



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

Tuesday, September 24, 2019
WELL WORK PLUGGING PERMIT
Vertical Plugging

G & S DRILLING COMPANY
195 HALES LANDING

ELIZABETH, WV 261437300

Re: Permit approval for FELL 1
47-073-02107-00-00

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: FELL 1
Farm Name: PATRICK DEAN SOLE
U.S. WELL NUMBER: 47-073-02107-00-00
Vertical Plugging
Date Issued: 9/24/2019

Promoting a healthy environment.

I

47-073-02107P

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

CK# 6523
Amt \$ 100
8/12/19

47-023-02107 P

1) Date 6/24, 2019
2) Operator's Well No. Fell #1
3) API Well No. 47-073 - 02107 P

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil X / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow X
- 5) Location: Elevation 617' Watershed Sugar Creek
District Union County Pleasants Quadrangle Bens Run
- 6) Well Operator G&S Drilling Company Inc 7) Designated Agent John Grim
Address 195 Hales Landing Address 195 Hales Landing
Elizabeth WV 26143-7300 Elizabeth WV 26143-7300
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Cragin Blevins Name G&S Drilling Company Inc
Address 1407 19th Street Address 195 Hales Landing
Vienna, WV 26705 Elizabeth WV 26143-7300

10) Work Order: The work order for the manner of plugging this well is as follows:
Run cement top log on 2.875" tubing. Set bottom cement plug from 2080'-578, with 45 sacks cement, Shoot off 2.875 at 577', pull pipe, Run cement top log on 5.5" casing. shoot off 5.5" casing above cement top. pull 5.5" casing. Run cement top log on 7" casing, shoot off casing at approximately 200'. Run 2.875" back in to spot top cement plug, at 578' depth, cement with 150 sacks cement. Next day top off cement, Set monument 6" diameter pipe with API #, 10' below surface 3' above surface.

• Blow well down. • T/H to check TD. SPOT GEL.
APPEARS THAT DRILL DEEPER WAS CANCELLED. (SEE PLAN)
• IF TD, IS 2800'. AFTER SPOTTING GEL. SET BOTTOM HOLE PLUG FROM 725' TO 485'.
• TOC OF 7" 400'. SHOOT 7" @ 400'. SET 100' CLASS A CEMENT PLUG FROM 450' TO 350'. GEL TO 228'. SET CLASS A CEMENT PLUG FROM 228' TO SURFACE.
• SET MONUMENT

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Office of Oil and Gas

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JNM

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

Work order approved by inspector Cragin Blevins Date 7/1/2019

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WV Division of
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State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

07 15 92

Well Operator's Report of Well Work

Farm name Permitting WIXER, EMMA J.
Office of Oil and Gas

Operator Well No.: FELL #1

LOCATION: Elevation: 617.00 Quadrangle: BENS RUN

District: UNION County: PLEASANTS
Latitude: 14710 Feet South of 39 Deg. 27Min. 30 Sec.
Longitude 1820 Feet West of 81 Deg. 5 Min. 0 Sec.

Company: GASSEARCH CORPORATION
7845 EMERSON AVENUE
PARKERSBURG, WV 26101-0000

Agent: NOBLE ZICKEFOOSEE

Inspector: SAMUEL HERSMAN
Permit Issued: 07/10/92
Well work Commenced: 8-3-92
Well work Completed: 8-9-92
Verbal Plugging
Permission granted on:
Rotary Cable Rig
Total Depth (feet) 800'
Fresh water depths (ft) 25', 33',
48', 122', 145'
Salt water depths (ft) none

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8"	178'	178'	to surface
7"	522'	522'	to 178'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Cow Run Pay zone depth (ft) 535', 725'
Gas: Initial open flow show MCF/d Oil: Initial open flow none Bbl/d
Final open flow N/A MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure N/A psig (surface pressure) after N/A Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: GASSEARCH CORPORATION

Reviewed TMG
Recorded _____

By: Noble Zickefoose
Date: 10-19-92

PLEAS 2107

Well is currently being evaluated. The well has not been stimulated.

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	<u>Remarks</u>
Loose Gravel	0'	36'	25' ½" stream water
Shale, Red Rock	36'	85'	33', 48' ½" stream water
Shale, Lime	85'	103'	
Shale, sand	103'	161'	122' 1" stream water
Sand, lime	161'	197'	145' 1" stream water
Shale	197'	325'	
Red rock	325'	400'	
Red rock & shale	400'	525'	
Shale and lime	525'	535'	
1st Cow Run	535'	560'	small show of gas
Shale	560'	725'	
2nd Cow Run (Dunkard)	725'	730'	
Shale	730'	800' - TD	

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OCT 15 92

Permitting
Office of Oil & Gas

IR-26
OBVERSE

INSPECTOR'S PERMIT SUMMARY FORM

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Office of OIA
OCT 20 92
Division of
Environmental Protection

WELL TYPE _____ API# 47- 73-02107
ELEVATION: 617.00 OPERATOR: GASSEARCH CORPORATION
DISTRICT: UNION TELEPHONE: (304)464-4666
QUADRANGLE: BENS RUN FARM: MIXER, EMMA J.
COUNTY: PLEASANTS WELL NO.: FELL #1

SURFACE OWNER _____ COMMENTS (Y/N) _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED 07/08/92

DATE PERMIT ISSUED: 07/10/92
DATE LOCATION STARTED 7-30-92 NOTIFIED 7-29-92 DRILLING COMMENCED 8-3-92

WATER DEPTHS 25 , 33 , 48 , 122 *L-LARGE STREAM OF WATER AT THIS POINT*
COAL DEPTHS _____ , _____ , _____ , _____

CASING
RAN 180 FEET OF 9 5/8 " PIPE ON 8-5-92 WITH 50 SACKS FILL UP
RAN 522 FEET OF 7 " PIPE ON 8--92 WITH 50 SACKS FILL UP
RAN _____ FEET OF _____ " PIPE ON _____ WITH _____ FILL UP
RAN _____ FEET OF _____ " PIPE ON _____ WITH _____ FILL UP
RAN _____ FEET OF _____ " PIPE ON _____ WITH _____ FILL UP

T.D. 800' ON 8-8-92 PITS

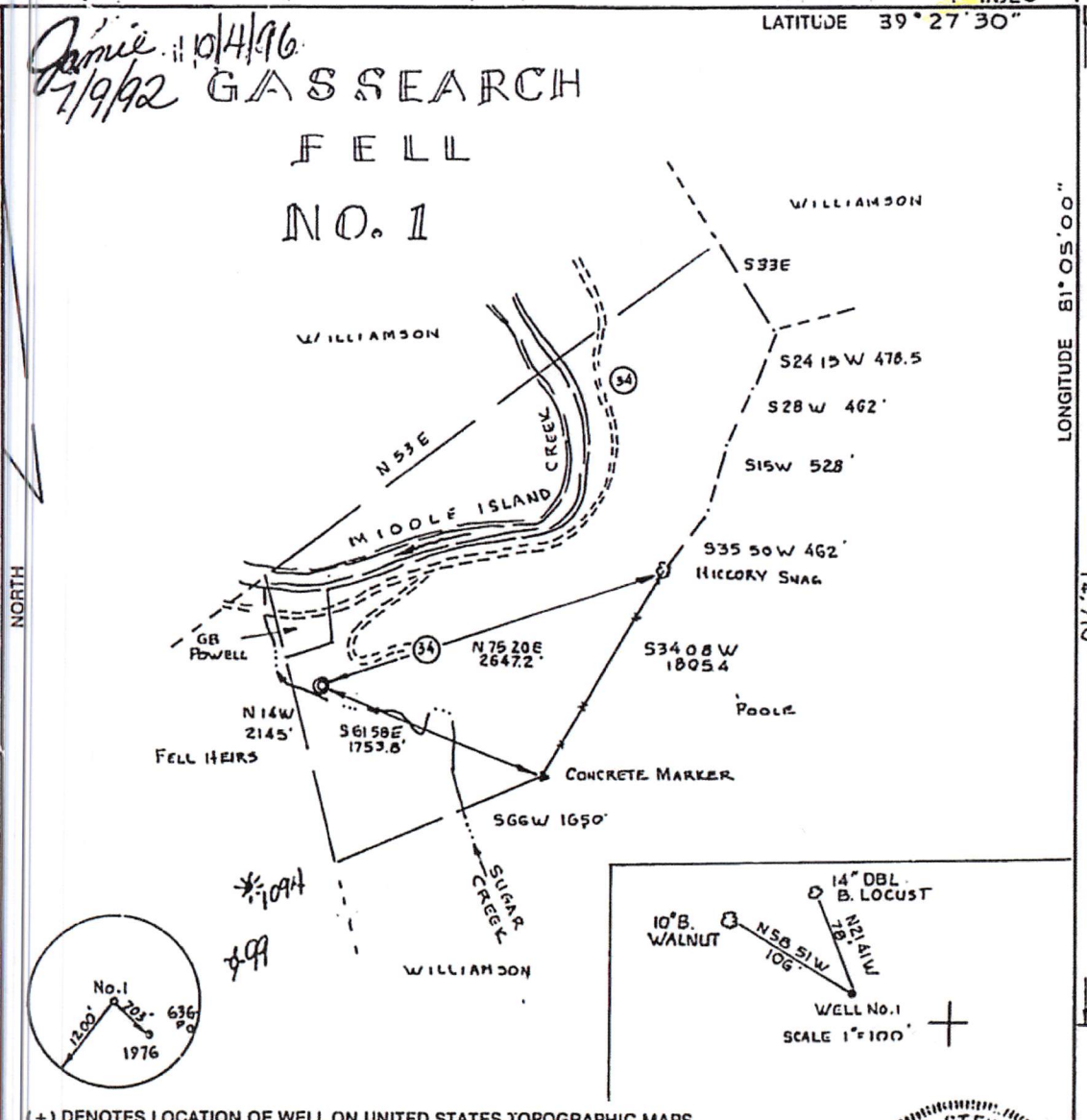
PIT DISCHARGE DATE _____ TYPE _____

FIELD ANALYSIS pH _____ Fe _____ mg/l Cl _____ mg/l
D.O. _____ mg/l TOC _____ mg/l

WELL RECORD RECEIVED _____ pH OF PRE-SEEDING SOIL _____
DMR RECEIVED _____ ACRES DISTURBED _____
DATE RELEASED 10-14-92 TONS OF LIME APP. _____
TONS OF 10-20-20 APP. _____
BALES OF MULCH APP. _____

Samuel Newman
INSPECTOR'S SIGNATURE

-----RECORD ALL VISITS TO THIS WELL ON BACK-----



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

FILE NO. <u>92-0615-053</u>	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 ENERGY. (SIGNED) <u>Scott F. Steiner</u>	
DRAWING NO. _____		
SCALE <u>1" = 1000'</u>		
MINIMUM DEGREE OF ACCURACY <u>1/200</u>		
PROVEN SOURCE OF ELEVATION <u>USGS</u>		
R.P.E. _____ I.L.S. # <u>807</u> Rt. 10 Box 157, Parkersburg, WV Ph 295-9056		PLACE SEAL HERE

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

DATE JUNE 15, 1992
OPERATOR'S WELL NO. 1
API WELL NO. 47-073-02107D

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

LOCATION: ELEVATION 617 WATERSHED SUGAR CREEK STATE West Virginia COUNTY PLASANTS PERMIT Cancelled

DISTRICT LAFAYETTE UNION COUNTY PLEASANTS

QUADRANGLE BENS RUN 7.5

SURFACE OWNER HAZEL FELL ETAL ACREAGE 200
OIL & GAS ROYALTY OWNER HAZEL FELL ETAL LEASE ACREAGE 200

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Drill existing well deeper to 900' produce

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION Cow Run ESTIMATED DEPTH 900'

WEI _____ YESIGI _____ Richard F. Shimer
ADI G & S Oil & Gas Company .ADDI _____ Same Address
402 Farmco Street
Parkersburg, wva. 26102-5762 PH: 304-422-9460

MT. HALL 1981B FORM WW-6

PLASANTS COUNTY NAME PERMIT 2107

47-073-02107A

WW-4A
Revised 6-07

1) Date: 6/24/2019
2) Operator's Well Number
Fell #1 _____
3) API Well No.: 47 - 073 - 02107

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>Patrick Dean Sole</u>	Name <u>N/A</u>
Address <u>276 Westover Lane</u>	Address _____
<u>Washington WV 26181</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Cragin Blevins</u>	(c) Coal Lessee with Declaration
Address <u>1407 19th Street</u>	Name <u>N/A</u>
<u>Vienna WV 26105</u>	Address _____
Telephone <u>304-382-5933</u>	_____

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Office of Oil and Gas
AUG - 9 2019
WV Department of
Environmental Protection

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.

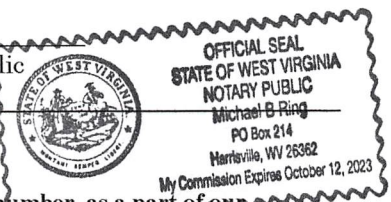
Well Operator G&S Drilling Company Inc
 By: John Grim
 Its: Owner
 Address 195 Hales Landing
Elizabeth WV 26143-7300
 Telephone 681-236-2100

John S Grim

Subscribed and sworn before me this 29th day of July 29, 2019

My Commission Expires Oct 12 2023

Notary Public



Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

SURFACE OWNER WAIVER

Operator's Well
Number

Fell #1

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...".

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

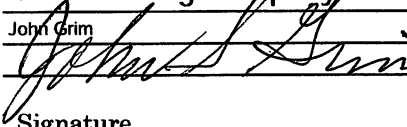
VOLUNTARY STATEMENT OF NO OBJECTION

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

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

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

	Date	Name	G & S Drilling Company Inc.
Signature		By	John Grim
		Its	 Date
		Signature	Date

47-073-02107 P

WW-9
(5/16)

API Number 47 - 073 - 02107
Operator's Well No. Fell #1

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

Operator Name G&S Drilling Company Inc OP Code 307336

Watershed (HUC 10) Sugar Creek Quadrangle Bens Run

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: oil and formation brine water

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20 ml.

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number Brine 161 Ohio)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Carper Well Service, Brine Disposal Well # 161, Reno Ohio,

gcb
7/1/2019

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

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. None

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

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

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

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

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Company Official Signature *John Grim*

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Company Official (Typed Name) John Grim

WV Department of
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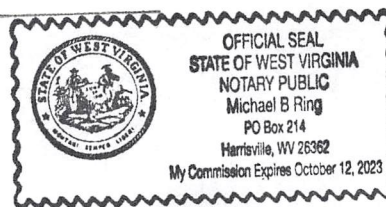
Company Official Title Owner

Subscribed and sworn before me this 31st day of July, 2019

[Signature]

Notary Public

My commission expires Oct 12, 2023



Operator's Well No. Fe 11 #1

Proposed Revegetation Treatment: Acres Disturbed less than 1 Prevegetation pH 6

Lime 2.5 Tons/acre or to correct to pH 6.5

Fertilizer type 12 12 12

Fertilizer amount 1/4 lbs/acre

Mulch Hay or Straw 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type

lbs/acre

Seed Type

lbs/acre

Tall Fescue

40

Ladino Clover

5

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments:

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Set monument 6" diameter pipe with API #, 10' below surface 3' above surface

Title: Oil & Gas Inspector

Date: 7/11/2019

Field Reviewed? Yes No

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

Operator Name: G & S Drilling Company Inc
Watershed (HUC 10): Sugar Creek Quad: Bens Run
Farm Name: Fell #1

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

Skim oil (if any) off pit water.
Pump pit water into tank truck and transport to disposal well.
Carper Well Service, Well 161, Reno, Ohio

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

Well fluids collected in a plastic lined pit.
Berm around pit

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

Well is approximately 88' east of Surgar Creek, Union District, Pleasants County, WV

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

WV Department of
Environmental Protection

Berm around oil and water storage tanks

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

None

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

No waste material will be used for deicing or fill material on the property

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

All personnel working on the Fells #1 well to plug, will be instructed to insure complete containment of all well fluids to and in the lined pit.

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

N/A

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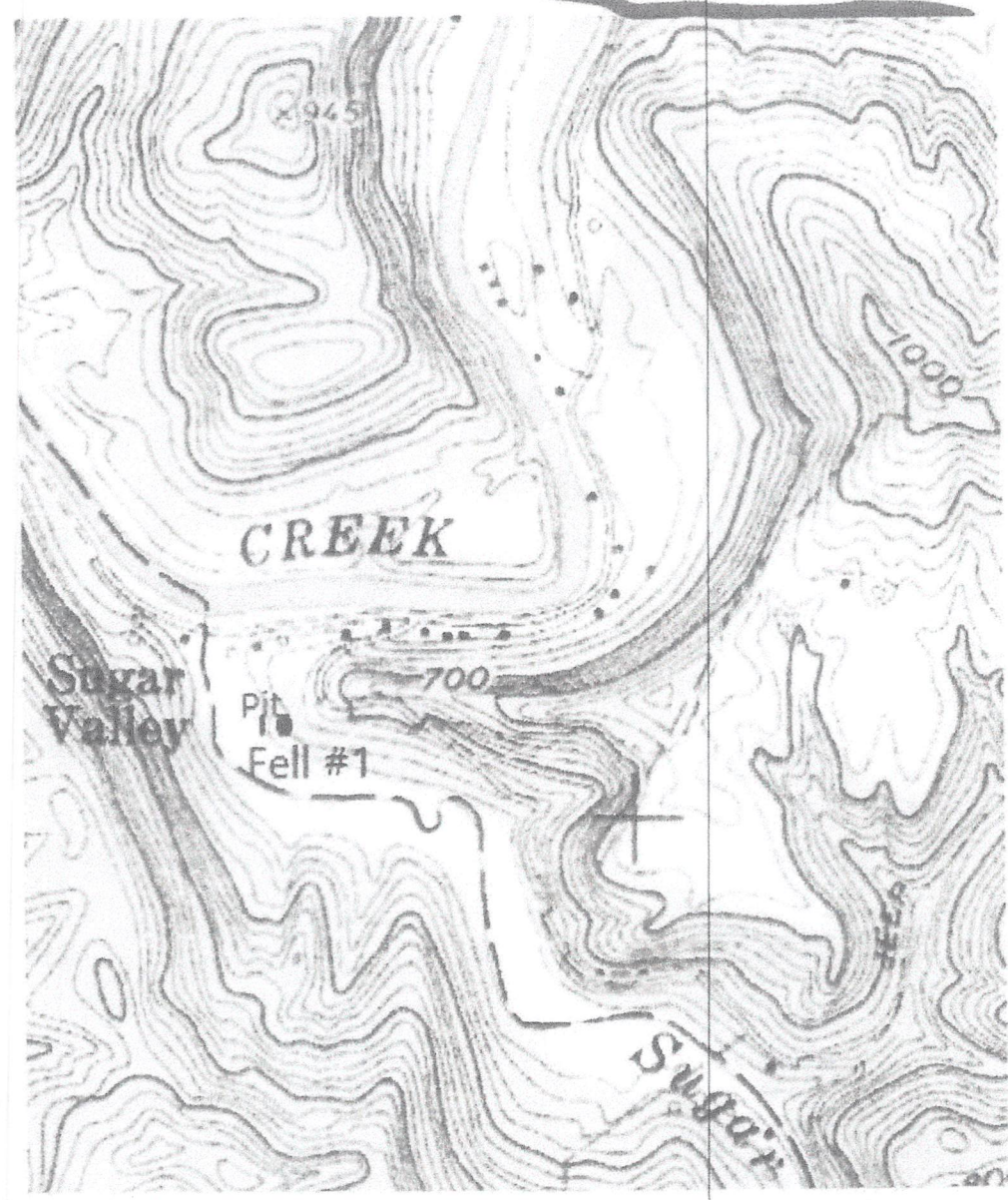
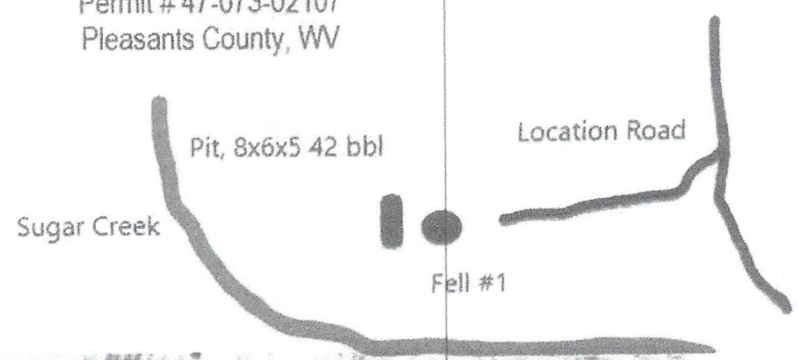
AUG - 9 2019

WV Department of
Environmental Protection

Signature: John S. Grim

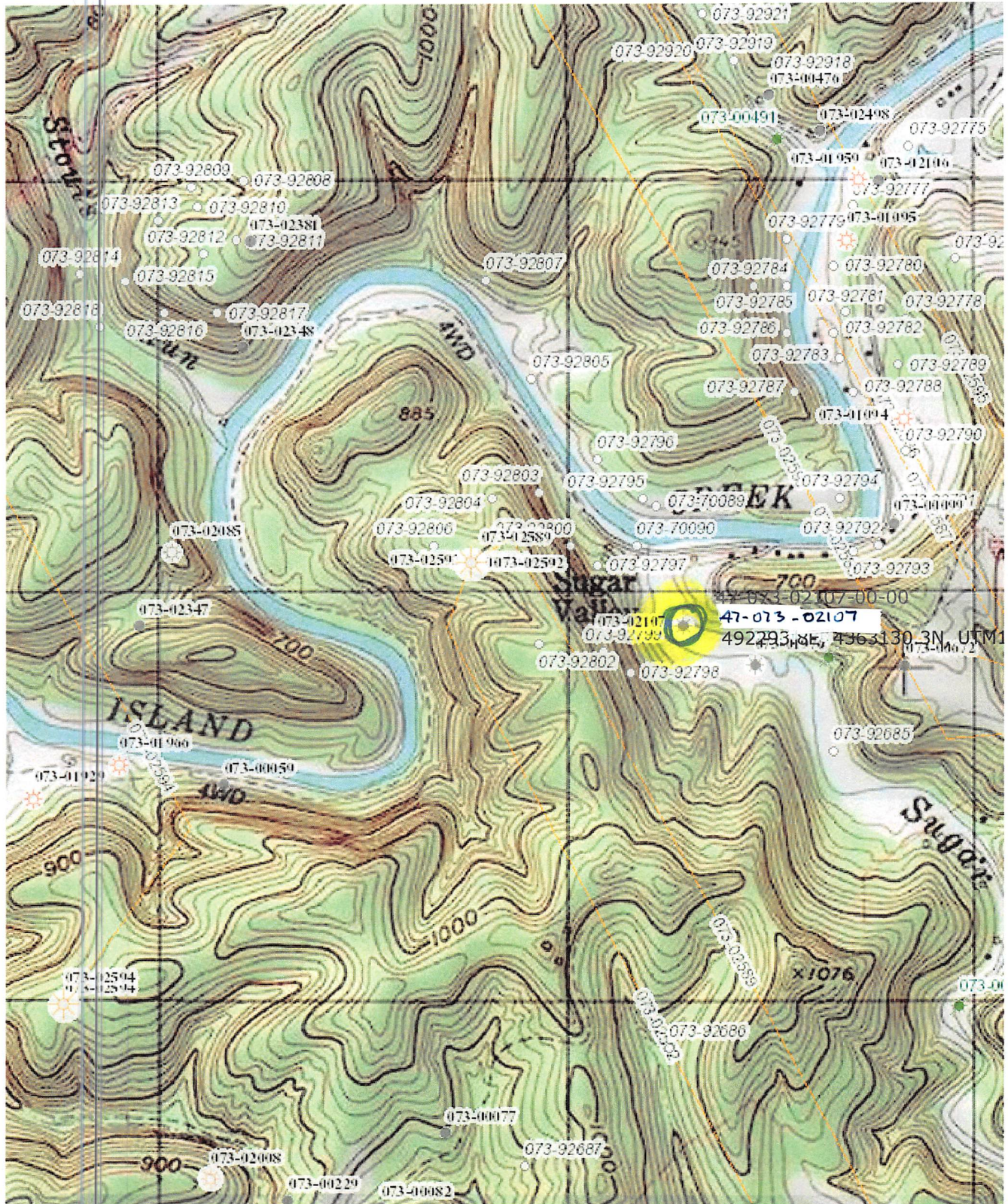
Date: 7/29/19

G&S Drilling Company, Inc.
Fell #1
Permit # 47-073-02107
Pleasants County, WV



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Office of Oil and Gas
AUG - 9 2019
WV Department of
Environmental Protection

Handwritten signature and date:
JCB
8/11/2019



WW-7
8-30-06



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

API: 4707302107 WELL NO.: 1

FARM NAME: Fell

RESPONSIBLE PARTY NAME: G&S Drilling Company Inc

COUNTY: Pleasants DISTRICT: Union

QUADRANGLE: Bens Run

SURFACE OWNER: Patrick Dean Sole

ROYALTY OWNER: Doris & Lewis Holmes, Emma Mixer, Virginia Sole, Gassearch

UTM GPS NORTHING: 4363130.3

UTM GPS EASTING: 492293.8 GPS ELEVATION: 188 meters (617')

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS ____ : Post Processed Differential ____
Real-Time Differential ____
Mapping Grade GPS X : Post Processed Differential ____
Real-Time Differential X

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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.

Gary Watts
Digitally signed by Gary Watts
Date: 2019.06.24 07:15:26
-04'00'

Geologist

6/24/2019

Signature

Title

Date