



**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

May 15, 2014

**WELL WORK PERMIT**

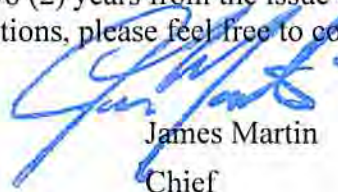
**Vertical Well**

This permit, API Well Number: 47-2105771, issued to HILDRETH, ROY G & SON INC, 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.



James Martin  
Chief

Operator's Well No: F.W. BELL #13  
Farm Name: CHAPMAN, LARRY B.  
**API Well Number: 47-2105771**  
**Permit Type: Vertical Well**  
Date Issued: 05/15/2014

# 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

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1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR § 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR § 4-19.1.c, if the operator is unable to sample and analyze any water well or spring within one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. 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.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
7. Well work activities shall not constitute a hazard to the safety of persons.

WW - 2B  
(Rev. 8/10)

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

1) Well Operator: Roy G. Hildreth & Son, Inc. 21 2 372  
Operator ID: 307492 County: Gilmer District: DeKalb Quadrangle: Glenville

2) Operator's Well Number: F W Bell #13 3) Elevation: 990

4) Well Type: (a) Oil  or Gas   
(b) If Gas: Production  / Underground Storage \_\_\_\_\_  
Deep \_\_\_\_\_ / Shallow

5) Proposed Target Formation(s): Wier Proposed Target Depth: 2060  
6) Proposed Total Depth: 2300 Feet Formation at Proposed Total Depth: Wier  
7) Approximate fresh water strata depths: 100'  
8) Approximate salt water depths: 1580'

9) Approximate coal seam depths: None Reported

10) Approximate void depths,(coal, Karst, other): None Known

11) Does land contain coal seams tributary to active mine? No

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)  
Drill new well to wier. Stimulate with salt sand, maxon, injun & wier with foam/sand, x-link gel sand

13) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	
Conductor	9 5/8	LS	32#	30	Pulled	
Fresh Water	7"	LS	17#	300'	300'	CTS + 30%EXCESS 95 cu'
Coal				<i>Bugs O'Hara</i>		4-10-14
Intermediate						
Production	4 1/2	J-55	11.6#	2100'	2100'	110 CU' ABOVE SALT SAND
Tubing						RECEIVED Office of Oil and Gas
Liners						APR 9 5 2014

Packers: Kind: \_\_\_\_\_  
Sizes: \_\_\_\_\_  
Depths Set \_\_\_\_\_

WV Department of  
Environmental Protection

2105731  
31766  
~~2600~~  
650

WW-2A  
(Rev. 6-07)

1.) Date: APRIL 3, 2014  
2.) Operator's Well Number F.W. Bell #13  
State County Permit  
3.) API Well No.: 47- 021 -

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name Larry B. Chapman  
Address PO BOX 357  
GLENNVILLE, WV 26351  
(b) Name  
Address  
(c) Name  
Address  
5) (a) Coal Operator  
Name  
Address  
(b) Coal Owner(s) with Declaration  
Name  
Address  
(c) Coal Lessee with Declaration  
Name  
Address  
6) Inspector BRYAN HARRIS  
Address P O BOX 157  
VOLGA, WV 26238  
Telephone 304-553-6087

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas  
OR

Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

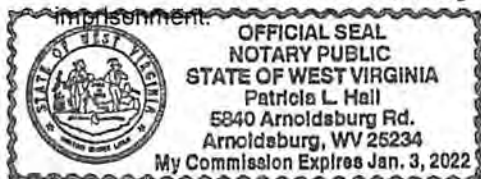
I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through      on the above named parties by:

- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.



Well Operator Roy G. Hildreth & Son, Inc.  
By: Roy G. Hildreth  
Its: ROY G. HILDRETH, PRESIDENT  
Address Po Box 1007  
Spencer, WV 25276  
Telephone 304-927-2130

Subscribed and sworn before me this 3RD day of APRIL, 2014

Patricia L. Hall  
My Commission Expires January 3, 2022  
Notary Public  
RECEIVED  
Office of Oil and Gas  
APR 25 2014

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](mailto:depprivacyofficer@wv.gov)

05/16/2014

2105771

7006 0100 0004 7861 3209

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

For delivery information visit our web site at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$	APD
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	6.98

Sent To **LARRY S. CHAPMAN**

PO Box 357

Street, Apt. No., or PO Box No. **Glenville, WV 26351**

City, State, ZIP+4

PS Form 3800, June 2002 See Reverse for Instructions



05/16/2014

WW-2A1  
(Rev. 1/11)

Operator's Well Number F.W. Bell #13

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6, Section 8(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Orton Jones, Spec Comm KIMCO	Kimco ROY G. HILDRETH AND SON, INC.	100% WI 1/8 RI Pd. AGREEMENT TO OPERATE	309/84 ATTACHED

RECEIVED  
Office of Oil and Gas

MAY 12 2014

WV Department of  
Environmental Protection

**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator


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Office of Oil and Gas

MAY 15 2014

WV Department of  
Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:  
By: Its:

Roy G. Hildreth & Son, Inc. 

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PRESIDENT

AGREEMENT

THIS AGREEMENT made this 2nd day of January, 2012, by and between KIMCO, a partnership, consisting of Karen Gregg, Melinda H. Sampson, and Jon R. Hildreth, as Lessor and Roy G. Hildreth & Son, Inc., a West Virginia Corporation, as Lessee, in which the KIMCO hereby states that they are giving Roy G. Hildreth & Son, Inc. right to drill and operate on their said F. W. Bull Lease, 200 Acres, on the waters of Leading Creek, Dekalb District, Gilmer County, West Virginia.

WITNESS the following signatures and seals:

KIMCO

By: Jon R. Hildreth  
Jon R. Hildreth, Partner

Roy G. Hildreth and Son, Inc.

By: Roy G. Hildreth  
Roy G. Hildreth, President

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APR 25 2013

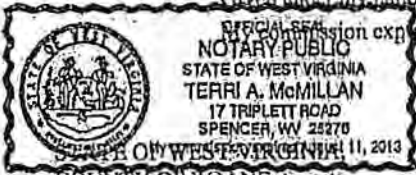
WV Department of  
Environmental Protection

STATE OF WEST VIRGINIA,  
COUNTY OF ROANE, to-wit:

I, TERRI A. Mc MILLAN, a notary public within and for said county and state aforesaid, do hereby certify that Jon R. Hildreth, whose name is signed to the foregoing writing, bearing the 2nd day of January, 2012, on behalf of KIMCO, as its Partner has this day, in my said county, before me, acknowledged said writing.

Given under my hand this 2<sup>nd</sup> day of January, 2012.

My commission expires: August 11, 2013



TERRI A. McMillan  
NOTARY PUBLIC

COUNTY OF ROANE, to-wit:

I, TERRI A. Mc MILLAN, a notary public within and for said county and state aforesaid, do hereby certify that Roy G. Hildreth, whose name is signed to the foregoing writing, bearing the 2nd day of January, 2012, on behalf of Roy G. Hildreth and Son, Inc., as its President has this day, in my said county, before me, acknowledged said writing to be the act and deed of said corporation.

Given under my hand this 2<sup>nd</sup> day of January 2, 2012.

My commission expires: August 11, 2013



TERRI A. McMillan  
NOTARY PUBLIC

RECEIVED  
Office of Oil and Gas

RECEIVED  
Office of Oil and Gas

MAY 15 2014

MAY 12 2014

WV Department of  
Environmental Protection

WV Department of  
Environmental Protection

WW-2B1  
(5-12)

Well No. F.W. Bell #13

West Virginia Department of Environmental Protection  
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contractor chosen to collect sample.

Certified Laboratory Name REIC Laboratory Po Box 286, Beaver, WV 25813  
Sampling Contractor Roy G. Hildreth & Son, Inc.

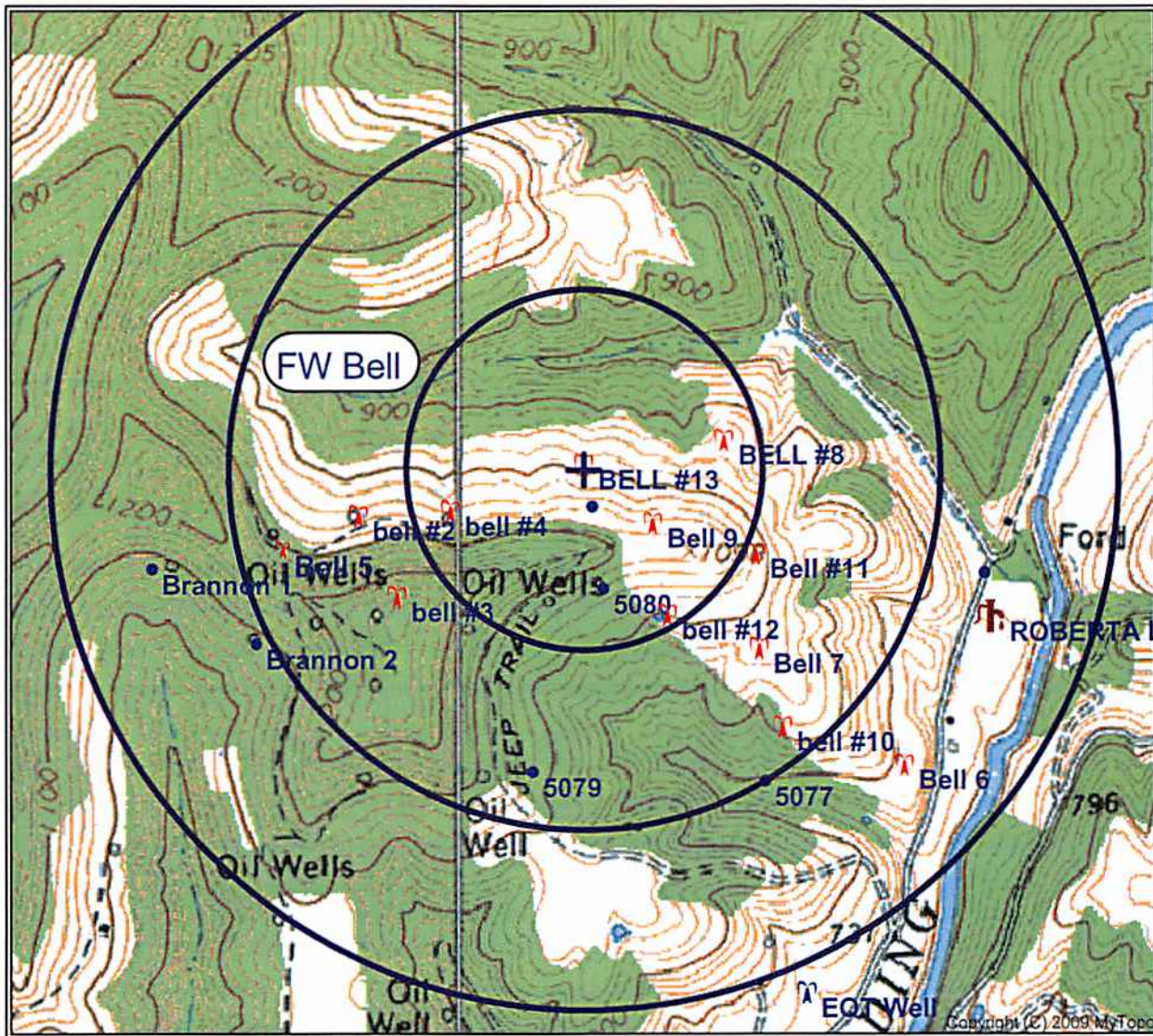
Well Operator Roy G. Hildreth & Son, Inc.  
Address Po Box 1007  
Spencer, WV 25276  
Telephone 304-927-2130

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

THERE IS NO WATER WELLS TO TEST.

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APR 25 2014  
WV Department of  
Environmental Protection  
05/16/2014

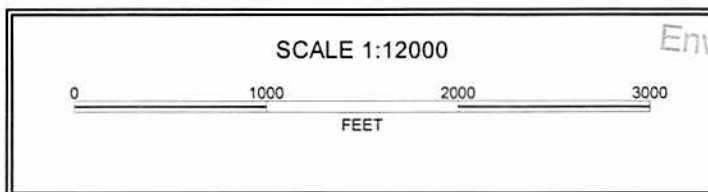




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Office of Oil and Gas

APR 25 2014

WV Department of  
Environmental Protection



05/16/2014

WW-9  
(5/13)

Page 1 of 4

API Number 47-021 - \_\_\_\_\_  
Operator's Well No. F.W. Bell #13 \_\_\_\_\_

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Roy G. Hildreth & Son, Inc OP Code \_\_\_\_\_

Watershed (HUC 10) Leading Creek Quadrangle Glenville

Elevation 990 County Gilmer District DeKalb

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes \_\_\_\_\_ No x

Will a pit be used for drill cuttings? Yes x No \_\_\_\_\_

If so, please describe anticipated pit waste: Gell Water, Drill Cuttings, Freshwater

Will a synthetic liner be used in the pit? Yes x No \_\_\_\_\_ If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- 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? No

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Air

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

Additives to be used in drilling medium? Clay Sta, KCL, Soap

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

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

-Landfill or offsite name/permit number? \_\_\_\_\_

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 Roy G. Hildreth

Company Official (Typed Name) ROY G. HILDRETH, PRESIDENT

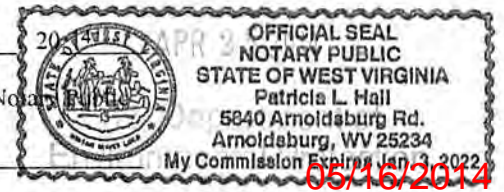
Company Official Title Roy G. Hildreth & Son, Inc.

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Office of Oil and Gas

Subscribed and sworn before me this 3RD day of APRIL

Patricia L. Hall

My commission expires January 3, 2022



05/16/2014

Form WW-9

Operator's Well No. F.W. Bell #13

Proposed Revegetation Treatment: Acres Disturbed 1.5 Prevegetation pH 5.5

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 0.25 lbs/acre (500 lbs minimum)

Mulch Hay 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Ladino Clover	5
Red Top Clover	15	Ky 31	40
Annual RHY	15	Annual Rhy	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: Bryan O'Hanlon

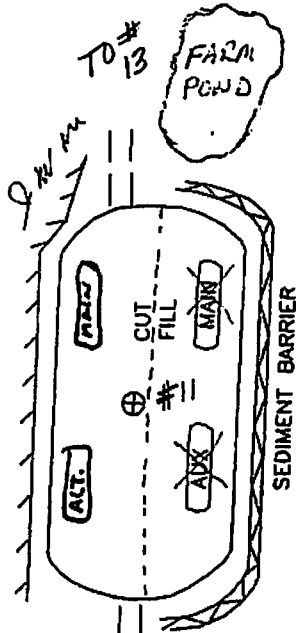
Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Inspector Date: 4-10-14

Field Reviewed?  Yes  No

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APR 25 2014  
WV Department of  
Environmental Protection  
05/16/2014

F.W. BELL  
#11



Pit Size: 25X80+/-  
Location Size: 100X200+/-

**NOTE;**

Any Trees 6" or larger in Diameter will be cut and piled. Brush will be used as Sediment Barriers. Temporary seed and mulch all slopes upon construction. Stone over all Culverts.

*JAM Court*  
*4-8-13*

2100' OF  
EXISTING WELL  
ROAD TO BE  
MAINTAINED

#3455  
#7

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APR 11 2013

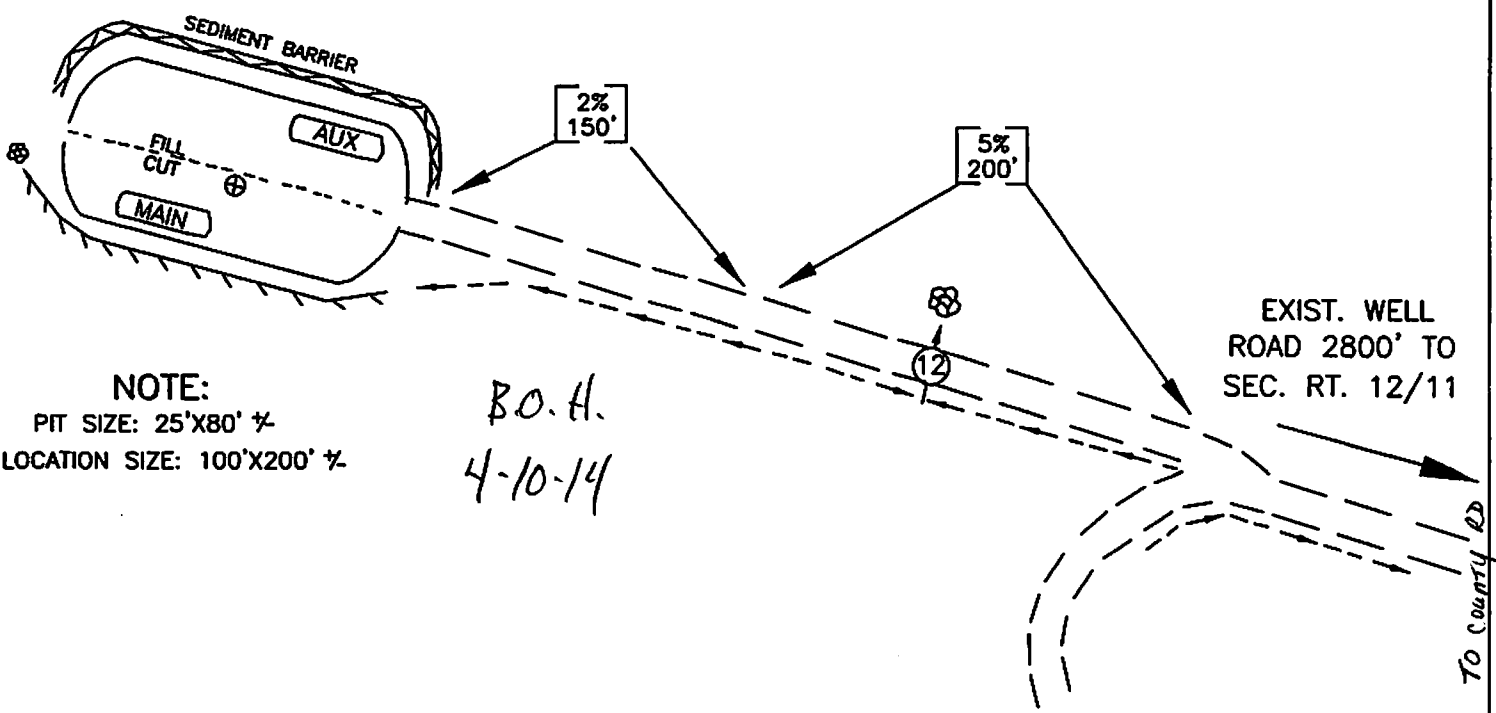
#3454

WV Department of  
Environmental Protection

**NOTE:**

Any Trees 6" or larger in Diameter will be cut and piled. Brush will be used as Sediment Barriers. Temporary seed and mulch all slopes upon construction. Stone over all Culverts and entrance off existing roadway.

F.W. BELL  
#13



**NOTE:**  
PIT SIZE: 25'X80' 7/8  
LOCATION SIZE: 100'X200' 7/8

B.O.H.  
4-10-14

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APR 25 2014  
WV Department of  
Environmental Protection  
05/16/2014

FARM ROAD  
350'

EXISTING WELL  
ROAD 2800'

F.W.BELL#13

F.W.BELL#9

FW.BELL#11

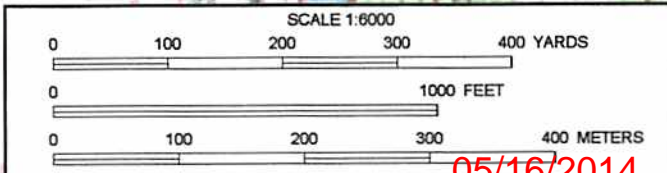
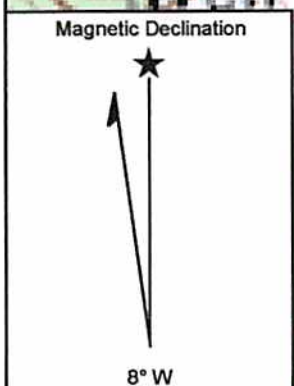
FWBELL#12

FW.BELL#10

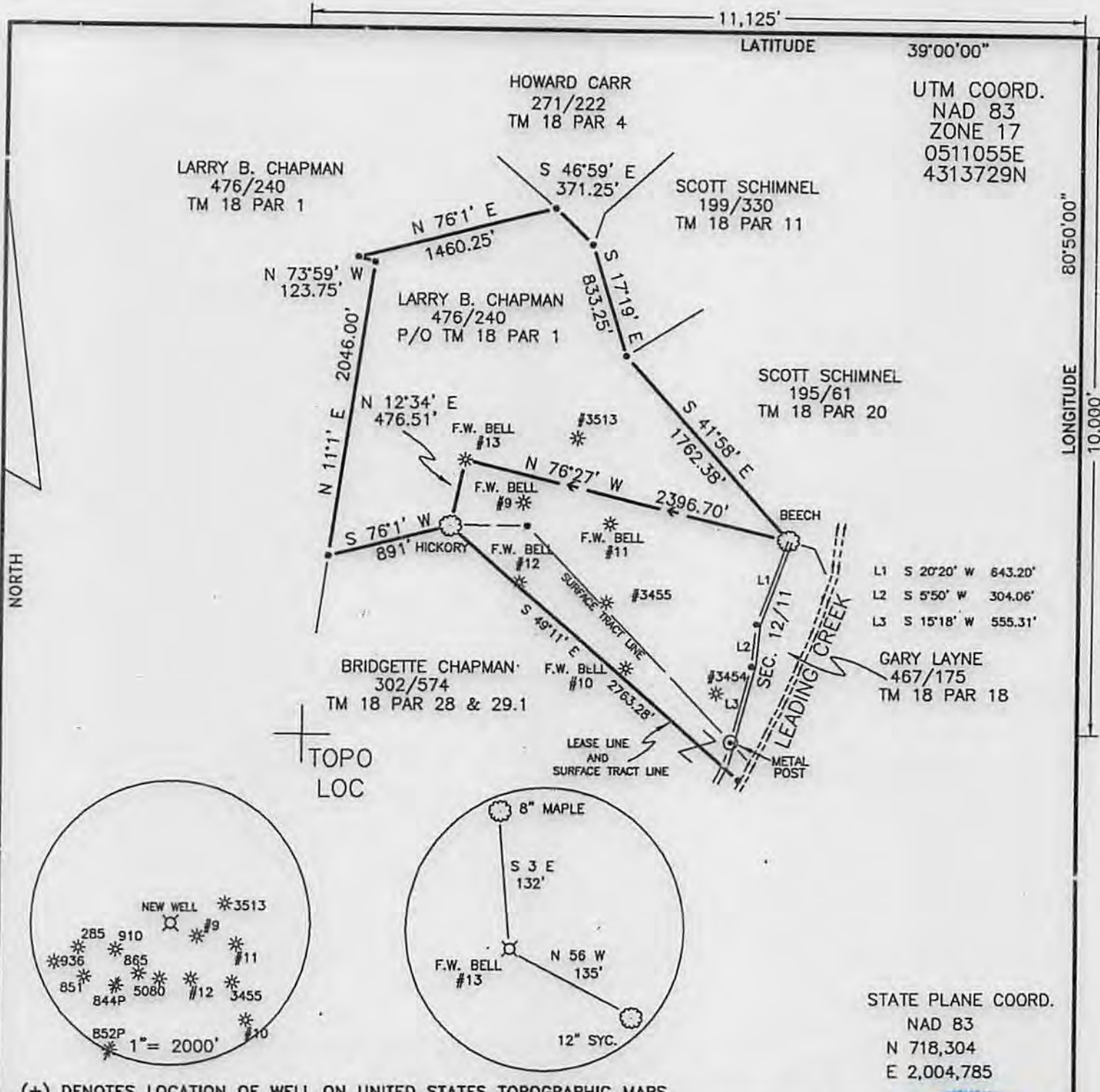
Oil Wells

JEEP TRAIL

Oil Well



05/16/2014



FILE NO. \_\_\_\_\_  
 DRAWING NO. 14-7  
 SCALE 1"=1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION GPS

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 ENERGY.  
 (SIGNED) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 851



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE 3/7, 2014  
 OPERATOR'S WELL NO. F.W. BELL #13  
 API WELL NO. 47 - 021 - 05771  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW

LOCATION: ELEVATION 990 WATER SHED LEADING CREEK  
 DISTRICT DeKALB COUNTY GILMER  
 QUADRANGLE \_\_\_\_\_

SURFACE OWNER LARRY B. CHAPMAN ACREAGE 132  
 OIL & GAS ROYALTY OWNER EARNEST ARBUCKLE & OTHERS LEASE ACERAGE 200  
 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 BIG INJUN ESTIMATED DEPTH 2000  
 WELL OPERATOR ROY G. HILDRETH & SON DESIGNATED AGENT ROY G. HILDRETH JR.  
 ADDRESS PO. BOX 1007 ADDRESS PO. BOX 1007  
 SPENCER, WV 25276 SPENCER, WV 25276

05/16/2014

11,125' LATITUDE 39°00'00"

UTM COORD. NAD 83 ZONE 17 0511055E 4313729N

LARRY B. CHAPMAN 476/240 TM 18 PAR 1

HOWARD CARR 271/222 TM 18 PAR 4

SCOTT SCHIMMEL 199/330 TM 18 PAR 11

N 73°59' W 123.75'

LARRY B. CHAPMAN 476/240 P/O TM 18 PAR 1

SCOTT SCHIMMEL 195/61 TM 18 PAR 20

N 11°1' E 2046.00'

N 12°34' E 476.51'

S 46°59' E 371.25'

S 17°19' E 833.25'

S 41°58' E 1762.38'

S 76°1' W 891'

N 76°27' W 2396.70'

S 49°11' E 2763.28'

BEECH

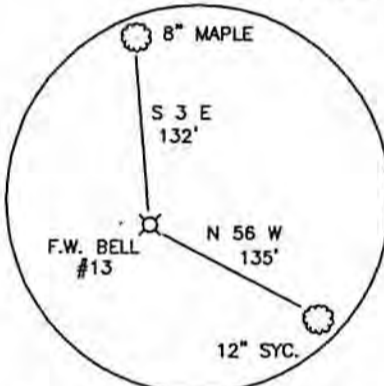
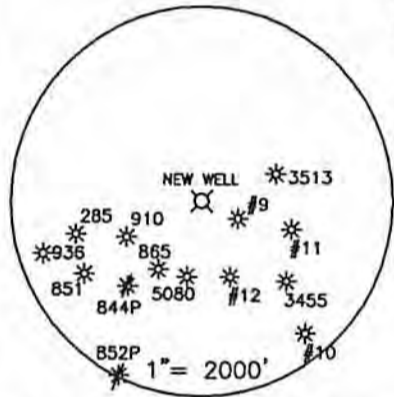
BRIDGETTE CHAPMAN 302/574 TM 18 PAR 28 & 29.1

L1 S 20°20' W 643.20' L2 S 5°50' W 304.06' L3 S 15°18' W 555.31'

GARY LAYNE 467/175 TM 18 PAR 18

TOPO LOC

LEASE LINE AND SURFACE TRACT LINE



STATE PLANE COORD. NAD 83 N 718,304 E 2,004,785

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

FILE NO. DRAWING NO. 14-7 SCALE 1"=1000' MINIMUM DEGREE OF ACCURACY 1 IN 200 PROVEN SOURCE OF ELEVATION GPS

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 ENERGY. (SIGNED) R.P.E. L.L.S. 851



STATE OF WEST VIRGINIA

Division of Environmental Protection OFFICE OF OIL AND GAS

DATE 3/7, 2014 OPERATOR'S WELL NO. F.W. BELL #13 API WELL NO. 47-021-05771 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 990 WATER SHED LEADING CREEK DISTRICT DeKALB COUNTY GILMER QUADRANGLE GLENVILLE

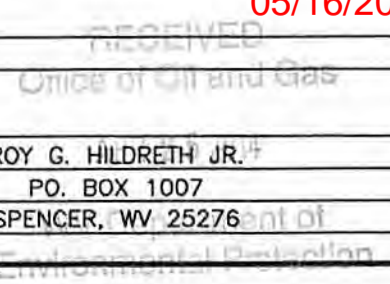
SURFACE OWNER LARRY B. CHAPMAN ACREAGE 132 OIL & GAS ROYALTY OWNER EARNEST ARBUCKLE & OTHERS LEASE ACERAGE 200 LEASE NO.

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

05/16/2014

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2000

WELL OPERATOR ROY G. HILDRETH & SON DESIGNATED AGENT ROY G. HILDRETH JR. ADDRESS P.O. BOX 1007 SPENCER, WV 25276





WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Gilmer

Operator  
Operator well number

Roy G. Hildreth & Son, Inc.  
F.W. Bell #13

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A**

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (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 57<sup>th</sup> 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 FIFTEEN (15) 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 a 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, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

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

- 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;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) 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 should request a copy from the Chief.

**List of Water Testing Laboratories.** The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

**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 and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through \_\_\_ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

\_\_\_\_\_  
Signature Date \_\_\_\_\_

\_\_\_\_\_  
Print Name

Company Name \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_  
RECEIVED  
Office of Oil and Gas  
Date \_\_\_\_\_

\_\_\_\_\_  
Signature WV Department of  
Environmental Protection Date \_\_\_\_\_