINES.
(SIGNED) Neal Hughes
R.P.E. _____ L.L.S. 632

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6 (8-78)



DATE FEB. 2, 1982
OPERATOR'S WELL NO. 1
API WELL NO. H.A.CARMICHAEL
47-051-0692
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1320' WATER SHED WOLF RUN
DISTRICT WEBSTER COUNTY MARSHALL
QUADRANGLE MAJORSVILLE 7.5' Cameron 15' CC
SURFACE OWNER MARTIN CARMICHAEL ACREAGE 111
OIL & GAS ROYALTY OWNER H.A. CARMICHAEL LEASE ACREAGE 111
LEASE NO. 051-26
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 Alicia Anzic ESTIMATED DEPTH 5250'
WELL OPERATOR WHITNAM OIL & GAS DESIGNATED AGENT JOHN E. WILLIAMS
ADDRESS 100 FRONT ST ADDRESS RT1 BOX 41
MARIETTA, OH. 45750 LINN, W.V. 26384

RECEIVED
Office of Oil and Gas
SEP 18 2020
WV Department of Environmental Protection

MAR 01 1982

(Obverse)
Revised 3-81)



Farm H. A. Carmichael #1
API #47 - 051 - 0692
Date February 9, 1982

47 05 00 692

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil x / Gas x /
(If "Gas", Production x / Underground storage / Deep / Shallow /

LOCATION: Elevation: 1320' Watershed: Wolf Run
District: Webster County: Marshall Quadrangle: Majorsville 7.5'

WELL OPERATOR WHITNAM OIL & GAS CORPORATION
Address P. O. Box 719
Marietta, Ohio 45750

DESIGNATED AGENT JOHN E. WILLIAMS
Address Route 1, Box 41
Linn, W. Va. 26384

OIL AND GAS ROYALTY OWNER H. A. Carmichael
Address 82 North Ave.
Cameron, W. Va.. 26033
Acreage 111

COAL OPERATOR N/A
Address

SURFACE OWNER H. A. Carmichael
Address 82 North Ave.
Cameron, W. Va. 26033
Acreage 111

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME
Address'
NAME
Address

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert A. Lowther
Address General Delivery
Middlebourne, W.Va. 26149
Telephone

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract X / dated Oct. 1, 1981, to the undersigned well operator from Carl E. Smith Petroleum, Inc.

(If said deed, lease, or other contract has been recorded:)

Recorded on Nov. 24, 1981, in the office of the Clerk of County Commission of Marshall County, West Virginia, in 495 Book at page 52. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

BLANKET BOND

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the DMD Department of Environmental Protection. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

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WHITNAM OIL & GAS CORPORATION
Well Operator

By: [Signature]
Its: Robert S. Coates, Vice President, Operations

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(Reverse)

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) PAN EASTERN DRILLING
Address 123 Greene Street
Marietta, OH 45750

GEOLOGICAL TARGET FORMATION Alexander
Estimated depth of completed well 5500 feet. Rotary / Cable tools /
Approximate water strata depths: Fresh, 110 feet; salt, feet.
Approximate coal seam depths:
Is coal being mined in this area: Yes / No /

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS	
	Size	Grade	Weight per ft	New	Used	For Drill-ling			Left in Well
Conductor	11 3/4			X			30'	15 sacks	Kinds
Fresh water	8 5/8			X			1200'	To surface	
Coal									Sizes
Intermed.									
Production Tubing	5 1/2		15.5	X			5500'	500 sx or as required by	Depths set Rule 15.01
Liners									Perforations: Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, this location is hereby approved for drilling. This permit shall expire if operations have not commenced by 10-16-82.


Deputy Director - Oil & Gas Division

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The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulariations.

Date: , 19 .

By:

WV Department of Environmental Protection