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 west virginia department of environmental protection
 

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

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Thursday, April 11, 2019  
 WELL WORK PLUGGING PERMIT  
 Vertical Plugging

BRAXTON OIL AND GAS CORP.  
 P. O. BOX 219

COALTON, WV 262570219

Re: Permit approval for 1  
 47-021-03560-00-00

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: STOUT, R. J.  
 U.S. WELL NUMBER: 47-021-03560-00-00  
 Vertical Plugging  
 Date Issued: 4/11/2019

## 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

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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 February 20, 2019 **04/12/2019**  
2) Operator's Well No. R.J. Stout #1  
3) API Well No. 47-021-03560

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 1273' Watershed Longshoal Run of the Little Kanawha River  
District Glennville County Gilmer Quadrangle Burnsville
- 6) Well Operator Braxton Oil & Gas Corp. 7) Designated Agent Mike Ross  
Address P.O. Box 219 Address P.O. Box 219  
Coalton, WV 26257 Coalton, WV 26257
- 8) Oil and Gas Inspector to be notified Name Danny Mullins 9) Plugging Contractor Name N/A  
Address 220 Jack Acres Rd. Address \_\_\_\_\_  
Buckhannon, WV 26201

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

- Free point and recover casing's & tubular's
- SPOT GEL**
- 6% Gel between plug's
- Set cement plug 2250' to TD (2727') Plug 100' above top perf
- Set 100' cement plug across casing cut
- Set cement plug 1500' to 1600'
- Set 100' cement plug 1200' to 1300' ( salt bearing strata, elevation plug)
- Set cement plug 300' to surface, (8" casing plug, freshwater protection plug and surface plug) Tag plug's as necessary, Set Monument with API number

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

Work order approved by inspector *Danny Mullins*

Date 2-25-19 RECEIVED  
Office of Oil and Gas  
Office of Oil and Gas

MAR 01 2019



FORM IV-35 (Obverse) [08-78]

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

Date: December 12, 19 79

Operator's Well No. #1 R.J. Stout Heirs API Well No. 47-021-3560 State County Permit

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas", Production X / Underground storage / Deep / Shallow) LOCATION: Elevation: 1073' Watershed: Longshoal Run of Little Kanawha River District: Glenville County: Gilmer Quadrangle: Burnsville

WELL OPERATOR: Braxton Oil and Gas Corp. DESIGNATED AGENT: W.W. Woodroe Address: 2821 N.W. 50th St. Okla. City, Ok. 73112 Address: P.O. Box 951 Charleston, W. VA. 25323

PERMITTED WORK: Drill X / Convert / Drill deeper / Ream / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

PERMIT ISSUED ON November 7, 19 79

OIL & GAS INSPECTOR FOR THIS WORK:

IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED

Name: Paul Goodnight Address: Smithville, W. VA.

GEOLOGICAL TARGET FORMATION: Squaw Depth: 2700' feet Depth of completed well, 2727 feet Rotary X / Cable Tools Water strata depth: Fresh, NONE feet; salt, NONE feet. Coal seam depths: NONE Is coal being mined in the area? NO Work was commenced November 13, 19 79, and completed December 15, 19 79

LOGGING AND TUBING PROGRAM

Table with columns: LOGGING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths, Perforations: Top, Bottom). Includes a 'RECEIVED' stamp and 'JAN 10 1980' stamp.

IN-FLUX DATA

Producing formation: Big Injun Pay zone depth: 2462-72 feet Gas: Initial open flow, 40 Mcf/d Oil: Initial open flow, NONE bbl/d Final open flow, 1.3M Mcf/d Final open flow, NONE bbl/d Time of open flow between initial and final tests, 4 hours Static rock pressure, 730 psig (surface measurement) after 72 hours shut in. Second producing formation: Pay zone depth: feet 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 measurement) after hours shut in.

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FORM IV-35  
(Reverse)

[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

"Frac" December 20, 1979

Acid-2000 gallons, Water-1040 bbls, Sand-70,000 20/40

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Including indication of all fresh and salt water, coal, oil and gas
Soil and Red Rock			-0-	240	
Sandy Shale			240	490	
Red Rock and Shale			490	720	
Sandy Shale			720	960	
Slate and Shale			960	1350	
Sandy Shale			1350	1880	
Sand			1880	1900	
Sandy Shale			1900	2304	
Blue Monday Sand			2304	2330	Show gas 2320-40
Big Lime			2330	2455	
Big Injun			2455	2525	Show gas 2460-70
Squaw			2525	2585	
Sandy Shale			2585	2727	T.D.

(Attach separate sheets to complete as necessary)

Braxton Oil and Gas Corp.  
Well Operator

By Donald R. Harris  
President

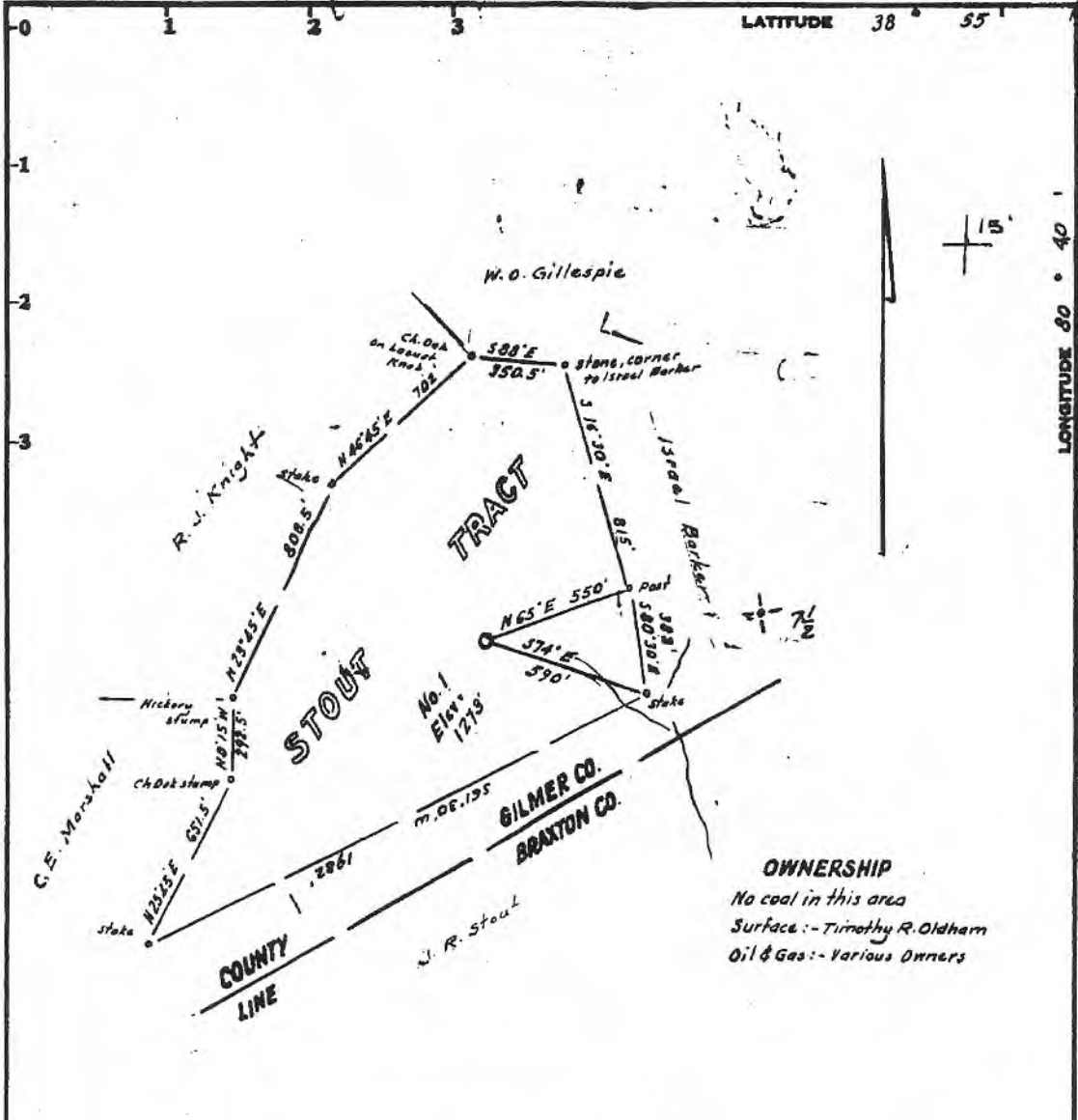
NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

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11/7/79



**OWNERSHIP**  
 No coal in this area  
 Surface :- Timothy R. Oldham  
 Oil & Gas :- Various Owners

Minimum Error of Closure 1 in 200  
 Source of Elevation Elev of road at Barker Church = 1279

- Fracture
- New Location
- Drill Deeper
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]  
 Squares: N S E W

Map No. \_\_\_\_\_

Company BRAXTON OIL & GAS CO.

Address Suite 110, 2821 NW 30th, Oklahoma City, Okla. USA

Farm Stout 41.14 tract (Ruddman et al)

Tract \_\_\_\_\_ Acres 41.14 Lease No. \_\_\_\_\_

Well (Farm) No 1-Oldham Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1279

Quadrangle Gilmer 7 1/2, Burnsville 15'

County Gilmer District Glenville

Engineer [Signature]

Engineer's Registration No. 1227

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date November 3, 1979 Scale 1" = 500'

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

**WELL LOCATION MAP**

FILE NO. **47-021-3560**

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown.

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

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2400 Spear

WW-4A  
Revised 6-07

1) Date: February 20, 2019  
2) Operator's Well Number  
R.J. Stout #1

3) API Well No.: 47 - 021 - 03560

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>Robert Overcash c/o Specialized Loan Servicing</u>	Name <u>N/A</u>
Address <u>8742 Lucent Blvd., Suite 200</u>	Address _____
<u>Highlands Ranch, CO 80129</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
<b>6) Inspector</b> <u>Danny Mullins</u>	(c) Coal Lessee with Declaration
Address <u>220 Jack Acres Rd.</u>	Name <u>N/A</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>1-304-932-6844</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 Braxton Oil & Gas Corp.  
 By: *Mike Best*  
 Its: President  
 Address P.O. Box 219  
Coalton, WV 26257  
 Telephone 1-304-472-4289

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Subscribed and sworn before me this 21<sup>ST</sup> day of February, 2019  
*Kelly L. Fisher*  
 My Commission Expires September 9, 2022  
 Notary Public

WV Department of  
 Environmental Protection  
 Environmental Protection

**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 on third parties in the regular 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](mailto:depprivacyofficer@wv.gov).





WW-9  
(5/16)

API Number 47 - 021 - 03560  
Operator's Well No. \_\_\_\_\_

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

Operator Name Braxton Oil & Gas Corp. OP Code 306085

Watershed (HUC 10) Longshoal Run of the Little Kanawha River Quadrangle Burnsville

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 \_\_\_\_\_)

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 21<sup>ST</sup> day of February, 2019

*Kelly R. Fisher* Notary Public

My commission expires September 9, 2022

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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: Darryl Mullins

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: OOB Inspector

Date: 2-25-19

Field Reviewed? ( ) Yes (  ) No

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

Operator Name: Braxton Oil & Gas Corp.  
Watershed (HUC 10): Longshoal Run of the Little Kanawha River Quad: Burnsville  
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.

Longshoal Run of the Little Kanawha River

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.

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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: \_\_\_\_\_



Date: \_\_\_\_\_

2-21-19

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04/12/2019



021-03560

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WV Department of Environmental Protection



WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-021-03560 WELL NO.: 1

FARM NAME: R.J. Stout

RESPONSIBLE PARTY NAME: Mike Ross

COUNTY: Gilmer DISTRICT: Glennville

QUADRANGLE: Burnsville

SURFACE OWNER: Robert Overcash

ROYALTY OWNER: R.J. Stout Heirs

UTM GPS NORTHING: 4304701.0

UTM GPS EASTING: 527579.1 GPS ELEVATION: 1273'

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 President  
Signature Title

2-21-19 # 01 2019  
Date

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