



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

October 28, 2014

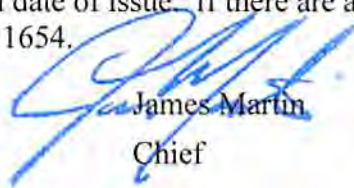
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8501171, issued to JAY-BEE OIL & GAS, 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: 5
Farm Name: RINEHARD, H. N.
API Well Number: 47-8501171
Permit Type: Plugging
Date Issued: 10/28/2014

Promoting a healthy environment.

10/31/2014

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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

8501171P

WW-4B
Rev. 2/01

1) Date _____, 20____
2) Operator's _____
Well No. Rinehart 5
3) API Well No. 47-085 - 01171

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 _____ / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production _____ or Underground storage _____) Deep _____ / Shallow X

5) Location: Elevation 876' Watershed Sheep Run
District Grant County Ritchie Quadrangle Cairo 7.5'

6) Well Operator Jay-Bee Oil & Gas, Inc 7) Designated Agent _____
Address 3570 Shields Hill Rd Address _____
Cairo, WV 26337

8) Oil and Gas Inspector to be notified Name David Cowan 9) Plugging Contractor Name Patchwork Oil & Gas, LLC
Address 1597 Devil Hole Road Address 8165 Elizabeth Pike
Harrisville, WV 26362-7543 Elizabeth, WV 26143

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

Pull Inner Casing Strings as Required:

*JMM
10/27/14*

~~1654'-1634' 6% Gel, 1634'-1530' Cement~~
~~1530'-978' 6% Gel, 978'-878' Cement~~
~~878'-200' 6% Gel, 200'-0' Cement~~

- GEL HOSE TO 1100'
- SET PLUG 1 FROM 1640' - 1540' (GAS)
- SET PLUG 2 FROM 1274' - 1174' (GAS)
- TRY TO PULL 6 5/8" GEL HOLE TO SURFACE.
- SET PLUG 3 FROM 978' - 878' (SW)
- SET PLUG 4 FROM 416' - 316'
- SET PLUG 5 FROM 200' - SURFACE.

(All plugs will be a minimum of 100' Class A Cement, with no more than 3% CaCL and no other additives)

Monument 3' above ground with a welded API

6% GEL BETWEEN ALL PLUGS.

RECEIVED
Office of Oil and Gas
WV Department of
Environmental Protection
SEP 15 2014

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

Work order approved by inspector David W Cowan Date 9-12-14

10/31/2014

Provided BY ODEG.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E I L R E C O R D

85-01171A

Permit No. Rit 1171
Harrisville Quad.
Company
Address
Farm
Location
Well No.
District
Surface
Mineral
Commenced
Completed
Date shot

H.N. Rinchart
Cairo, W.Va.
Same Acres 75
Shoop Run
5. Elev. 881.1
Grant Ritchie County
H.N. Rinchart, Cairo, W.Va.
Same
May 8, 1947
June 14, 1947
6-24-47 Depth 1647 to 1656
with 40 qts. glycerine
2 bbls. 1st 24 hrs.
45' 3 blrs. in 12 hrs.
990' 2 blrs. per hr.

Gas Well
CASING & TUBING

8 1/2 416 Pld.
6 5/8 1109 loft in

Oil
Fresh water
Salt Water

Sand Wh	H	635	650	
Pink Rock	S	845	870	
Sand Big Dunkard	H	870	880	
Sand Wh	S	978	994	
Sand Wh	H	1238	1255	
Sand Wh	H	1274	1295	Show gas 1280
Sand Wh	H	1326	1425	
Mason Wh	S	1618	1660	Oil 1647-1656
Total Depth			1664	

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
Rinehart 5

3) API Well No.: 47 - 085 - 01171

**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>Kenneth & Melissa McPherson</u>	Name <u>N/A</u>
Address <u>43 Forsythia Ave</u> ✓	Address _____
<u>Davisville, WV 26142</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name <u>N/A</u>
Address _____	Address _____
_____	_____
6) Inspector <u>David Cowan</u>	(c) Coal Lessee with Declaration
Address <u>1597 Devil Hole Road</u>	Name <u>N/A</u>
<u>Harrisville WV 26362-7543</u>	Address _____
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 Jay-Bee Oil & Gas, Inc
 By: Shane Dowell _____
 Its: Office Manager _____
 Address 3570 Shields Hill Rd _____
Cairo, WV 26337 _____
 Telephone 304-628-3111 _____

Subscribed and sworn before me this 9th day of September
Theresa K. Ritter Notary Public
 My Commission Expires May 12, 2033

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 depprivacyofficer@wv.gov.

850171A

7013 2250 0001 1757 7280 ETD

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	\$ 1.11
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$



Sent To Kenneth & Melissa McPherson
 Street, Apt. No.,
 or PO Box No. 43 Forsythia Ave
 City, State, ZIP+4 Davisville WV 26042

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED
 Office of Oil and Gas
 SEP 15 2014
 WV Department of
 Environmental Protection

10/31/2014

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

CK44325
400.00

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Jay-Bee Oil & Gas, Inc OP Code 24610

Watershed Sheep Run Quadrangle Cairo 7.5'

Elevation 876' County Ritchie District Grant

Description of anticipated Pit Waste: Formation Fluids

Will a synthetic liner be used in the pit? Yes 20ML

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number 47-085-09721)
- 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 August 1, 2005, 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 [Signature]

Company Official (Typed Name) Shane Dowell

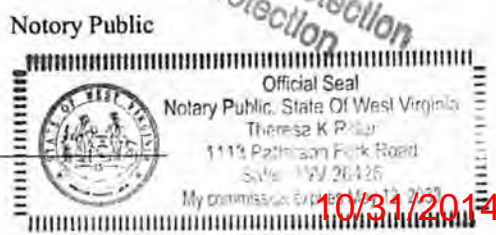
Company Official Title Office Manager

Subscribed and sworn before me this 9th day of September, 2014

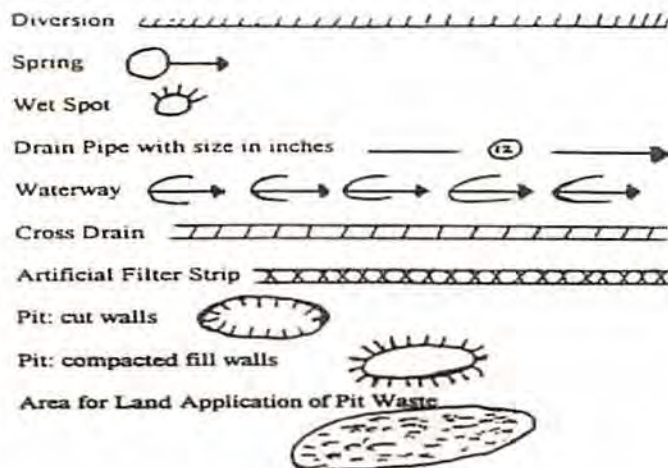
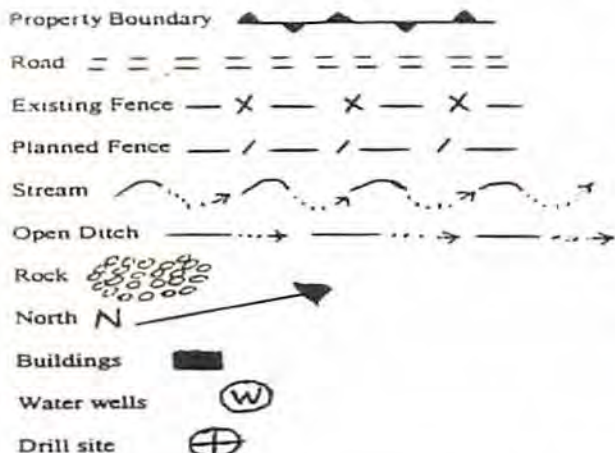
Sheusa K. Ritter

My commission expires May 12, 2033

RECEIVED
Office of Oil and Gas
Department of Environmental Protection
Project # 47-085-09721
Notary Public
Theresa K. Ritter
1113 Pathman Fork Road
State: WV 26426
My commission expires 10/31/2014



LEGEND



Proposed Revegetation Treatment: Acres Disturbed < 1 Prevegetation pH 6.0

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 lbs/acre (500 lbs minimum)

Mulch hay / 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
KY-31		40			
Alsike Clover		5			
Annual Rye Grass		15			
Orchard Grass		15			

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 M. Cavan

Comments: redrain seed & mulch

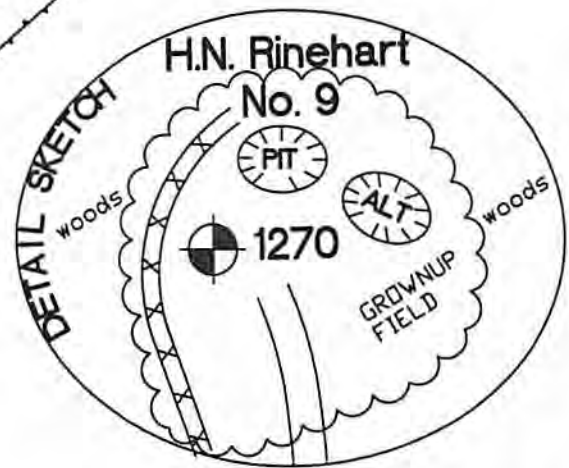
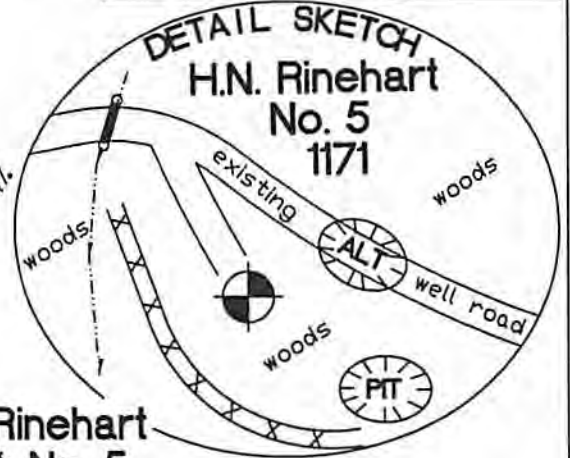
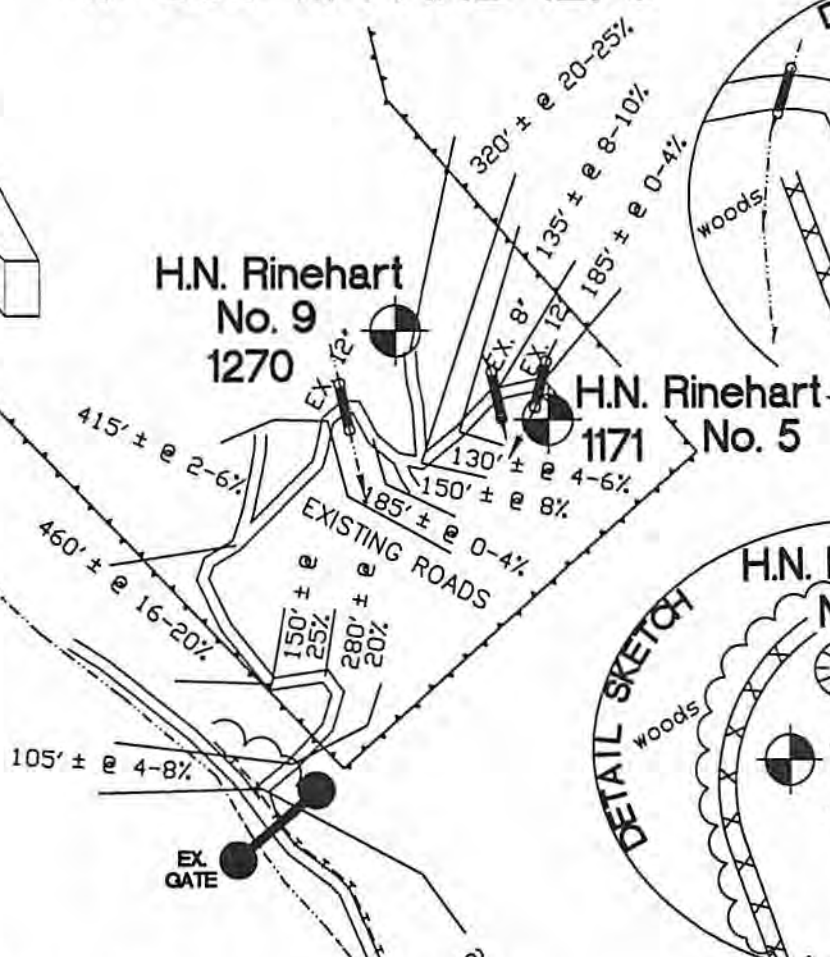
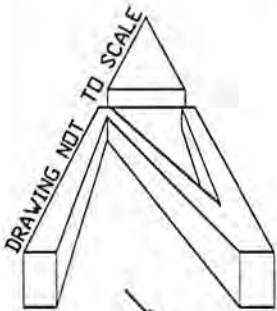
Title: oil & gas inspector

Date: 9-12-14

Field Reviewed? Yes No

WV Department of Environmental Protection
 Office of Oil and Gas
 RECEIVED
 SEP 15 2014

H.N. RINEHART 5 AND 9 47-085-1171 AND 1270



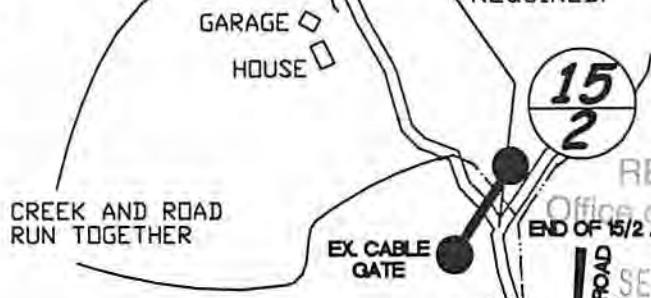
REFERENCE IS HEREBY MADE TO THE WV D.E.P. OFFICE OF OIL & GAS, 'EROSION AND SEDIMENT CONTROL FIELD MANUAL' FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.

UTILITIES ARE APPROXIMATE, EXACT LOCATION TO BE VERIFIED PRIOR TO CONSTRUCTION

ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED.

ANGLE RIGHT
LAND SURVEYING, LLC.
P.O. BOX 881
GRANTSVILLE, WV 26147
(304) 354-0065 (304) 354-9464
angleright@frontier.net

08/27/14
140611



RECEIVED
Office of Oil and Gas

SEP 15 2014

Department of Environmental Protection

0.60 MILES TO CARO ROAD
COUNTY ROUTE 15

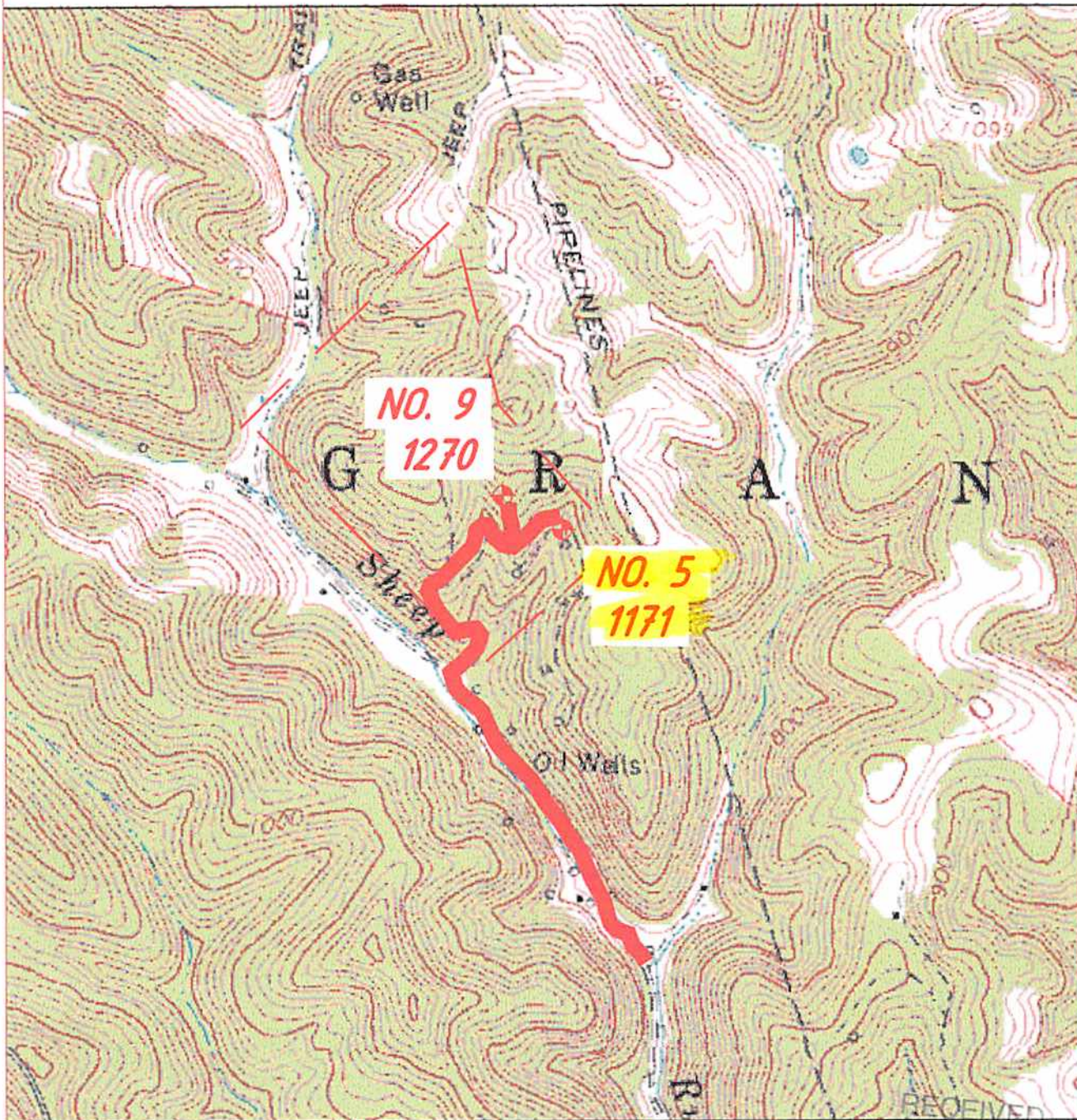
me

10/31/2014

WV9

H. N. RINEHART LEASE WELLS 5 AND 9 API NOS. 1171, 1270

PAGE OF



ANGLE RIGHT LAND SURVEYING, LLC PO BOX 681 GRANTSVILLE, WV 26147 (304) 354-0065 140611	OPERATOR JAY-BEE PRODUCTION CO. 1720 RT. 22 EAST EAST UNION, NJ 07083	TOPO SECTION CAIRO 7.5'	Office of Oil and Gas WELL NAME H.N. RINEHART WELLS 5 AND 9
	SCALE 1"=1000'	DATE 08/27/2014	

RECEIVED
 WV Department of
 Environmental Protection
Dave
 9-12-14

10/31/2014

NAD83 LONG.: 81° 11' 31.5"
DECIMAL: 81.192090

7,245'

LATITUDE 39° 12' 30"

H. N. RINEHART LEASE 75 ACRES ± WELL NO. 5 47-085-01171

LONGITUDE 81° 10' 00"

7,480'

NAD83 LAT. 39° 11' 16.4"
LAT: 39.18789

Heartwood
Forestland Fund
IV LP
90 Acres±
Surface

Vincent
65 Acres±
Surface

McPherson
169 Acres±
Surface

EXISTING WELL
UTM NAD 83 ZONE 17
COORDINATES
N) 4,337,645.0 M
E) 483,410.7 M

McPherson
67 Acres±
Surface

Graoh
15 Acres±
Surface

H. N. Rinehart
NO. 5

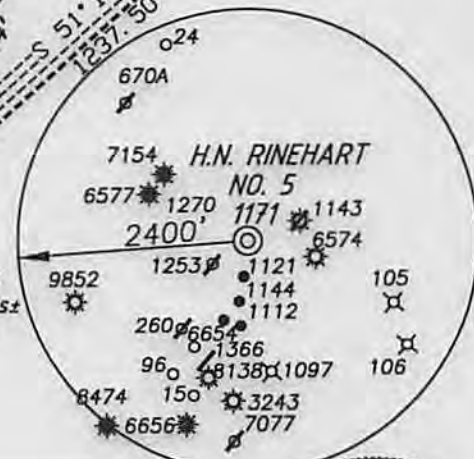
REFERENCE NOTES

LEASE AS SHOWN TAKEN
PLAT FOR 7154 AS PREPARED
BY GREG SMITH DATED 9/21/1983.
OWNERSHIP TAKEN FROM PUBLIC
RECORDS OF RITCHIE COUNTY,
WV IN AUGUST 2014.

LAT./LONG. BY DIFFERENTIAL
SUBMETER MAPPING GRADE GPS

5/8 Rebar
fnd.

Hendricks
132.75 Acres±
Surface



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

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 ENVIRONMENTAL PROTECTION

FILE NUMBER	140611
DRAWING NUMBER	WP5PLUG(W19-8)
SCALE	1"=400'
MINIMUM DEGREE OF ACCURACY	1/200
PROVEN SOURCE OF ELEVATION	SUBMETER MAPPING GRADE GPS.

P.S.
1006

Terry A. Shreve



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

DATE: AUGUST 27, 2014
OPERATORS WELL NO. H. N. RINEHART NO. 5
API WELL NO. 47-085 01171 P
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF 'GAS') PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___

LOCATION ELEVATION 876' WATERSHED SHEEP RUN
DISTRICT GRANT COUNTY RITCHIE
QUADRANGLE CAIRO 7.5' LEASE NUMBER

SURFACE OWNER KENNETH L. AND MELISSA A. McPHERSON ACREAGE ASSESSED 169±
OIL & GAS ROYALTY OWNER H. N. RINEHART HEIRS & ASSIGNS LEASE ACREAGE 75±

10/31/2014

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) PLUG & ABANDON

TARGET FORMATION MAXON ESTIMATED DEPTH 1,664'

WELL OPERATOR JAY-BEE PRODUCTION CO. DESIGNATED AGENT RANDY BRODA

ADDRESS 1720 ROUTE 22 EAST UNION, NJ 07083 ADDRESS RT.1 BOX 5 CAIRO, WV 26337

COUNTY NAME PERMIT

A.R.L.S.