



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

July 06, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8510223, issued to UNKNOWN - DEP PAID PLUGGING CONTRACT, 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 all 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.


James Martin
Chief

Operator's Well No: STEELE RUN #6 - 80625

Farm Name:

API Well Number: 47-8510223

Permit Type: Plugging

Date Issued: 07/06/2015

Promoting a healthy environment.

07/17/2015

WW4-A
Revised
2/01

1) Date: 7/06/2015
2) Operator's Well Number Steele Run # 6- 80625
3) API Well No. 47- ~~085~~ 80625

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
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>Mike Ross Inc. w</u>	Name	<u>NA</u>
Address	<u>Rt. 5 Box 29</u>	Address	<u></u>
	<u>Buckhannon, WV 26201</u>		
(b) Name	<u></u>	(b) Coal Owner(s) with Declaration	
Address	<u></u>	Name	<u>NA</u>
		Address	<u></u>
(c) Name	<u></u>	Name	<u>NA</u>
Address	<u></u>	Address	<u></u>
6) Inspector	<u>David W. Cowan</u>	(c) Coal Lessee with Declaration	
Address	<u>Rt.1 Box 202</u>	Name	<u>NA</u>
	<u>Harrisville, WV 26362</u>	Address	<u></u>
Telephone	<u>(304) 389-3509</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	<u>WV DEP Plugging</u>
By:	<u>James Martin</u>
Its:	<u>Agent</u>
Address	<u>601 57th Street</u>
	<u>Charleston, WV 25304</u>
Telephone	<u>304 926-0499</u>

Subscribed and sworn before me this _____ day of _____ Notary Public
My Commission Expires _____

07/17/2015

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

I, the undersigned, have been notified by a representative from the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas, of an abandoned

This Well(s) and/or tank(s) is considered a potential hazard or imminent danger, or a possible pollutant to the surface or underground, or is wasting natural resources (leaking) and must be properly plugged or cleaned out and replugged.

I hereby give the State of West Virginia permission to have a responsible contractor enter upon or traverse my property for the purpose of plugging this well(s) and or remove tank(s)

Oil spill Clean Up And Also The EPA OSC And his contractor/s Have the right of ingress and egress

Permit No. (if known) _____ Well No.(if known) 85-80619,80625 And 80626_

Farm Name Cutbert & Carl County Ritchie

District Grant Waters of Oil Spring Run

The contractor will properly Plug the above well(s), remove all materials from the well location and reclaim, seed and mulch the well location and well road accesses used to state specifications. The Spill Clean Up and reclamation shall be supervised by the WVDEP.

Owner Name Mike Ross Inc

Owner Signature Mike Ross

Owner Address Rt. 5 Box 29

Buckhannon Wv 26201 Date 6-1-2015

Please Return to: WVDEP-OFFICE OF OIL AND GAS

Dave Gilbert

601 57th Street

Charleston WV 25304

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil x / Gas _____ / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production _____ or Underground storage _____) Deep _____ / Shallow x
- 5) Location: Elevation 846' _____ Watershed Steele Run _____
District Grant _____ County Ritchie Quadrangle Petroleum _____
- 6) Well Operator WV DEP Plugging _____ 7) Designated Agent James Martin _____
Address 601 57th Street _____ Address 601 57th Street SE _____
Charleston, WV 25304 _____ Charleston, WV 25304 _____
- 8) Oil and Gas Inspector to be notified _____ 9) Plugging Contractor _____
Name David W. Cowan _____ Name R.L. Wharton Enterprises _____
Address Rt. 1 Box 202 _____ Address Rt. 9 Box 218 _____
Harrisville, WV 26362 _____ Buckhannon, WV 26201 _____

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

Rig up
Clean out from the surface to T.D. at Approx. 250-900' (No Well Record Available)
Cut and remove all free pipe.
Run tubing in the hole to TD approximately 250-900', gel hole using 6% gel
Set Minimum 100' Cement Plug from TD
Set 6% Gel spacer
Cement well from 100' to the surface
Gel between all plugs and tag all Plug's
Erect a monument with the API number attached

Note:

(No well record available)
Well is believed to have been drilled to the 1st Cow Run when drilled. The 1st Cow Run depth in that area is at approx. 167' in the valley floor.
Historical Records indicate that wells were drilled to various depths depending on the Specific Gravity of the Crude

OFFICE USE ONLY

PLUGGING PERMIT

Permit Number _____ Date _____, 19 _____

This permit covering the well and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 Hours before actual permitted work has commenced.

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires _____ unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: _____ Agent: _____ Plat: _____ Casing: _____ WPCP: _____ Other: _____

Chief, Office of Oil and Gas 07/17/2015

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name WV DEP Plugging OP Code _____

Watershed Steele Run Quadrangle Petroleum

Elevation 846' County Ritchie District Grant

Description of anticipated Pit Waste: Plugging Fluid

Will a synthetic liner be used in the pit? Yes

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number #2D0855151)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on June 14, 1994, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

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

Company Official Signature _____

Company Official (Typed Name) James Martin

Company Official Title Agent

Subscribed and sworn before me this _____ day of _____, 19 _____

_____ Notary Public

My commission expires _____

Property Boundary	Diversion
Road	Spring
Existing Fence	Wet Spot
Planned Fence	Drain Pipe with size in inches
Stream	Waterway
Open Ditch	Cross Drain
Rock	Artificial Filter Strip
North	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	

Proposed Revegetation Treatment: Acres Disturbed 1 acre Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
<u>Pasture Mix</u>	<u>100</u>	<u>Pasture Mix</u>	<u>100</u>
_____	_____	_____	_____
_____	_____	_____	_____

Attach:
Drawing(s) of road, location, pit and proposed area for land application.

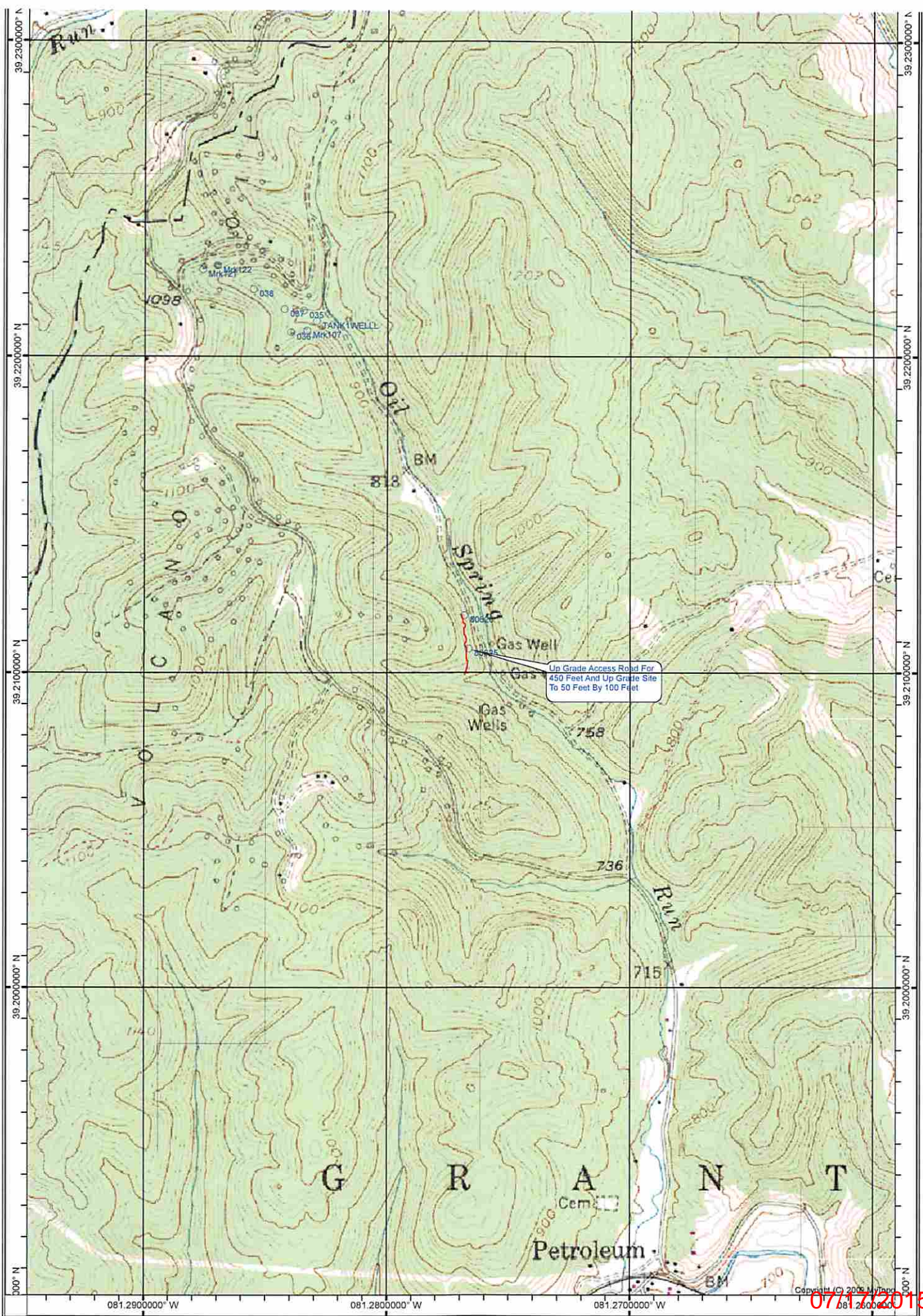
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: David Gilbert

Title: Inspector Date: 7/1/2015

Field Reviewed? Yes No

07/17/2015





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

API: 47-085-_____ WELL NO.: Steel Run #6 (80625)_____

FARM NAME: Mike Ross Inc._____

RESPONSIBLE PARTY NAME: WVDEP_____

COUNTY: Ritchie_____ DISTRICT: Grant_____

QUADRANGLE: Petroleum_____

SURFACE OWNER: Mike Ross Inc._____

ROYALTY OWNER: W.B, Richardson agent for Carle & Cuthbert Heirs_____

UTM GPS NORTHING: 4340214.0_____

UTM GPS EASTING: 476109.0_____ Elevation 846'_____

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.

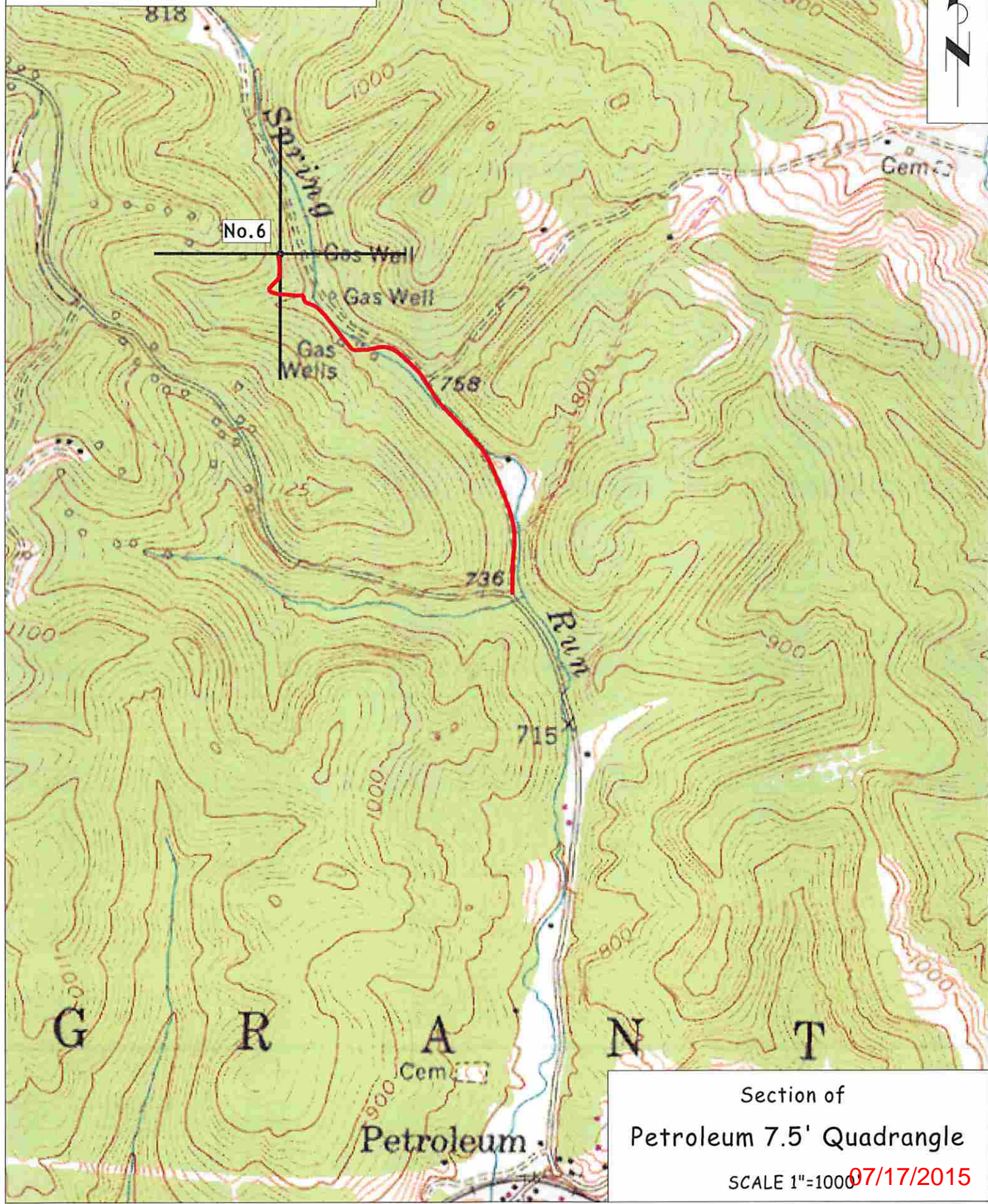
Dave Gilbert_____
Signature

Inspector Specialist_____
Title

Date 7/1/2015_____

SUBJECT WELL
Steel Run No.6
47-085-

818



No.6

Gas Well

Gas Well

Gas Wells

758

736

715

G

R

A

N

T

Cem

Petroleum

Section of
Petroleum 7.5' Quadrangle

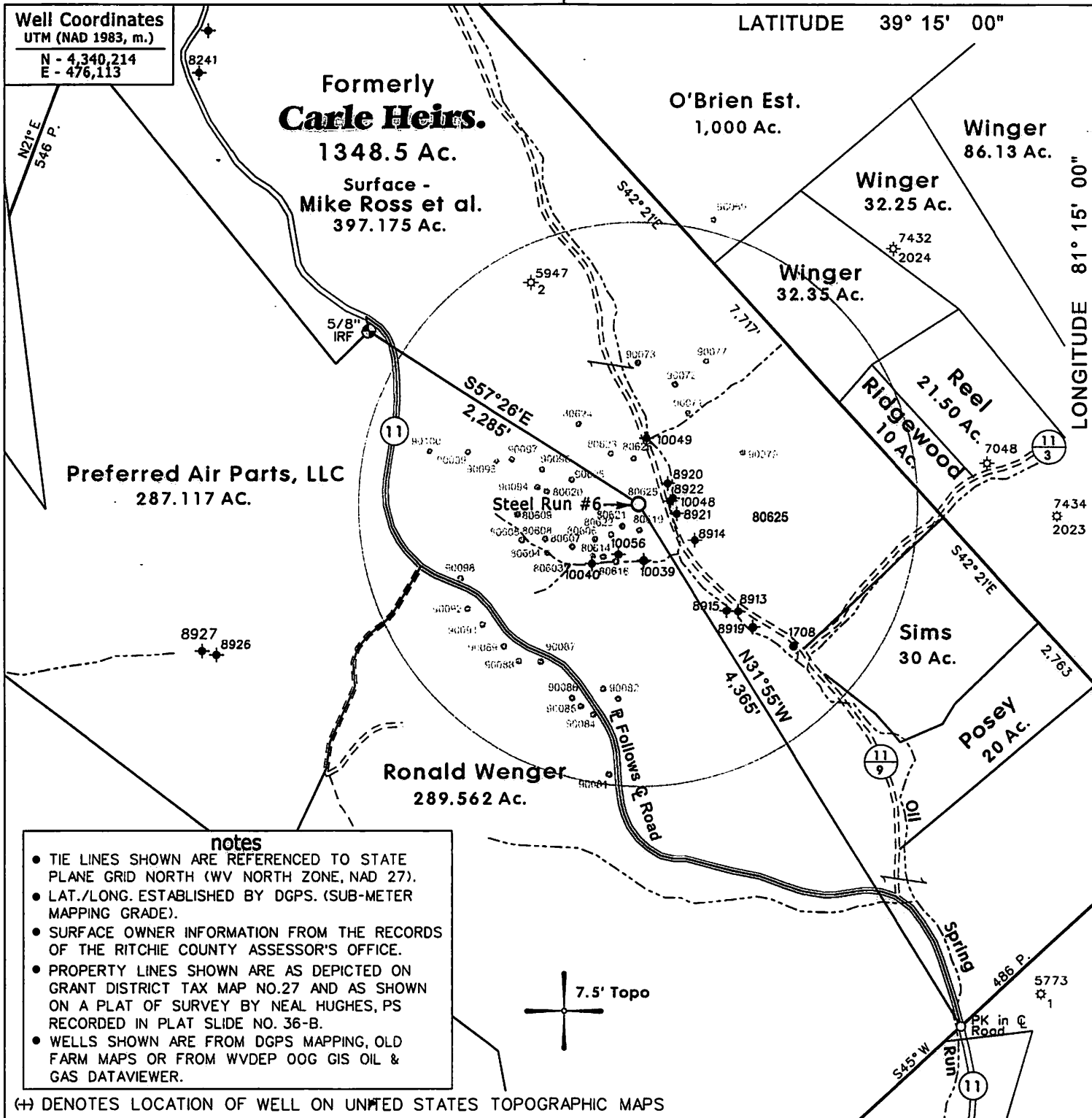
SCALE 1"=1000 07/17/2015

Longitude - 81°16'36.66"

7,605'

Well Coordinates
UTM (NAD 1983, m.)
N - 4,340,214
E - 476,113

LATITUDE 39° 15' 00"



LONGITUDE 81° 15' 00"

14,280'

Latitude - 39°12'38.87"

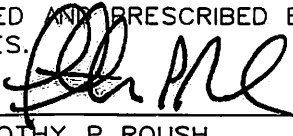
notes

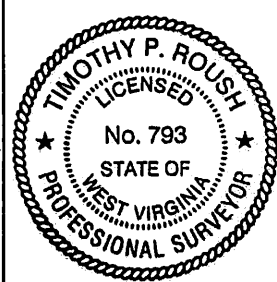
- TIE LINES SHOWN ARE REFERENCED TO STATE PLANE GRID NORTH (WV NORTH ZONE, NAD 27).
- LAT./LONG. ESTABLISHED BY DGPS. (SUB-METER MAPPING GRADE).
- SURFACE OWNER INFORMATION FROM THE RECORDS OF THE RITCHIE COUNTY ASSESSOR'S OFFICE.
- PROPERTY LINES SHOWN ARE AS DEPICTED ON GRANT DISTRICT TAX MAP NO.27 AND AS SHOWN ON A PLAT OF SURVEY BY NEAL HUGHES, PS RECORDED IN PLAT SLIDE NO. 36-B.
- WELLS SHOWN ARE FROM DGPS MAPPING, OLD FARM MAPS OR FROM WVDEP OOG GIS OIL & GAS DATAVIEWER.

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

FILE NO. _____
 DRAWING NO. 8
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION DGPS (Sub-Meter Mapping Grade)

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) 
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 1356 Hansford St.
 Charleston, West Virginia 25301



DATE July 3, 2015
 FARM Steel Run No.6
 API WELL NO. 47 - 085 - 10223 P
 (Formerly 80625)

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 861' WATERSHED Oil Spring Run
 DISTRICT Grant COUNTY Ritchie
 QUADRANGLE Petroleum 7.5'

SURFACE OWNER Mike Ross et al. ACREAGE 397.175 Ac.
 OIL & GAS ROYALTY OWNER Mike Ross et al. LEASE ACREAGE 397.175 Ac. 07/17/2015
 LEASE NO. _____

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

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION Unknown ESTIMATED DEPTH Unknown
 WELL OPERATOR Unknown DESIGNATED AGENT James Martin
 ADDRESS 601 57th Street ADDRESS 601 57th Street
Charleston, WV 25301 Charleston, WV 25301

FORM IV-6