



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

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

Wednesday, August 03, 2016
WELL WORK PERMIT
Vertical / Plugging - 3

HG ENERGY, LLC
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit approval for 6
47-087-03079-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: 6
Farm Name: KINCAID, S. B.
U.S. WELL NUMBER: 47-087-03079-00-00
Vertical / Plugging - 3
Date Issued: 8/3/2016

Promoting a healthy environment.

08/05/2016

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.

8703079P

WW-4B
Rev. 2/01

1) Date June 2, 2016
2) Operator's
Well No. S B Kincaid 6
3) API Well No. 47-087 - 3079

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 X or Underground storage ___) Deep ___/ Shallow X
- 5) Location: Elevation 1114' Watershed Edgell Fork
District Smithfield County Roane Quadrangle Looneyville 7.5'
- 6) Well Operator HG Energy, LLC 7) Designated Agent Diane White
Address 5260 Dupont Road Address 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Joe Taylor Name To Be Determined Upon Approval of Permit
Address 1478 Claylick Road Address _____
Ripley, WV 25271

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

** See Attached Sheet **

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

Work order approved by inspector 

RECEIVED
Office of Oil and Gas
Date 6/22/16 2016

WV Department of
Environmental Protection
08/05/2016

8703079A

WW-4B - Conti
Rev. 2/01

1) Date: June 2, 2016
2) Operator's Well Number
S B Kincaid 6
3) API Well No: 47 - 087 - 3079
State County Permit

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 x Underground Storage _____) Deep _____ Shallow x

5) LOCATION: Elevation: 1114' Watershed: Edgell Fork
District: Smithfield County: Roane Quadrangle Looneyville 7.5'

6) WELL OPERATOR: HG Energy, LLC 494497948 7) DESIGNATED AGENT Diane White
Address 5260 Dupont Road Address 5260 Dupont Road
 Parkersburg, WV 26101 Parkersburg, WV 26101

8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) PLUGGING CONTRACTOR
Name Joe Taylor Name To Be Determined Upon Approval of Permit
Address 1478 Claylick Road Address _____
 Ripley, WV 25271 _____

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

TD- 2,180'

Manners of plugging:

SPOT GEL PERFORATE 5 1/2 (2050' -> 1950')
Plug #1 - ~~2050' - 1950'~~ 2150' - 1950'

Located above highest perforation

Free-point, part and pull all possible 6 5/8" casing

Plug # 2 - 1550' - 1400'

Located at 5 1/2" casing stub, if 6 5/8" casing is present, perforate for plug placement

Plug #3 - 1150' - 1050'

Located at elevation, anticipated 6 5/8" casing stub

Plug #4 - 300' - 0'

Located at freshwater, surface

Recover all possible casing. If casing can not be recovered, perforate for plug placement.

Monument -

6" minimum diameter metal pipe

30" above surface

10' in well below surface

Sealed with cement

API identification (1/2") height numbering

6% Gel between all plugs

RECEIVED
Office of Oil and Gas
JUN 28 2016
WV Department of
Environmental Protection
08/05/2016

Well: S.B. Kincaid #6
 API: 47-087-03079

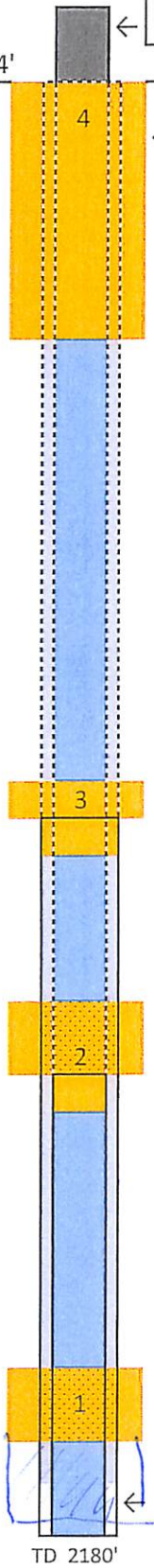
Monument min. 6" dia. metal pipe, 30" above surface, 10' in well below surface, sealed with cement, API id.

Elevation 1114'

Casing Information		
Size	Depth	Weight
6 5/8"	2010'	#/ft.
5 1/2"	2073'	#/ft.

Freepoint Cut and Pull Casing	
Size	Approx. Depth
5 1/2"	1500'
6 5/8"	1100'

Cement Plugs		
NO.	Bottom	Top
1	2050 2150	1950
2	1550	1400
3	1150	1050
4	300	0



Note: 6% gel between all plugs

Perforation 2108'

[Handwritten signature]
 C-22-16

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
7-20-71 2183' T.D. -- Rig up workover unit

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
7-21-71 2183' T.D. -- Ran Gamma Ray-Caliper logs -- C.O. in shot hole

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
7-24 thru 26 2183' T.D. -- Shut down

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
7-27-71 2183' T.D. -- running 2-7/8" tubing

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
7-28-71 2183' T.D. -- Finished running 2-7/8" tubing -- pumping frac water

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
7-29-71 2183' T.D. -- Fraced via 2-7/8" tubing and Lynes packer set @2116' w/690 bbls.
treated water and 24,000# 20/40 Sand. Max. TP 1900#; Min. TP 1500#;
Avg. TP 1800#; Avg. TR 27 BPM; ISIP 600#; 5 min. SIP 400#; 10 min.
SIP on vacuum.

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
7-30-71 2183' T.D. -- Unable to get Lynes Packer to release -- ran tubing
Perf. gum - perf. packer mandrel @2108' -- released packer.
Pulling 2-7/8" tubing

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
7-31-71 2183' T.D. -- Finished pulling 2-7/8" tubing and packer
8-1-71 2183' T.D. -- CO frac sand
8-2-71 2183' T.D. -- Shut down

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
8-3-71 2183' T.D. -- Moving off WO rig -- setting pumping unit

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
8-4-71 2183' T.D. -- installing electric lines

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
8-5-71 2183' T.D. -- shut down due to rains

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
8-6-71 2183' T.D. -- setting pumping unit

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
8/7-8-9 2183' T.D. -- Shut down

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
8-11-71 2183' T.D. -- started pumping @3:00 p.m. 8/10/71

(OWFrac) Roane Co., W. Va., Clover Area - PZL - S. B. Kincaid No. 6 (100%)
8-13-71 2183' T.D. -- 12 30 - G BW - 30 Mcf Gas - Pumped 5 hrs. Will drop from
Drilling Report and pick up on Production Report. FINAL REPORT

REPORT OF FRACTURE TREATMENT

New Well _____ Old Well X Elevation _____
 Farm: S.B. Kincaid Well Number: 6 Pool: 40
 District: Smithfield County: Roane State: W. Va.
 Producing Formation: Big Injun Depth: From 2129 to 2180
 Date Completed: 10-27-11 Pays: Oil From 2167 to 2180
 Original Total Depth: 2184 From _____ to _____
 Present Total Depth: 2180 Gas From _____ to _____
 From _____ to _____

<u>Production</u>	<u>Initial</u>	<u>Present</u>	<u>After Fracture</u>
Oil	_____	_____	<u>15 bbls./d.</u>
Gas	_____	_____	<u>40 MCF/d.</u>
Rock Pressure	_____	_____	_____

5 1/2" Casing set @ 2073 Gr. _____ Wt. _____ Cemented _____ Co. _____

Tubing size _____ Depth _____ Packer _____ Anchor _____

Frac String 2-7/8" Type Completion Open Hole

Logged by: Basin Surveys, Inc. Date 7-20-71 Cost _____

Logs Used: Dennsity

Interpretations:

Perforated by: _____ Date _____ Cost _____

Perforations:

Treatment Data

<u>Fluid</u>	<u>Sand</u>	<u>Acid</u>	<u>Plugging Agent</u>	<u>Gel</u>	<u>Date Fractured 7-28-71</u>		
					<u>Fluid Loss</u>	<u>Foamer</u>	<u>Non-Emulsifit</u>
Type <u>Water</u>	<u>20-40</u>	_____	_____	<u>J-209</u>	_____	_____	<u>Freflo -C</u>
Amount <u>690 bbls.</u>	<u>24,000#</u>	_____	_____	<u>500#</u>	_____	_____	<u>20 gals.</u>

Breakdown Pressure: 1800 Treating Pressure: Max. 1900 Min. 1500

Sand Concentration: 1/4 to 1 1/2 Injection Rate 28 BPM

EQUIPMENT USED

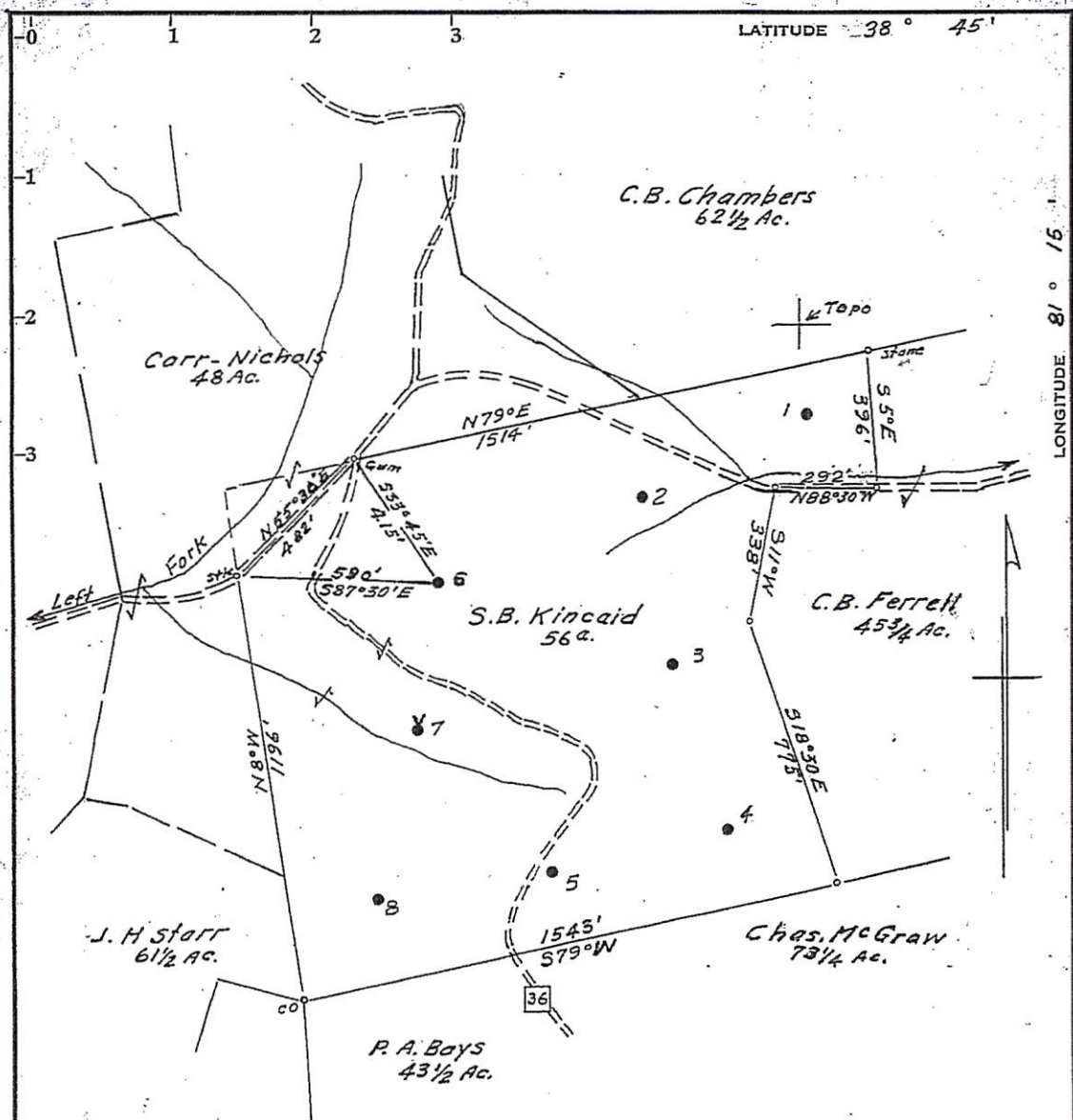
Service Company Dowell Cost _____ Hydraulic Horsepower _____

Engineering Dept.

By: Jamal Awwad

Date: 7-28-71

08/05/2016



Surface:
Richard Fisher
Clover, W. Va.

Minimum Error of Closure 1' in 200'
Source of Elevation Pennzoil United, Inc. records

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: *A.C. Hilbert*
Map No. 62 Squares: N S 50 E W 38

Company	PENNZOIL UNITED, INC.		
Address	P. O. Box 1588, Parkersburg, W. Va.		
Farm	S. B. Kincaid		
Tract	Acres	56	Lease No. 74939
Well (Farm) No.	6	Serial No.	
Elevation (Spirit Level)	1114.00' Fl.		
Quadrangle	Walton		
County	Roane	District	Smithfield
Engineer	<i>A.C. Hilbert</i>		
Engineer's Registration No.	2534		
File No.	1476	Drawing No.	
Date	July 16, 1971 Scale 1" = 400'		

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

WELL LOCATION MAP

FILE NO. _____

+ 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.

CAL

Production } Big Injum Sand Bbls. Approved.
 First 24 Hours from } Sand Bbls. 4y Supt.

S. B. Kincaid Farm, No. of Lease No. Acres
 Smithfield District Reane County West Virginia State.
 Well No. Six Date of Location 19
 Rig Commenced 19 Contractor.
 Rig Completed 19 Contractor.
 Drilling Commenced 19 Contractor.
 Drilling Completed October 27th, 19 11 Contractor.

CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
10	210		210		210		210							
8 1/2	1000		1000		1000		1000							
6-5/8	2010		2010		2010				2010					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD										
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Bottom of Shot				
Dunkard Sand	997	1105												
Salt Sand	1690	1770		10	27	11	30							
Pencil Cave	2000	2010												
Big Lime	2010	2129												
Big Injum Sand	2129	2180	1066											
Big Injum Sand Oil	2167	2180												
				REMARKS:										
				Water at 1740										
				Water at 2050'										
				Small Show Gas at 2156'										
				ABANDONED										
				REMARKS:										
				EI=1114.60										
Total Depth,				2183										

WW-4A
Revised 6-07

1) Date: June 2, 2016
2) Operator's Well Number
S B Kincaid 6

3) API Well No.: 47 - 087 - 3079

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

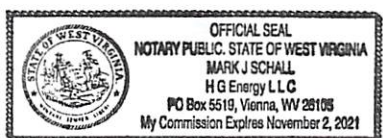
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>John R. McClain</u>	Name <u>NA</u>
Address <u>4161 Clay Road</u> <u>Spencer, WV 25276</u>	Address _____
(b) Name <u>Ed Asbury - Reva Snodgrass Estate</u>	(b) Coal Owner(s) with Declaration
Address <u>5345 Laguna Vista Drive</u> <u>Melbourne, FL 32934</u>	Name <u>NA</u>
(c) Name _____	Address _____
Address _____	Name _____
Address _____	Address _____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Road</u>	Name <u>NA</u>
<u>Ripley, WV 25271</u>	Address _____
Telephone <u>304-380-7469</u>	Address _____

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 HG Energy, LLC
 By: Diane White
 Its: Agent
 Address 5260 Dupont Road
Parkersburg, WV 26101
 Telephone 304-420-1119

Subscribed and sworn before me this 2nd day of June 2016
[Signature] Notary Public
 My Commission Expires Nov. 2, 2021

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.

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 Office of Oil and Gas
 WV Department of
 Environmental Protection
 08/05/2016

8703079P

WW-9
(5/16)

API Number 47 - 087 - 3079
Operator's Well No. S B Kincaid 6

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

Operator Name HG Energy, LLC OP Code 494497948

Watershed (HUC 10) Edgell Fork Quadrangle Looneyville 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

ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS AND DISPOSED OF OFF SITE.

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 fluids will be hauled for off site disposal at an authorized site to be determined at the time the well is plugged)

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

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

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

Additives to be used in drilling medium? NA

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

-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 Diane White

Company Official (Typed Name) Diane White

Company Official Title Agent

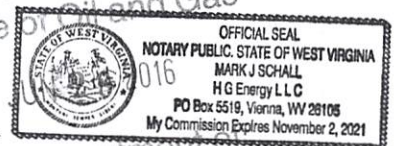
Subscribed and sworn before me this 2nd day of June, 2016

Mark J Schall

Notary Public

My commission expires Nov. 2, 2021

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Office of Oil and Gas



WV Department of Environmental Protection
08/05/2016

Proposed Revegetation Treatment: Acres Disturbed 0.6 acres Prevegetation pH _____

Lime _____ 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10/20/20

Fertilizer amount _____ 500 lbs/acre

Mulch Straw _____ 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	<u>40</u>	Tall Fescue	<u>40</u>
Ladino Clover	<u>5</u>	Ladino Clover	<u>5</u>

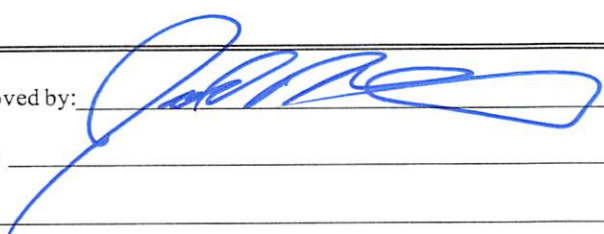
**** Sediment Control Will Be In Place At All Times ****

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: _____



Comments: _____

Title: OOG Inspector

Date: 06/02/2016

Field Reviewed? () Yes () No

6-22-16
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 Office of Oil and Gas
 JUN 28 2016
 WV Department of
 Environmental Protection
08/05/2016

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

Operator Name: HG Energy, LLC
Watershed (HUC 10): Edgell Fork Quad: Grant Town 7.5'
Farm Name: S B Kincaid

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

NA

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

NA

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

NA

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

NA

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

NA

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

NA

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.

NA

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

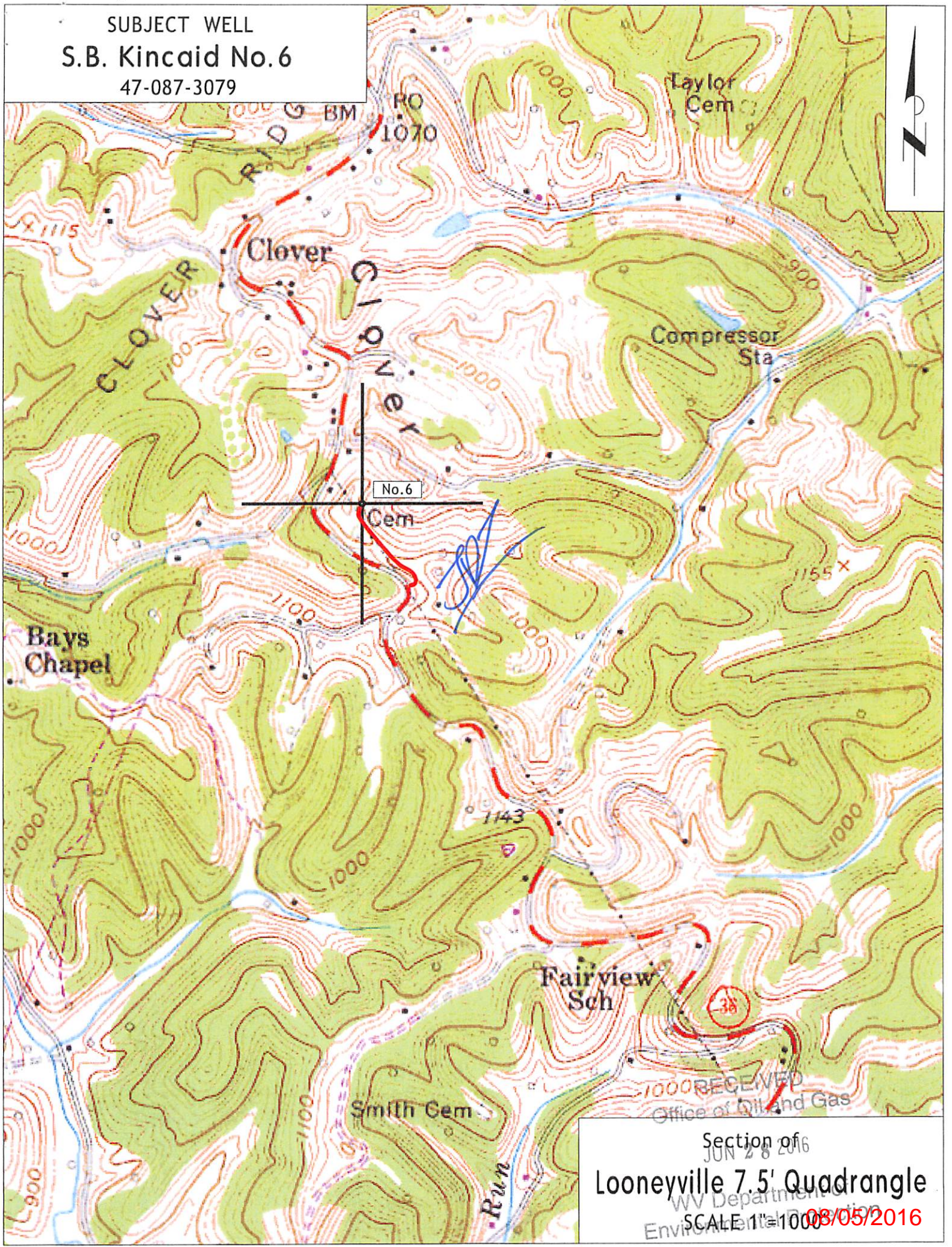
NA

Signature: Diane White

Date: 06/02/2016

RECEIVED
Office of Oil and Gas
JUN 28 2016
WV Department of
Environmental Protection
06/05/2016

SUBJECT WELL
S.B. Kincaid No.6
47-087-3079



Section of
JUN 28 2016
Looneyville 7.5' Quadrangle
WV Department of
Environmental Protection
SCALE 1"=1000' 08/05/2016

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

API: 47- 087 - 3079 WELL NO: 6

FARM NAME: S.B. Kincaid No.6

RESPONSIBLE PARTY NAME: H.G. Energy, LLC

COUNTY: Roane DISTRICT: Smithfield

QUADRANGLE: Looneyville 7.5'

SURFACE OWNER: John R. McClain

ROYALTY OWNER: H.G. Energy, LLC

UTM GPS NORTHING: 4,285,493 (NAD 83)

UTM GPS EASTING: 475,175 (NAD 83) GPS ELEVATION: 338 m. - 1119

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & 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	<input type="checkbox"/>	Post Processed Differential	<input type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>
Mapping Grade GPS	<input checked="" type="checkbox"/>	Post Processed Differential	<input checked="" type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>

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.

Diane White Diane C. White
Signature

Designated Agent
Title

May 26, 2016
Date