



**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

March 12, 2014

**WELL WORK PERMIT**

**Vertical Well**

This permit, API Well Number: 47-9502170, issued to DIVERSIFIED RESOURCES, 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: D-185  
Farm Name: SPENCER, ALVA  
**API Well Number: 47-9502170**  
**Permit Type: Vertical Well**  
Date Issued: 03/12/2014

# 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.



9502170  
CK# 1459  
#1650<sup>00</sup>

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

1) Well Operator: Diversified Resources Inc. 305996 Tyler McElroy Shirley  
Operator ID County District Quadrangle

2) Operator's Well Number: D-185 3) Elevation: 753'

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

5) Proposed Target Formation(s): Bayard Proposed Target Depth: 3500

6) Proposed Total Depth: 4000 Feet Formation at Proposed Total Depth: 3500

7) Approximate fresh water strata depths: 85'

8) Approximate salt water depths: 1300

9) Approximate coal seam depths: 85'

10) Approximate void depths, (coal, Karst, other): N/A

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)

Sand water with N2, Drilling on air

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	13-3/8"	J-55	32	30	30	Sanded in
Fresh Water	9-5/8"	J-55	26	168	168	CTS
Coal						
Intermediate	7"	J-55	17	1200	1200	CTS
Production	4-1/2"	J-55	10.5	3750	3750	200 sks. CBL POZ
Tubing						
Liners						

**Received**

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

MAR - 7 2014

*[Signature]*  
3-7-14

WW-2A  
(Rev. 6-07)

1). Date: February 28, 2014  
2.) Operator's Well Number D-185  
State 47- County 095 Permit 02170  
3.) API Well No.:

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 William G. Jackson W  
Address 1210 Ridge Ave  
New Cumberland, WV 26047  
(b) Name Norman Spencer W  
Address 8759 Delta Av.  
Rome, NY 13440  
(c) Name Edwin McIntyre W  
Address 14301 W. Whitewood Dr.  
San City West, AZ 85375  
5) (a) Coal Operator Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Joe Taylor  
Address 1478 Claylick Road Ripley WV 25271  
Telephone 304-380-7469

**TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:**

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

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 Diversified Resources, Inc.  
By: [Signature]  
Its: President  
Address 100 Corporate Ridge, Suite 100  
Birmingham, AL 35242  
Telephone 205-408-0909

Subscribed and sworn before me this 28 day of February, 2014

[Signature]

Notary Public

My Commission Expires April 4, 2015

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)

Received  
MAR - 7 2014

03/14/2014



9502170

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Tyler

Operator Operator well number

Diversified Resources, Inc D-185

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 57th 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 dequated elivery 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.

William Harry Jackson Signature

Date 2-28-14

Company Name

By Its Date

William Harry Jackson Print Name

Received

Signature Date

MAR - 7 2014

SURFACE OWNER WAIVER

County Tyler Operator Diversified Resources, Inc Operator well number D-185

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FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature Norman F. Spence Date 2/15/14

Print Name NORMAN F SPENCER

Company Name By Its Date

Signature Date

Received

MAR - 7 2014

Office of Oil and Gas WV Dept. of Environmental Protection

03/14/2014



WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Tyler Operator Diversified Resources, Inc. Operator well number D-185

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WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 928-0450

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FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature of Francis W. McIntyre Date 2/26/14

Print Name Edward J. McIntyre

Company Name By its Date

Signature Date

Received

MAR - 7 2014

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County \_\_\_\_\_ Title \_\_\_\_\_ Operator \_\_\_\_\_ Operator well number \_\_\_\_\_ Diverted Resources, Inc. D-165

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

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WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 67th St. SE
Charleston, WV 25304
(304) 825-0460

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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.

WESBANCOR, TRUSTEE
by: Richard Cunningham Date 3/7/14 Company Name
Signature T.T.D. By
Richard Cunningham Its
Print Name

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

Received

MAR - 7 2014



**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
William Jackson et al	Cheetah Energy, LLC	20%	
Cheetah Energy, LLC	Diversified Resources, Inc	20%	Unrecorded

SEE MEMORANDUM OF LEASE  
&  
AGREEMENT

**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

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.

Received

Well Operator:  
By: Its:

Diversified Resources, Inc.  
President

MAR - 7 2014

9502170

WW-2B1  
(5-12)

Well No. D-185

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 contactor chosen to collect sample.

Certified Laboratory Name Sturm Environmental  
Sampling Contractor \_\_\_\_\_

Well Operator Diversified Resources, Inc.  
Address 100 Corporate Ridge, Suite 100  
Birmingham, AL 35242  
Telephone 205-408-0909

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.

Received

MAR - 7 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

03/14/2014



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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Diversified Resources, Inc. OP Code \_\_\_\_\_

Watershed (HUC 10) Indian Creek Quadrangle Shirley

Elevation 753.61' County Tyler District McElroy

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 ✓ No ✗

If so, please describe anticipated pit waste: CUTTINGS, SOAP

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

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? N/A

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

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

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

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

-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 [Signature] **Received**

Company Official (Typed Name) Robert R. Hutson Jr. **MAR - 7 2014**

Company Official Title President

Office of Oil and Gas  
WV Dept. of Environmental Protection

Subscribed and sworn before me this 28 day of February, 20 14

[Signature] Notary Public

My commission expires April 4, 2015

03/14/2014

Diversified Resources, Inc.

Proposed Revegetation Treatment: Acres Disturbed 1.00 Prevegetation pH 6.5

Lime to pH test Tons/acre or to correct to pH 7.0

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


Mulch Hay or Straw 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchardgrass	<u>25</u>	Orchardgrass	<u>25</u>
Birdsfoot Trefoil	<u>15</u>	Birdsfoot Trefoil	<u>15</u>
Ladino Clover	<u>10</u>	Ladino Clover	<u>10</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:   
Comments: \_\_\_\_\_

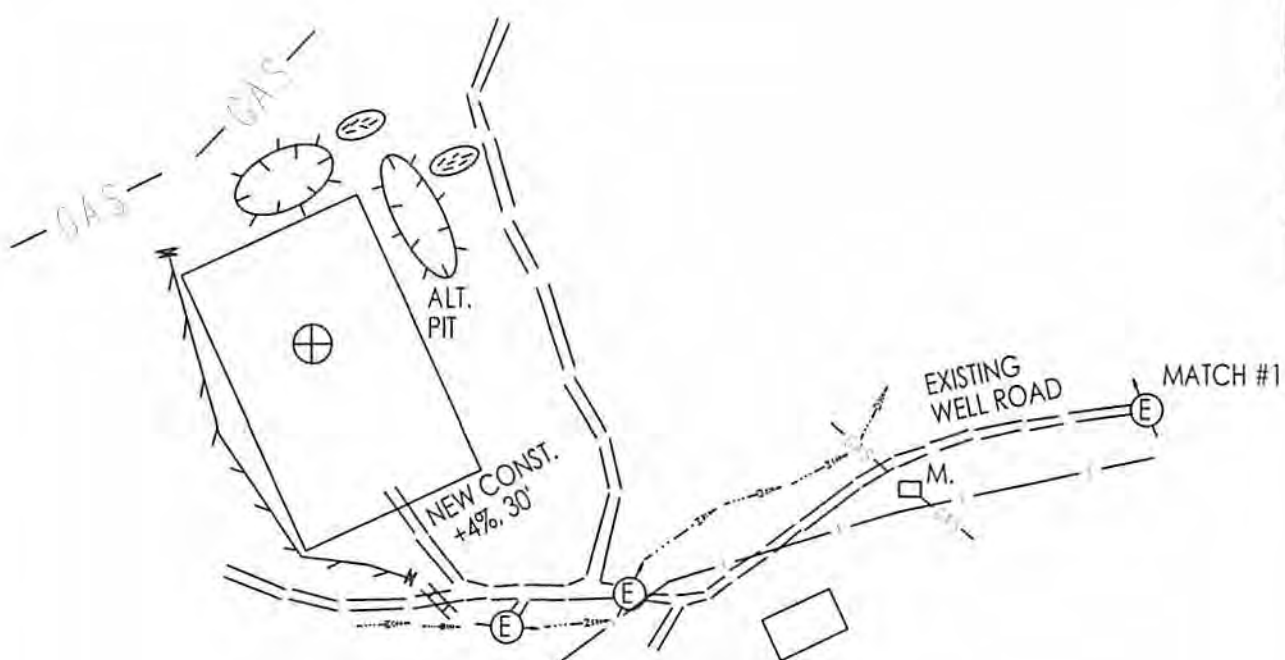
Title: OOG Inspector Date: 3-7-14

Field Reviewed?  Yes  No

Received

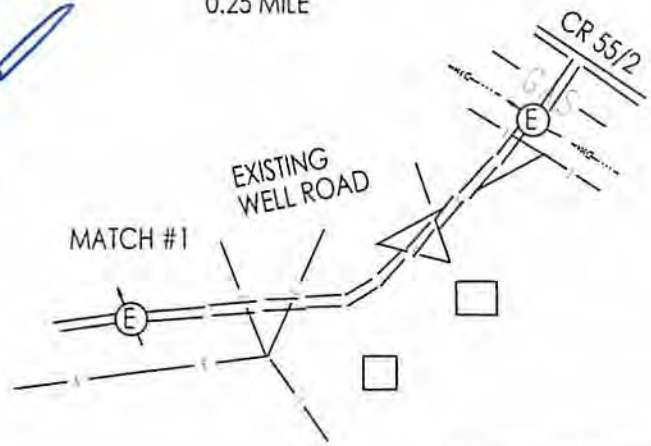
MAR - 7 2014





*[Handwritten Signature]*  
3-7-14

-1% TO +9%  
0.25 MILE



Received

MAR - 7 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

LOCATION IS ON SOME HIGHER GROUND IN AN UNMOWED FIELD. ALL USABLE TREES WILL BE CUT AND STACKED. TOPSOIL WILL BE STOCKPILED FOR USE IN REVEGETATION.

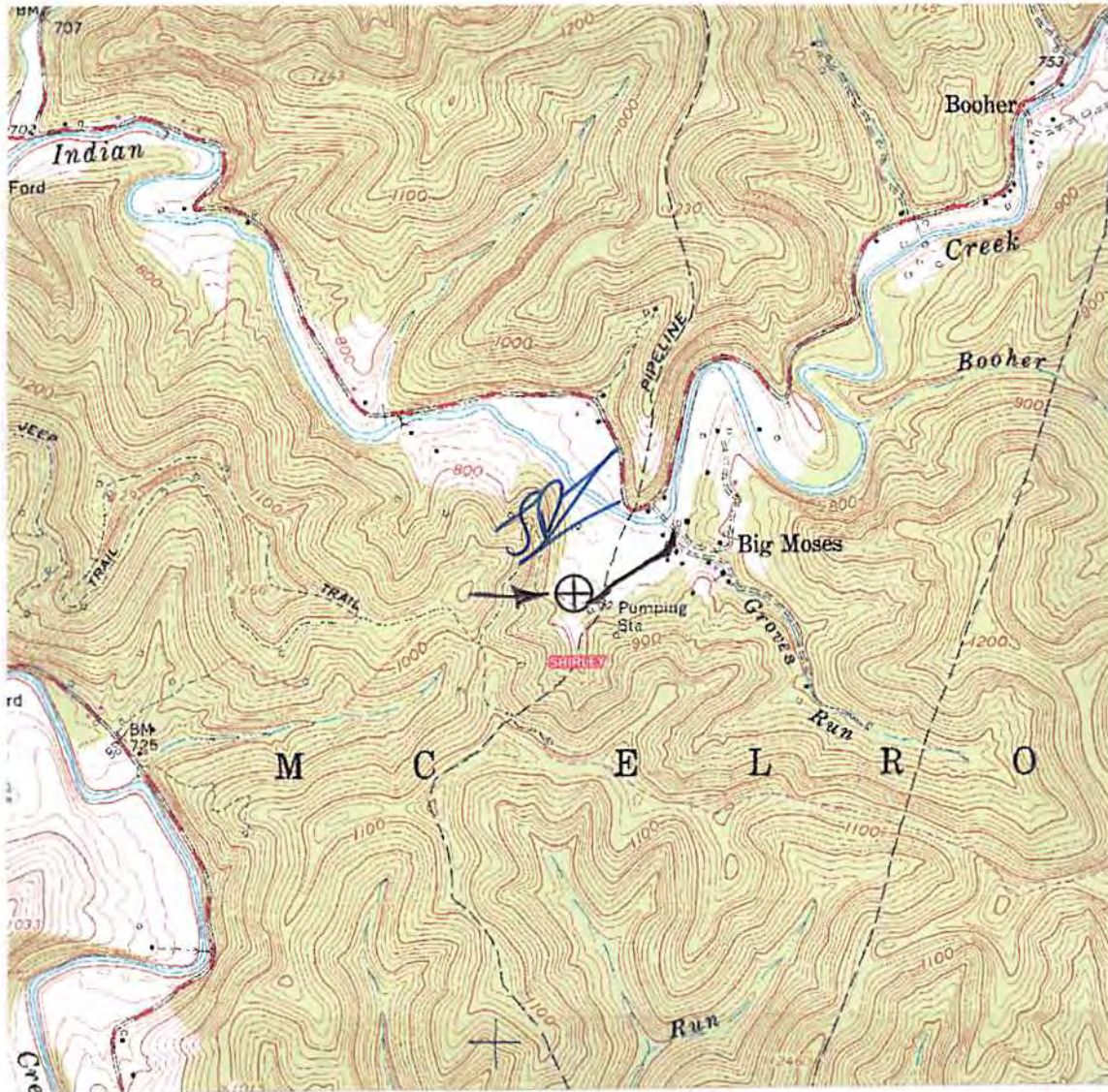
ACCESS ROAD LEAVES CR 55/2 AND UTILIZES AN EXISTING WELL ROAD THROUGH THE FIELD TO A POINT WHERE A NEW ROAD WILL BE CUT A SHORT DISTANCE ONTO THE PAD. ROCK WILL BE USED WHERE NECESSARY.

LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-842-2018 OR 5762

DRAWINGS TO ACCOMPANY FORM WW-9	
DIVERSIFIED RESOURCES, INC.	
P. O. BOX 381087	
BIRMINGHAM, AL 35238-1087	
WATERSHED:	INDIAN CREEK
DISTRICT:	MCELROY COUNTY: TYLER
QUADRANGLE:	SHIRLEY WELL NO.: D-185
DATE:	07/08/13 PAGE ____ of ____

03/14/2014





DRAWINGS TO ACCOMPANY FORM WW-9

DIVERSIFIED RESOURCES, INC.

P. O. BOX 381087

BIRMINGHAM, AL 35238-1087

Received

MAR - 7 2014

WATERSHED: INDIAN CREEK

DISTRICT: MCELROY COUNTY: TYLER

QUADRANGLE: SHIRLEY WELL NO.: D-185

DATE: 07/08/13 PAGE of

LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-842-2018 OR 5762

Office of Oil and Gas  
WV Dept. of Environmental Protection

03/14/2014



WELL REFERENCES:

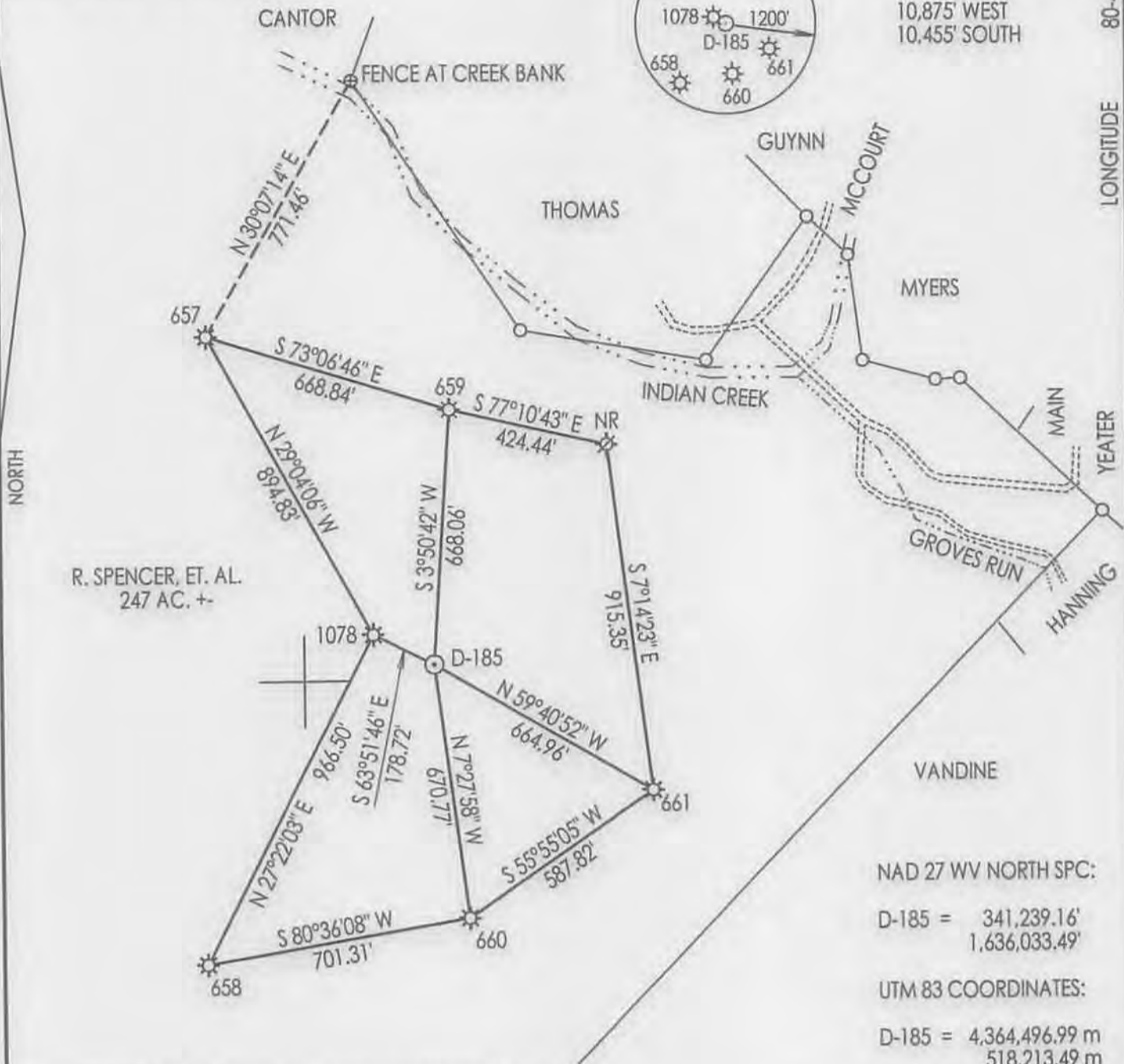
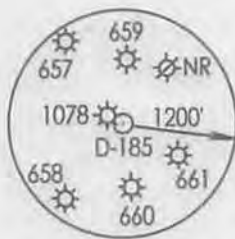
N54-00W, 141.50' TO POWER POLE  
S37-00W, 130.50' TO 12" HICKORY

LATITUDE 39-27-30

SCALED COOR.:

10,875' WEST  
10,455' SOUTH

LONGITUDE 80-45-00



R. SPENCER, ET. AL.  
247 AC. +-

NAD 27 WV NORTH SPC:

D-185 = 341,239.16'  
1,636,033.49'

UTM 83 COORDINATES:

D-185 = 4,364,496.99 m  
518,213.49 m

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

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: DRID185.PCS  
 SCALE: 1 = 400'  
 MINIMUM DEGREE OF ACCURACY: SUBMETER  
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY  
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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) \_\_\_\_\_

STEPHEN D. LOSH, P.S. #674



PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10, MCJUNKIN ROAD  
 NITRO, WV 25143-2506

LAND SURVEYING SERVICES  
 21 CEDAR LANE, BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018 OR 842-5762

DATE: JULY 08, 2013

OPERATORS WELL NO.: D-185

API WELL NO. 47-095-02170  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 753.61' WATERSHED INDIAN CREEK

DISTRICT MCELROY COUNTY TYLER

QUADRANGLE SHIRLEY LEASE NUMBER \_\_\_\_\_

SURFACE OWNER ALVA SPENCER ACREAGE 257.00 (11-46)

OIL & GAS ROYALTY OWNER RUBY SPENCER, ET. AL. LEASE ACREAGE 257.00 03/14/2014

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

TARGET FORMATION GORDON<sup>2</sup> Bayard PLUG & ABANDON \_\_\_\_\_ CLEAN OUT & REPLUG \_\_\_\_\_  
 ESTIMATED DEPTH 2900<sup>2</sup> 3500

WELL OPERATOR DIVERSIFIED RESOURCES, INC. DESIGNATED AGENT RUSTY HUTSON

ADDRESS P. O. BOX 381087 BIRMINGHAM, AL 35238-1087 ADDRESS P. O. BOX 381087 BIRMINGHAM, AL 35238-1087

COUNTY NAME PERMIT