



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

Wednesday, October 16, 2019
WELL WORK PLUGGING PERMIT
Vertical Plugging

ROSS AND WHARTON GAS COMPANY, INC.
RT. 5, BOX 29
BUCKHANNON, WV 26201

Re: Permit approval for 1
47-041-00595-00-00

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: BENSON, J. M.
U.S. WELL NUMBER: 47-041-00595-00-00
Vertical Plugging
Date Issued: 10/16/2019

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.

47-041-00595P

WW-4B
Rev. 2/01

1) Date October 9, 2019
2) Operator's
Well No. M. Benson #1
3) API Well No. 47-041 - 00595

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 1221' Watershed Skin Creek
District Skin Creek County Lewis Quadrangle Roanoke

6) Well Operator Ross & Wharton Gas Co. Inc. 7) Designated Agent Mike Ross
Address 354 Morton Ave. Address P.O. Box 219
Buckhannon, WV 26201 Coalton, WV 26257

8) Oil and Gas Inspector to be notified Name Barry Stollings
Address 28 Conifer Dr.
Bridgeport, WV 26330
9) Plugging Contractor Name N/A
Address _____

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

- Free point and recover casing's & tubular's *7" CEMENT TOP \approx 750'*
- 6% Gel between plug's *8" CEMENT TOP \approx 750'*
- Set cement plug 1700' to TD (*2280'* *CEMENT TOP ACCORDING TO PLUGGING AFFIDAVIT.*) Plug 100' above multiple oil & gas shows
- Set 100' cement plug across casing cut *\approx 800' - 700'*
- Set cement plug *1250' to 1000'*, elevation plug, 8" casing plug, salt bearing strata
- Set cement plug 200' to surface, groundwater protection plug, and surface plug.
- Tag plug's as necessary, Set monument with API number
- ADD CEMENT PLUG FROM 650 TO 500' (OIL SHOW).*

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

Work order approved by inspector *Barry Stollings* Date *10-15-19*

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

None

COAL OPERATOR OR OWNER: Krebs & Associates
 ADDRESS: Box 427, Charleston, W. Va.
 COMPLETE ADDRESS: May 5, 19 61

COAL OPERATOR OR OWNER: [Blank]
 ADDRESS: [Blank]
 COMPLETE ADDRESS: [Blank]

WELL AND LOCATION: Skin Creek District
 Lewis County

LEASE OR PROPERTY OWNER: [Blank]
 ADDRESS: [Blank]

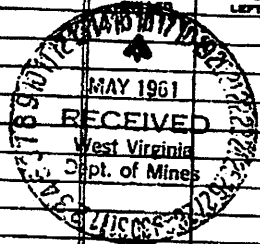
Well No. 1
 Marian J. Benson Farm

STATE INSPECTOR SUPERVISING PLUGGING: Mr. Hoy C. Day, Salem, W. Va.

AFFIDAVIT

STATE OF WEST VIRGINIA,
 County of Kanawha } ss:
 Edgard H. Clark and C. D. Shambles
 being first/duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Glenn, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 7 day of June, 1960, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED		CASING	
		SIZE & KIND	CSG LEFT IN	CSG LEFT IN	CSG LEFT IN
Slate & Shells	Stone 4642' - 4612'				
Slate & Shells	Red Mud 4612' - 4500'				
Slate & Shells	Cement 4500' - 4490'				
Slate & Shells	Open Hole 4490' - 2610'				
Slate & Shells	Cement 2610' - 2584'				
	Full 7" to 2250'				
Slate & Shells	Rook 2584' - 2300'				
Slate & Shells	Cement 2300' - 2280'				
7" Casing cemented with 135 sacks of Cement by Well Service					
Well perforated in Gants - producing					
COAL BEAMS		DESCRIPTION OF MONUMENT			
(NAME)					
(NAME)					
(NAME)					
(NAME)					



and that the work of plugging and filling said well was completed on the 7 day of June, 1960

And further deponents saith not.

Sworn to and subscribed before me this day of June, 1960

My commission expires: July 25, 1964

Edgard H. Clark
 C. D. Shambles
 Notary Public.

Permit No. 47-041-00595P

PARTIAL
PROPOSED MANNER OF PLUGGING AND FILLING WELL
(REQUIRED BY RULES AND REGULATIONS)
WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION
WORK ORDER

Well to be plugged and filled as follows:

Stone	4642	4612
Red Mud	4612	4500
Cement	4500	4490
Open Hole	4490	2610
Cement	2610	2504
Fill 7" to	2250	
Fill up with rock to	2504	2300
Cement	2300	2290
Cement 7" pipe in hole		

To the Department of Mines
: Coal Owner or Operator,
: Lease or Property Owner.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

6th. ~~DECEMBER~~ 19____ day of _____, 19____

DEPARTMENT OF MINES
Oil and Gas Division

By: M. E. Giffith

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Quadrangle CRAWFORD

Permit No. LEW-595

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company Krebs & Associates
Address Box 127, Charleston, W. Va.
Farm M. J. Benson Acres 211
Location (waters) Skin Creek
Well No. 1 Elev. 1221.6'
District Skin Creek County Lewis
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced August 19, 1960
Drilling completed Nov. 28, 1960
Date Shot _____ From _____ To _____
With _____

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	36	Left	
10	26219"	Left	Size of
8 1/2	1096	Left	
7"	2584	Left	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

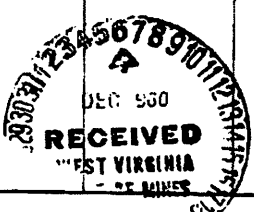
WELL FRACTURED _____

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

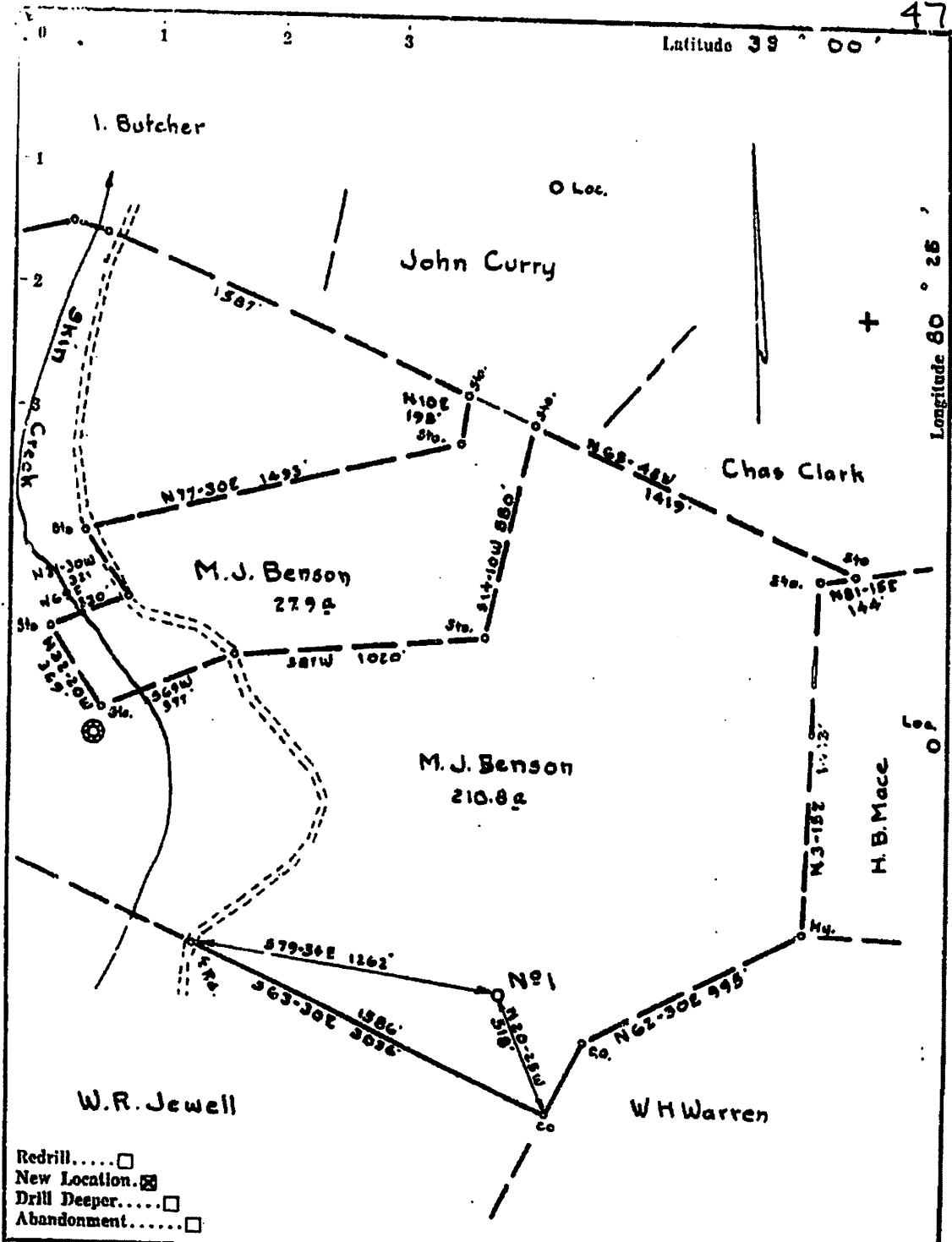
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	Brown	Soft	00	20			
Sand	Grey	Soft	20	58			
Sl & Shell	Grey	Soft	58	114			
Red Lime	Red	Soft	114	154			
Red Rock	Red	Soft	154	246			
Slate	Grey	Soft	246	342			
Sand	Grey	Med.	342	368			
Sl & Shell	Grey	Soft	368	384			
Sand	Grey	Med.	384	405			
Sl & Shell	Grey	Soft	405	422			
Sand	Grey	Med.	422	453			
Sl & Shell	Grey	Soft	453	503			
Sand	Grey	Med.	503	534			
Sl & Shell	Grey	Soft	534	576			
Sand	Grey	Med.	576	657	Oil	580	Show
Sl & Shell	Grey	Soft	657	691			
Gr. Lime Shell	Grey	Soft	691	731			
Sl & Shell	Grey	Soft	736	791			
Sand	Grey	Med.	791	805			
Slate	Grey	Soft	805	893			
Sand	Grey	Med.	893	928	Water	920	1 1/2 Bailer per hr.
Slate	Grey	Soft	928	943			
Sand	Grey	Med.	943	1029			
Slate	Grey	Soft	1029	1044			
Sand	Grey	Soft	1044	1055			
Sl & Shell	Grey	Soft	1055	1185			
Sand Br.	Grey	Med.	1185	1267			
Slate	Grey	Soft	1267	1306			
Lime Gritty	Grey	Soft	1306	1342			
Sand	Grey	Med.	1342	1371			



(over)

Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sl & Shell	Grey	Soft	1371	1377			
Sand	Grey	Med.	1377	1425			
Slate	Grey	Soft	1425	1457			
Red Rock	Red	Med.	1457	1506			
Sand	Grey	Med.	1506	1541			
Red Rock	Red	Med.	1541	1594			
Lime Gritty	Grey	Soft	1594	1602			
Red Rock	Red	Soft	1602	1632			
Lime Gritty	Grey	Soft	1632	1704			
Slate Pencil	Grey	Soft	1704	1710			
Big Lime	Grey	Soft	1710	1781			
Injun Sand	Brown	Soft	1781	1875	Oil	1823 - 1831	Show
Lime	Grey	Soft	1875	1884			
Sand	Brown	Soft	1884	1913			
Sl & Shell	Grey	Soft	1913	1981	Gas	1987 - 1991	Show
Sand	Grey	Med.	1981	1997			
Slate	Grey	Soft	1997	2020	Oil	2023 - 2029	Show
Sand	Grey	Med.	2020	2041			
Sl & Shell	Grey	Soft	2041	2099			
Sand	Grey	Med.	2099	2143			Sand from 2119 to 2128
Slate	Grey	Soft	2143	2166	Oil	2174 - 2181	Fine & Hard
Sand	Grey	Hard	2166	2186		Show	
Slate	Grey	Med.	2186	2207			
Sand	Grey	Med.	2207	2239			
Slate	Grey	Soft	2239	2251			
Lime Gritty	Grey	Soft	2251	2316	Oil	2320	Show
Sand	Grey	Med.	2316	2366			
Sl & Shell	Grey	Soft	2366	2393			
Sand	Grey	Med.	2393	2407			
Sl & Shell	Grey	Soft	2407	2450			
Sand	Grey	Med.	2450	2457			
Sl & Shell	Grey	Soft	2457	2506	Gas	2508 - 2513	4/10W 1"
Sand	Grey	Med.	2506	2569	Gas	2525 - 2533	10/10W 1"
Sl & Shell	Grey	Soft	2569	2724	Gas	2533 - 2541	14/10W 1"
Sand	Grey	Med.	2724	2742	Gas	2551 - 2557	30/10W 1"
Sl & Shell	Grey	Soft	2742	2845	Water	2542 - 2548	1 Bailer per hr
Gritty Lime	Grey	Soft	2845	2889			
Slate	Grey	Soft	2889	2928			
Gritty Lime	Grey	Soft	2928	2948			
Sand	Grey	Med.	2948	2997			
Gritty Lime	Grey	Soft	2997	3124			
Sl & Shell	Grey	Soft	3124	3138			
Gritty Lime	Grey	Soft	3138	3360			
Sl & Shell	Grey	Med.	3360	3369			
Lime	Grey	Soft	3369	3581			
Sl & Shell	Grey	Soft	3581	3628			
Lime	Grey	Soft	3628	3672			
Sl & Shell	Grey	Soft	3672	3770			
Lime	Grey	Soft	3770	3850			
Sand	Grey	Med.	3850	3920			
Lime	Grey	Soft	3920	4038			
Sl & Shell	Grey	Soft	4038	4120			
Sand	Grey	Med.	4120	4135			
Sl & Shell	Grey	Soft	4135	4165			
Lime	Grey	Med.	4165	4352			
Sand Shells	Grey	Med.	4352	4495			
Sl & Shell	Grey	Soft	4495	4519			
Sand Shells	Grey	Med.	4519	4612			
Sl & Shells	Grey	Sort	4612	4642			

Date Dec. 5, 1966APPROVED Heads & Associates OwnerBy M. G. Cook Agent
(Title)



Redrill.....
 New Location.
 Drill Deeper.....
 Abandonment.....

Company	<u>Krebs and Associates</u>
Address	<u>Charleston, W. Va.</u>
Farm	<u>M. J. Benson</u>
Tract	Acres <u>211</u> Lease No. _____
Well (Farm) No.	<u>1</u> Serial No. _____
Elevation (Spirit Level)	<u>1221.6 VA.</u>
Quadrangle	<u>Crawford N.W. 2 1/2 N.W.</u>
County	<u>Lewis</u> District <u>Skin Creek</u>
Engineer	<u>J. D. Jeffries</u>
Engineer's Registration No.	<u>1084</u>
File No.	<u>199/76</u> Drawing No. _____
Date	<u>7-6-60</u> Scale <u>1"=500'</u>

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

WELL LOCATION MAP

FILE NO. LEW-595

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

WW-4A
Revised 6-07

1) Date: October 9, 2019
2) Operator's Well Number
M. Benson #1
3) API Well No.: 47 - 041 - 00595

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>US Army Corps of Engineers Stonewall Jackson Lake</u>	Name <u>N/A</u>
Address <u>Attn: Jeff Toler 1012 Skin Creek Road</u>	Address _____
<u>Weston, WV 26452</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Barry Stollings</u>	(c) Coal Lessee with Declaration
Address <u>28 Conifer Dr.</u>	Name <u>N/A</u>
<u>Bridgeport, WV 26330</u>	Address _____
Telephone <u>1-304-552-4194</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.

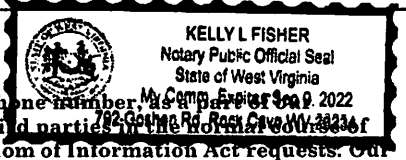
Well Operator Ross & Wharton Gas Company Inc.
 By: *Truke Ross*
 Its: President
 Address 354 Morton Ave.
Buckhannon, WV 26201
 Telephone 304-472-4289

Subscribed and sworn before me this 10TH day of October, 2019

Kelly L. Fisher Notary Public
My Commission Expires September 9, 2022

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as needed to perform its 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

47-041-00595 M. Benson #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, and the approximate location of the proposed well site including district and other documents, such as sketches, maps or photographs to support

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

U.S. Postal Service™	
CERTIFIED MAIL® RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com	
WESTON, WV 26061	
Certified Mail Fee	\$3.20
Extra Services & Fees (check box, add fee to postage)	
<input type="checkbox"/> Return Receipt (hardcopy)	
<input type="checkbox"/> Return Receipt (electronic)	
<input type="checkbox"/> Certified Mail Restricted Delivery	
<input type="checkbox"/> Adult Signature Required	
<input type="checkbox"/> Adult Signature Restricted Delivery	
Postage	\$0.00
Total Postage	\$6.85
Sent To	US Army Corps of Engineers
Street and Apt. No., or P.O. Box No.	26452
City, State, ZIP+4®	WESTON, WV 26452
PS Form 3800, April 2015 PSN 7530-02-000-9047	See Reverse for Instructions

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; damage would occur to publicly owned lands or resources;

3. The proposed well work fails to protect fresh water sources or supplies;

4. 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 must 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 of Application for a Permit to Plug and Abandon on Forms WW-4A and WW-4B, and a survey plat.

objection to a permit being issued on those materials.
FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

Signature

Date

Name
By
Its

Date

Signature _____ Date _____

47-041-00595P

WW-9
(5/16)

API Number 47 - 041 - 00595
Operator's Well No. _____

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

Operator Name Ross & Wharton Gas Co. Inc. OP Code 306580

Watershed (HUC 10) Skin Creek Quadrangle Roanoke

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 _____)

ANY WELL EFFLUENT MUST BE CONTAINED IN TANKS AND DISPOSED OF PROPERLY.

Will closed loop system be used? If so, describe: _____

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

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

Additives to be used in drilling medium? _____

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

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

-Landfill or offsite name/permit number? _____

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

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

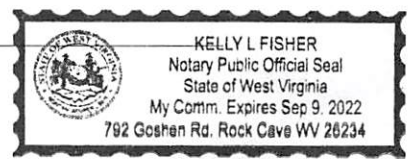
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is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

Company Official Signature *Mike Ross*
Company Official (Typed Name) Mike Ross
Company Official Title President

Subscribed and sworn before me this 10TH day of October, 2019

Kelly L. Fisher Notary Public

My commission expires September 9, 2022



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch Hay Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Fescue	30	Fescue	30
Contractor's Mix		Contractor's Mix	
_____		_____	
_____		_____	

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: Barry Schultz

Comments: _____

Title: inspector Date: 10-15-19

Field Reviewed? () Yes () No

N/A

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

Operator Name: Ross & Wharton Gas Co. Inc.
Watershed (HUC 10): Skin Creek Quad: Roanoke
Farm Name: _____

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

N/A

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

N/A

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

Skin Creek

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

N/A

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

N/A

N/A

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

No material will be used

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.

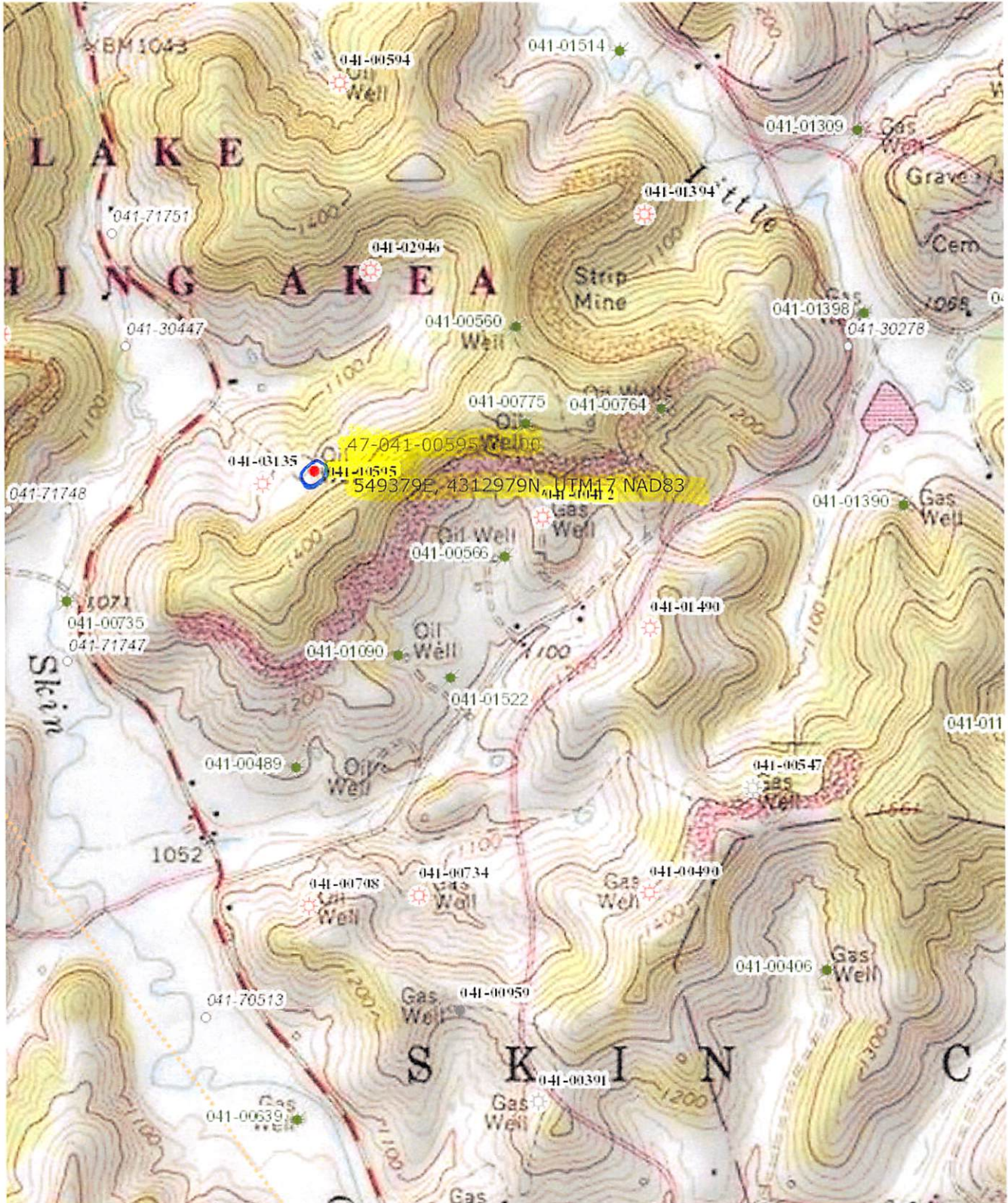
N/A

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

N/A

Signature: Mike Ross

Date: 10-10-2019



47-041-00595P

DALE (U.S. 19) 1:7 MI.

27°30'54"

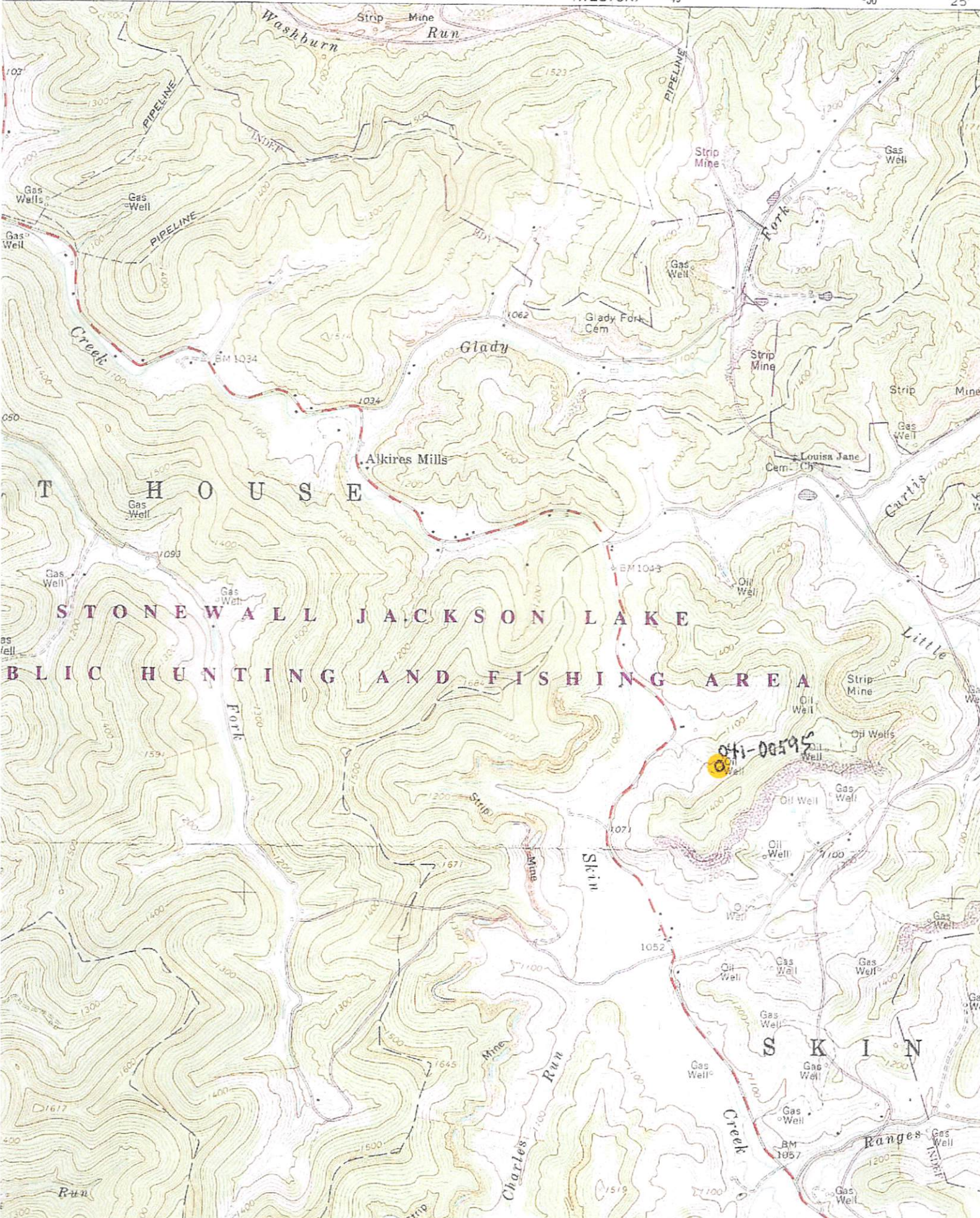
548

4962 III SW
(WESTON)

549

550

25'



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-041-00595 WELL NO.: 1

FARM NAME: M. Benson

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Lewis DISTRICT: Skin Creek

QUADRANGLE: Roanoke

SURFACE OWNER: US Army Corps of Engineers Stonewall Jackson Lake

ROYALTY OWNER: M.J. Benson et.al.

UTM GPS NORTHING: 4312982.7

UTM GPS EASTING: 549378.9 GPS ELEVATION: 1221'

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.

Mike Ross
Signature

President
Title

10-10-2019
Date