



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 01, 2013

WELL WORK PERMIT

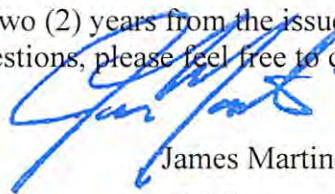
Re-Work

This permit, API Well Number: 47-1304060, issued to PRIME OPERATING COMPANY, 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: 1202
Farm Name: GODFREY, OMAR
API Well Number: 47-1304060
Permit Type: Re-Work
Date Issued: 10/01/2013

Promoting a healthy environment.

10/04/2013

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.

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

13 04 474

1) Well Operator: Prime Operating Company 306837 Calhoun Sherman Millstone 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Godfrey 1202 3) Elevation: 712'

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

5) Proposed Target Formation(s): Devonian Shale Proposed Target Depth: 5500'

6) Proposed Total Depth: 5500' Feet Formation at Proposed Total Depth: 5500'

7) Approximate fresh water strata depths: 150'

8) Approximate salt water depths: 1600'

9) Approximate coal seam depths: 0

10) Approximate void depths, (coal, Karst, other): 0

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 Deeper to depth of 5500' and frac the lower heron, gordon, rinestreet and weir with a 75 quilty foam frac and test each formation.
 Drill out all frac plugs, run tubing, rods and turn well in production.

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						
Fresh Water	9 5/8"	LS	33#	388.85'	388.5'	Surface
Coal						
Intermediate	7"	J-55	20#	1880.50'	1880.50'	175 sks
Production	4 1/2"	N-80	11.60#		5500'	4120'
Tubing						Fill up to 1400'
Liners						

Existing

Existing

Received

gwm

Packers: Kind: _____
 Sizes: _____
 Depths Set _____

SEP 16 2013

1304060 R

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 9/13/2013
API #: 47-013-04060

Farm name: Godfrey Operator Well No.: 1202

LOCATION: Elevation: 715' Quadrangle: Millstone 7.5

District: Sherman County: Calhoun
Latitude: 7482' Feet South of 38 Deg. 52 Min. 30 Sec.
Longitude 2707' Feet West of 81 Deg. 00 Min. 00 Sec.

Company: Prime Operating Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Charleston, WV				
Agent: <u>Halsey M. Whitney</u>	<u>9 5/8" LS 33#</u>		<u>388.85'</u>	<u>Surface</u>
Inspector: <u>Eddy Gainer</u>	<u>7" J-55 20#</u>		<u>1880.50'</u>	<u>175 sks</u>
Date Permit Issued: <u>October 16, 1987</u>	<u>2 3/8" tubing</u>		<u>3190'</u>	
Date Well Work Commenced: <u>01/04/1988</u>				
Date Well Work Completed: <u>01/11/1988</u>				
Verbal Plugging:				
Date Permission granted on: <u>November 5, 1987</u>				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>3424'</u>				
Total Measured Depth (ft): <u>3424'</u>				
Fresh Water Depth (ft.): <u>30'</u>				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Undef: Berea/LoHuron Pay zone depth (ft) 2040-3424
Gas: Initial open flow 300 MCF/d Oil: Initial open flow 80 Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 542 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Received

SEP 16 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the 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.

Halsey M. Whitney
Signature

9/13/13
Date

10/04/2013

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list _____
GR, Den, Temp

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Nat/Open H

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface:

- Salt Sands (undiff) 1310
- Maxton 1452
- Little Lime 1530
- Pencil Cave 1555
- Greenbrier Group 1575
- Sunbury sh 2008
- UDev Undf:Ber/LoHuron 2040
- Gantz 2102
- Gordon (Undiff) 2207
- Fifth 2498
- Warren 2948
- Speechley 3239

Cement Data:

- 9 5/8" - Ran 125 Sks, 3% CaCl2, 1/4 lbs flohec,
- 7" - 175 Sks Neat, 3%CaCl2, 1/8 lb Polyfl

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(REVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Natural Openhole Completion

WELL LOG

All Depths 10' KB

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fluids and salt water, coal, oil and gas
Undifferentiated Sand and Shale			0	1012	Fresh Water @ 30'
Shale			1012	1310	
Salt Sands			1310	1388	
Maxdon			1452	1512	Oil @ 1510'
Little Lime			1530	1555	
Pencil Cave			1555	1575	
Big Lime/Injun			1575/	1730	
Sunbury Shale			2008	2040	
Gantz/Fifty Foot			2102	2153	
Gordon Interval			2207	2440	Oil Show @ 2360'
Fifth Sand			2498	2556	
Warren			2948	3004	
Speechley			3239	3424	
Total Depth				3424	Oil Show @ TD

RECEIVED
JAN 26 1988

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

Sterling Drilling and Production Company, Inc.
Well Operator

By: William E. Stone 10/04/2013
Date: January 15, 1988

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic
recording of the lithology, stratigraphy, and other geological features of the wellbore."

1304060R

WW-2A
(Rev. 6-07)

1.) Date: 6/24/2013
2.) Operator's Well Number Godfrey 1202
State County Permit
3.) API Well No.: 47- 013 - 04060

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 Delbert & Lois J. Sears W
Address Route 1 Box 5
Stumptown, WV 25280
(b) Name
Address
(c) Name
Address
6) Inspector Ed Gainer
Address PO Box 821
Spencer, WV 25276
Telephone 304-389-7582
5) (a) Coal Operator
Name
Address
(b) Coal Owner(s) with Declaration
Name
Address
(c) Coal Lessee with Declaration
Name
Address

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:

- x 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 Prime Operating Company
By: Helen M. Whitey
Its: Designated Agent
Address 714 1/2 Lee Street East
Charleston, WV 25301
Telephone

Subscribed and sworn before me this 12th day of September, 2013
Sara M. Lyon Notary Public
My Commission Expires March 28, 2023

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



SEP 16 2013

Office of Oil and Gas
Dept. of Environmental Protection

10/04/2013

SURFACE OWNER WAIVER

County Calhoun

Operator
Operator well number

Prime Operating Company
Godfrey 1202

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 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.

Robert Sears
Signature

Date

7/17/2013
Company Name
By
Its

Date

Dolburt Sears
Print Name

Received
Signature Date

SEP 16 2013

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Calhoun
Operator Prime Operating Company Operator's Well Number Godfrey 1202

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 extension 1654

WAIVER

The undersigned coal operator ____ / owner ____ / lessee ____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

	Date		Company Name	
Signature			By	
			Its	Date
			Signature	Date

Received

SEP 16 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

10/04/2013

WW-2A1
(Rev. 1/11)

Operator's Well Number Godfrey 1202

**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
Omar and Barbara Godfrey	Sterling Drilling / Prime (Assignment)	1/8	097/598
Thelma Siers	Sterling Drilling / Prime (Assignment)	1/8	097/598

RECEIVED
Office of Oil and Gas

SEP 30 2013

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

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:

Prime Operating Company
 Halsey Whitney Halsey M. Whitney
 Designated Agent

1304060 R

WW-9
Rev. 5/10

Page 7 of 8
API Number 47-013 - 04060
Operator's Well No. Godfrey 1202

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

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

Operator Name Prime Operating Company OP Code 306837

Watershed Steer Creek Quadrangle Millstone 7.5'

Elevation 712' County Calhoun District Sherman

Description of anticipated Pit Waste: formation cuttings, soap, water

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

Will a synthetic liner be used in the pit? yes. If so, what mil.? 10 mil or greater 20 mil

- Proposed Disposal Method For Treated Pit Wastes:
- Land Application
 - Underground Injection (UIC Permit Number 2D087-3432)
 - Reuse (at API Number _____)
 - Off Site Disposal (Supply form WW-9 for disposal location)
 - Other (Explain _____)

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

-If oil based, what type? Synthetic, petroleum, etc. n/a

Additives to be used? Soap and Gell

Will closed loop system be used? no

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. leave in pit. Water will be taken to underground injection well.

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

-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 Halsey M. Whitney

Company Official (Typed Name) Halsey Whitney

Company Official Title Designated Agent

Received

Subscribed and sworn before me this 12th day of September, 2013

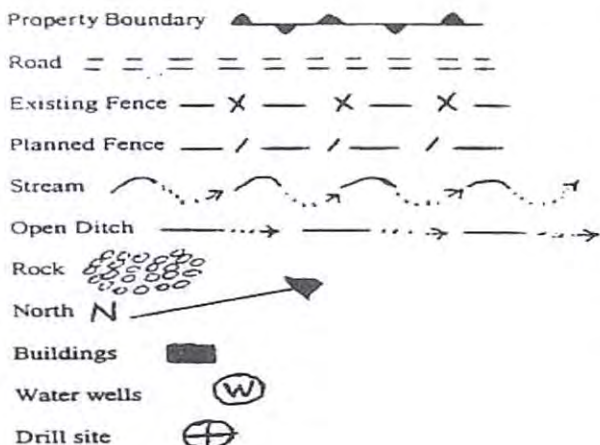
SEP 16 2013

Sara M. Lyon

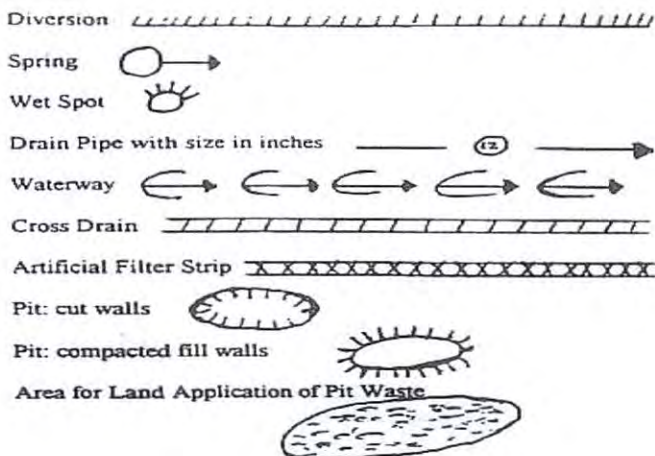
Notary Public, Office of Oil and Gas
WV Dept. of Environmental Protection

My commission expires March 28, 2023





LEGEND



Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH 6.0

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) .25 lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre
KY 31		40
Ladino Clover		4

Seed Type	Area II	lbs/acre
KY 31		40
Ladino Clover		4

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: _____

Existing well - maintain sediment basin at all times - highway to be kept clean.

Title: _____

Inspector

Date: _____

7/9/13

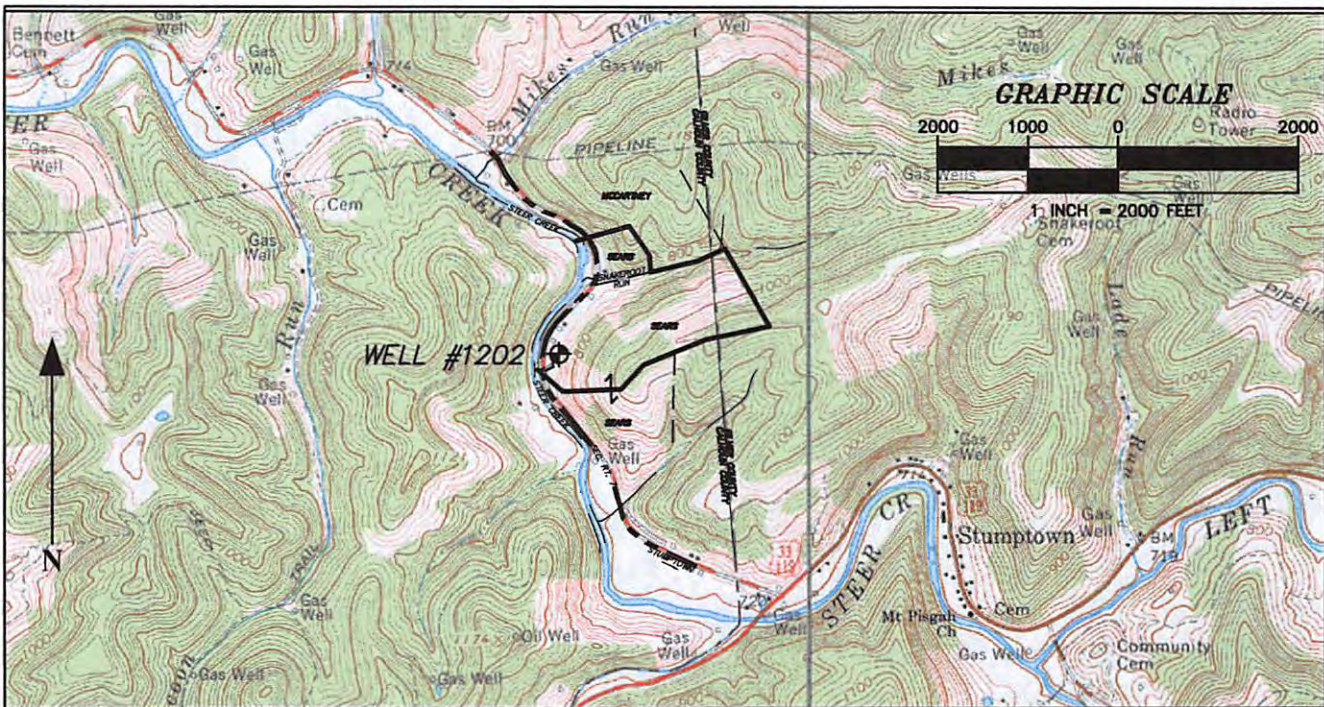
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Field Reviewed? _____

() Yes

(X) No

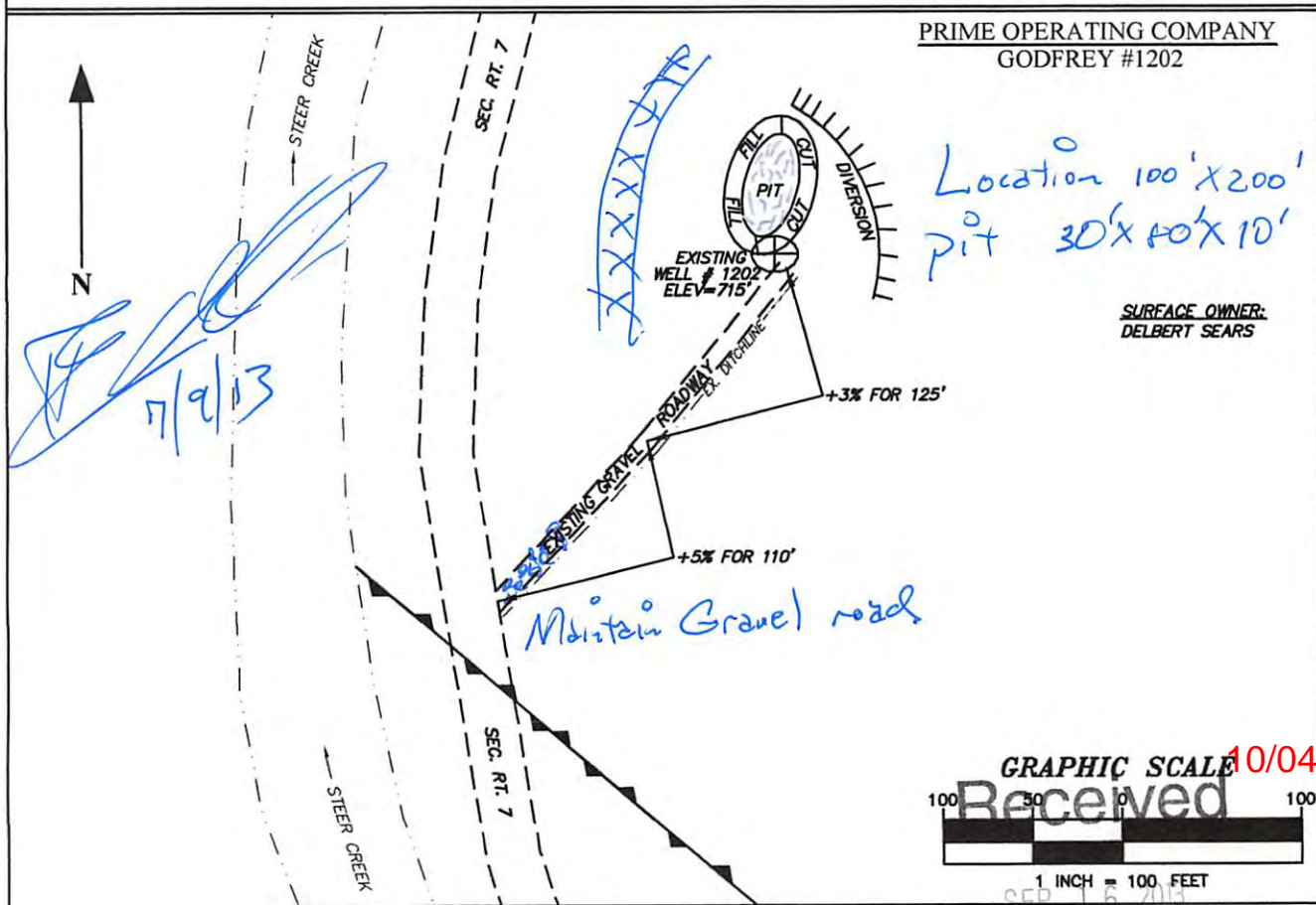
SEP 16 2013



LEGEND

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

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



PRIME OPERATING COMPANY
GODFREY #1202

SURFACE OWNER:
DELBERT SEARS



81°00'34.2" (81.0095)

2,707'

Latitude: 38°52'30"

O. GODFREY 67 ACRE LEASE

WELL # 1202

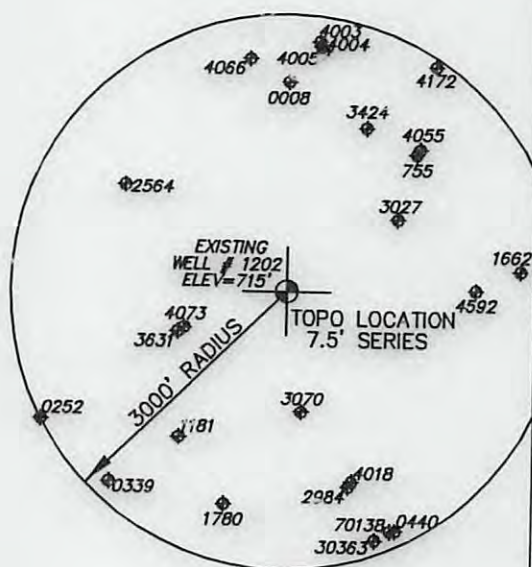
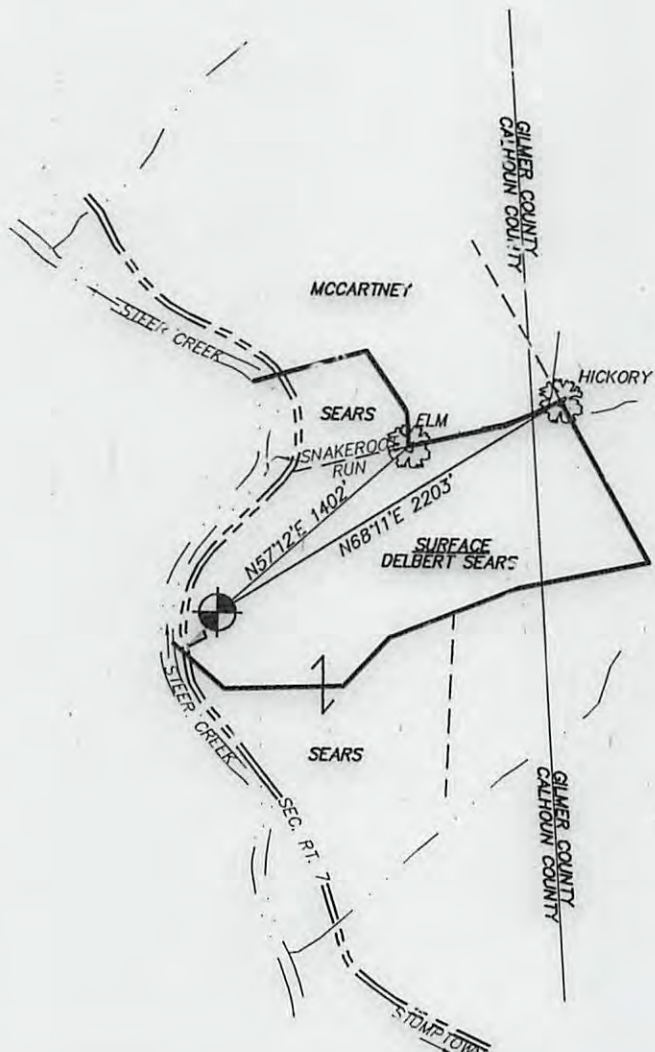
UTM NA033
N: 4300625
E: 499175

Longitude: 81°00'00"

7,482'

38°51'16.0" (38.8545)

North



WELL REFERENCES



FILE # 13-021
 DRAWING # WELL-1202
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION SUBMETER 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 ENVIRONMENTAL PROTECTION.

Signed: Brian W. Lawrence
 R.P.E.: _____ L.L.S.: 2056

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: MARCH 20TH, 2013
 OPERATORS WELL #: 1202-REV
 API WELL # 47 013 04060 R
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED STEER CREEK ELEVATION: 715'
 COUNTY/DISTRICT CALHOUN / SHERMAN QUADRANGLE: MILLSTONE 7.5'
 SURFACE OWNER DELBERT & LOIS SEARS ACREAGE 67
 OIL & GAS ROYALTY OWNER: OMAR GODFREY ACREAGE 67

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: DEVONIAN MARCELLUS SHALE ESTIMATED DEPTH: 6000'
 WELL OPERATOR PRIME OPERATING DESIGNATED AGENT HALSEY WHITNEY
 Address 714 1/2 LEE ST. EAST Address 714 1/2 LEE ST. EAST
 City CHARLESTON State WV Zip Code 25301 City CHARLESTON State WV Zip Code 25301

10/04/2013

1304060R

81°00'34.2" (81.0095)

2,707'

Latitude: 38°52'30"

O. GODFREY 67 ACRE LEASE

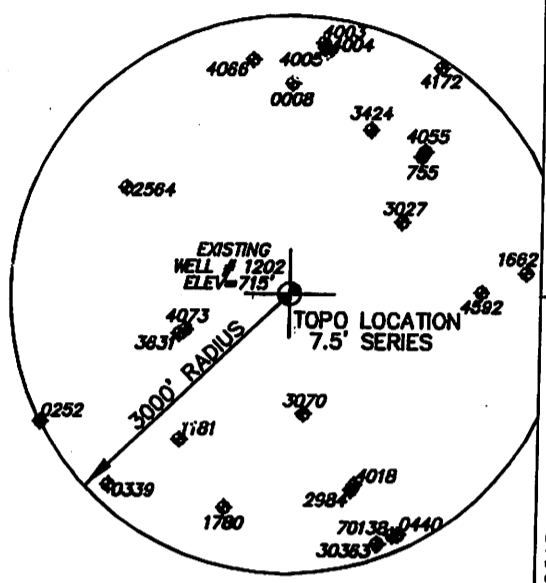
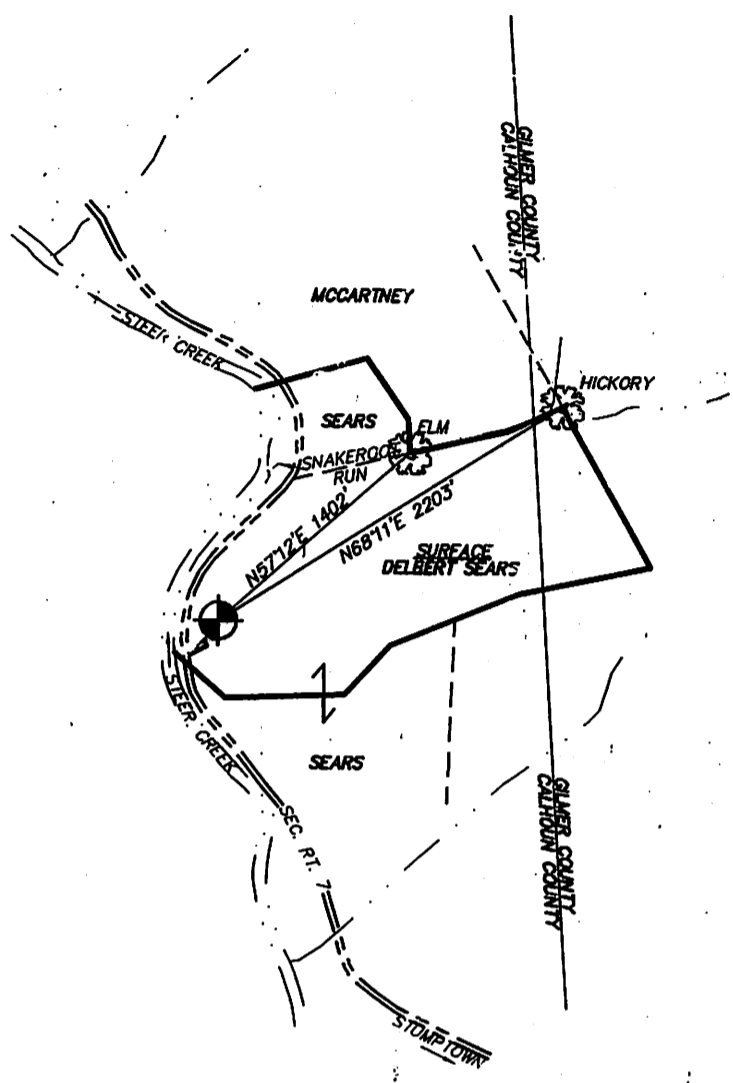
WELL # 1202

UTM NAD83
N: 4300625
E: 499175

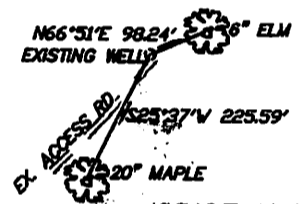
Longitude: 81°00'00"

38°51'16.0" (38.8545)

North



WELL REFERENCES



FILE # 13-021
 DRAWING # WELL-1202
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION SUBMETER 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 ENVIRONMENTAL PROTECTION.

Signed: Brian W. Lawrence
 R.P.E.: _____ L.L.S.: 2056

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: MARCH 20TH, 2013
 OPERATORS WELL #: 1202-REV
 API WELL # 47 013 04060
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED STEER CREEK ELEVATION: 715'

COUNTY/DISTRICT CALHOUN / SHERMAN QUADRANGLE: MILLSTONE 7.5'

SURFACE OWNER DELBERT & LOIS SEARS ACREAGE 67

OIL & GAS ROYALTY OWNER: OMAR GODFREY ACREAGE 67

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: DEVONIAN MARCELLUS SHALE ESTIMATED DEPTH: 6000'

WELL OPERATOR PRIME OPERATING
 Address 714 1/2 LEE ST. EAST
 City CHARLESTON State WV Zip Code 25301

DESIGNATED AGENT HALSEY WHITNEY
 Address 714 1/2 LEE ST. EAST
 City CHARLESTON State WV Zip Code 25301

10/04/2013

Prime Operating Company

a subsidiary of Prime Energy Corporation

Eastern Oil Well Service Company

714-1/2 Lee Street East • Charleston, WV 25301
(304) 342-0121 • FAX (304) 343-7019

September 13, 2013

CK # 0630822

Mr. Gene Smith
Assistant Chief
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

RE: Permit Applications

Dear Mr. Smith,

Enclosed please find the following Applications:

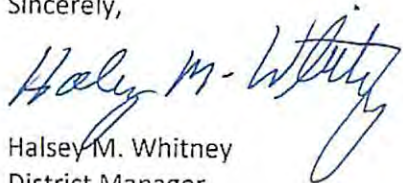
- 1.) A request for Modification of a Well Work Permit for the Hall 495 UIC well. The permit has been modified to include a Pit and the cement sqz of the casing annulus at 360'. (1st Priority)
- 2.) A Well Work Permit for the Hall 1166 well (1st Priority of the producing well re-works).
- 3.) A Well Work Permit for the Godfrey 1202 well (2nd Priority of the producing well re-works).

Included is a check for \$1400 broken down as follows:

\$100 for the Pit Permit for the Hall 495
\$650 for the well work permit for the Hall 1166
\$650 for the well work permit for the Godfrey 1202

I would appreciate your earliest consideration of these applications. Thank you in advance and please let me know if you have any question or required changes.

Sincerely,



Halsey M. Whitney
District Manager

Received

SEP 16 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

WW-2B1
(5-12)

Well No. Godfrey 1202

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 ALS Environmental - South Charleston WV
Sampling Contractor _____

Well Operator Prime Operating Company
Address 714 1/2 Lee Street East
Charleston, WV 25301
Telephone 304-342-0121

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

SEP 16 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

10/04/2013

Water Testing – GODFREY 1202

Dawn McCartney
9022 Russett Run Road
Normantown, WV 25267

Delbert Sears
15441 US Highway 33W
Normantown, WV 25267

Received

SEP 16 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

7/87 RECEIVED OCT 20 1987



1) Date: October 16, 19 87
2) Operator's Well No. Godfrey #1202
3) API Well No. 47 013 4060 State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas X
5) LOCATION: Elevation: 712' District: Sherman 4 Watershed: Steer Creek County: Calhoun 019 Quadrange: Millstone 7.5' 474
6) WELL OPERATOR: Sterling Drilling CODE: 47550 7) DESIGNATED AGENT: William E. Slover Address: 710 Virginia Street East Charleston, WV 25301
8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Deo Mace Address: Route 1 Box 5 Sandridge, WV 25274
9) DRILLING CONTRACTOR: Name: Unknown at this time
10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X / Plug off old formation / Perforate new formation / Other physical change in well (specify)
11) GEOLOGICAL TARGET FORMATION: Riley-Benson
12) Estimated depth of completed well, 4430 feet
13) Approximate rata depths: Fresh, 149 feet; salt, 1600 feet.
14) Approximate coal seam depths: 0 Is coal being mined in the area? Yes / No X

15) CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft., New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILLUP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom). Includes handwritten entries for Fresh water, Intermediate, and Production casing.

OFFICE USE ONLY DRILLING PERMIT

Permit number 47-013-4060 Date November 5, 19 87

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof. Permit expires November 5, 1989 unless well work is commenced prior to that date and prosecuted with due diligence

Table with columns: Bond, Agent, Plat, Gas tag, Fee (235, 35315), WPPV, SPP, Other. Includes handwritten signatures and initials.

NOTE: Keep one copy of this permit posted at the drilling location. Director, Division of Oil and Gas File See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

Received 10/04/2013

SEP 16 2013

1304060R

FORM WW-2A

RECEIVED
OCT 20 1987

1) Date: October 10, 1987
Operator's
2) Well No. Godfrey #1202
3) API Well No. 47 - 013 - 4060
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Omar Godfrey
Address Route 3 Box 4
Stumptown, WV 25280
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5 (i) COAL OPERATOR Unoperated
Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Unknown
Address _____

Name _____
Address _____

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form WW-2(B) which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form WW-6, and

PS Form 3800, Feb. 1982 * U.S.G.P.O. 1983-403-517

Postage	\$.56
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.70
Return receipt showing to whom Date, and Address of delivery	
TOTAL Postage and Fees	\$ 2.01

Postmark Date _____

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse) #2002

P 587 524 2:5B

APPLICATION APPLICATION LL.
well op- documents ect to s ra WW-6. tion Plan n(s) named or delivery

by which 1 specifics)

or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form WW-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by William E. Stover, this 16th day of October, 1987, My commission expires Aug. 7, 1995.
William E. Stover
Notary Public, Kanawha County, State of West Virginia

WELL OPERATOR Sterling Drilling & Prod. Co., Inc.
By William E. Stover
Its Designated Agent
Address 710 Virginia Street East
Charleston, WV 25301
Telephone (304) 342-0121

Received

SEP 16 2013 10/04/2013

Office of Oil and Gas
WV Dept. of Environmental Protection

1304060R



RECEIVED
OCT 20 1987

DATE October 6, 1987
WELL NO. S.D.P. # 1202
API NO. 47 - 013 -

State of West Virginia
Department of ENERGY
Oil and Gas Division

DEPARTMENT OF OIL & GAS
DEPARTMENT OF ENERGY

CONSTRUCTION AND RECLAMATION PLAN

Sterling Drilling & Prod. Co.
COMPANY HOME 150 GRAND ST. - 4th FLOOR
ADDRESS WHITE PLAINS, NY 10601
Telephone (914) - 684 - 5830
MANAGER OMAR Godfrey

WILLIAM E. STOVER
DESIGNATED AGENT 710 VIRGINIA ST. EAST
Address CHARLESTON, W.VA. 25301
Telephone (304) 342-0121
SOIL CON. DISTRICT LITTLE KANAWHA

Reclamation to be carried out by STERLING DRILLING & PROD. CO - W.E. STOVER

This plan has been reviewed by Dept. of Energy ~~SD~~: All construction and activities become a part of this plan: 10-9-87 (Date)
W.E. Stover (SD Agent)

ACCESS ROAD	LOCATION
STRUCTURE <u>DRAINAGE DITCH</u> (A) Spacing <u>EARTHEN</u> Page Ref. Manual <u>(2-12)</u>	STRUCTURE <u>DIVERSION DITCH</u> (1) Material <u>EARTHEN</u> Page Ref. Manual <u>(2-12)</u>
STRUCTURE <u>CROSS DRAINS</u> (B) <u>2% EVERY 250'; 10% EVERY 80'</u> <u>Spacing 15% EVERY 60'; 20% EVERY 45'</u> Page Ref. Manual <u>(2-4)</u>	STRUCTURE <u>ROCK-RIP-RAP</u> (2) Material <u>ROCK</u> Page Ref. Manual <u>(2-16)(C-4)</u>
STRUCTURE <u>12" x 30' CULVERT</u> (C) Spacing <u>(LINE PIPS)</u> Page Ref. Manual <u>(2-7)(2-10)</u>	STRUCTURE <u>Pit</u> (3) Material <u>EARTHEN</u> Page Ref. Manual <u>N/A</u>

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

RECLAMATION

Treatment Area I	Treatment Area II
Line <u>2-5*</u> Tons/acre or correct to pH <u>6.5</u>	Line <u>2-5*</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500 ± lbs/acre</u> (10-20-20 or equivalent)	Fertilizer <u>500 ± lbs/acre</u> (10-20-20 or equivalent)
Mulch <u>HAY</u> <u>2</u> Tons/acre	Mulch <u>HAY</u> <u>2</u> Tons/acre
Seed* <u>Redtop clover</u> <u>5 ± lbs/acre</u>	Seed* <u>REDTOP CLOVER</u> <u>5 ± lbs/acre</u>
<u>Ky 31</u> <u>40 lbs/acre</u>	<u>Ky 31</u> <u>40 lbs/acre</u>
<u>lbs/acre</u>	<u>lbs/acre</u>

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 31 recommended amount.
* depending on existing soil pH

PLAN PREPARED BY MARK C. ECHARD, LLS 10/04/2013

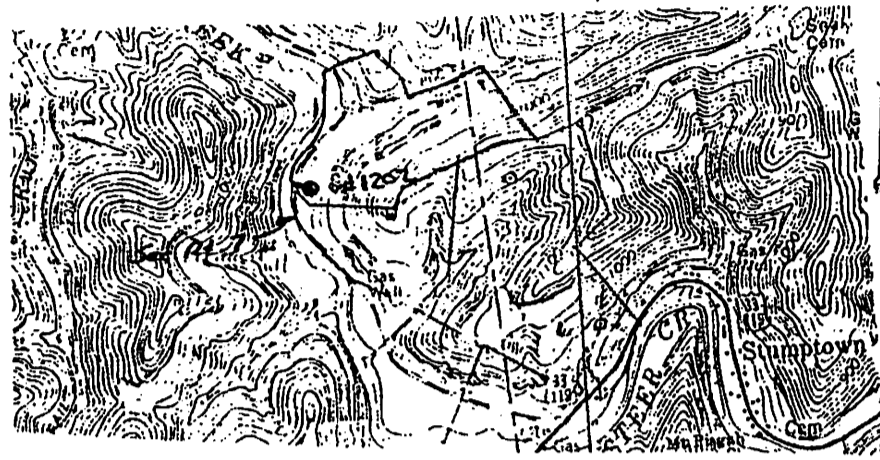
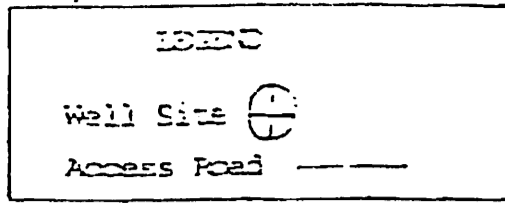
ADDRESS Rte. 71, Box 6
Glenville, W.VA. 26351
PHONE NO. (304) 462-5565

THIS PLAN IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF THE DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION.

Received

SEP 16 2013

DATE OF PHOTOGRAPHY SECTION OF
RECENT TOPOGRAPHIC MAP.
SCALE MILLSTONE 7.5'



RECEIVED
OCT-20 1987
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL SITE PLAN

Plan to include well location, existing access road, roads to be constructed, well site filling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

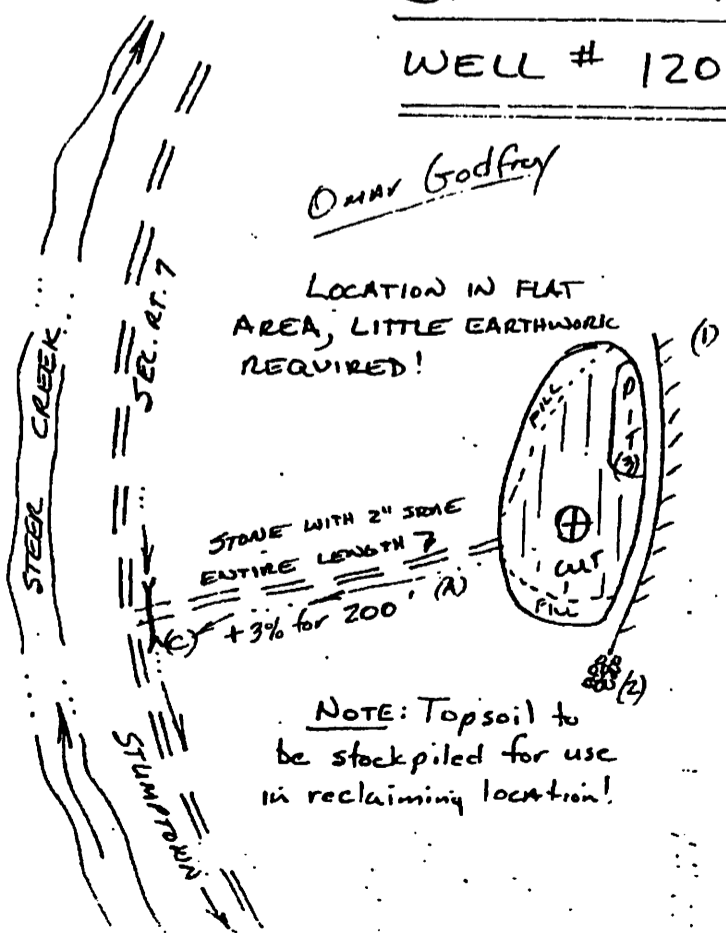
- | | | | |
|-------------------|--|------------|--|
| Property boundary | | Diversion | |
| Road | | Spring | |
| Existing fence | | Wet spot | |
| Barbed fence | | Building | |
| Stream | | Drain pipe | |
| Open ditch | | Waterway | |

STERLING DRILLING & PRODUCTION CO.

WELL # 1202

OMAR Godfrey

LOCATION IN FLAT AREA, LITTLE EARTHWORK REQUIRED!



Received

SEP 16 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

10/04/2013

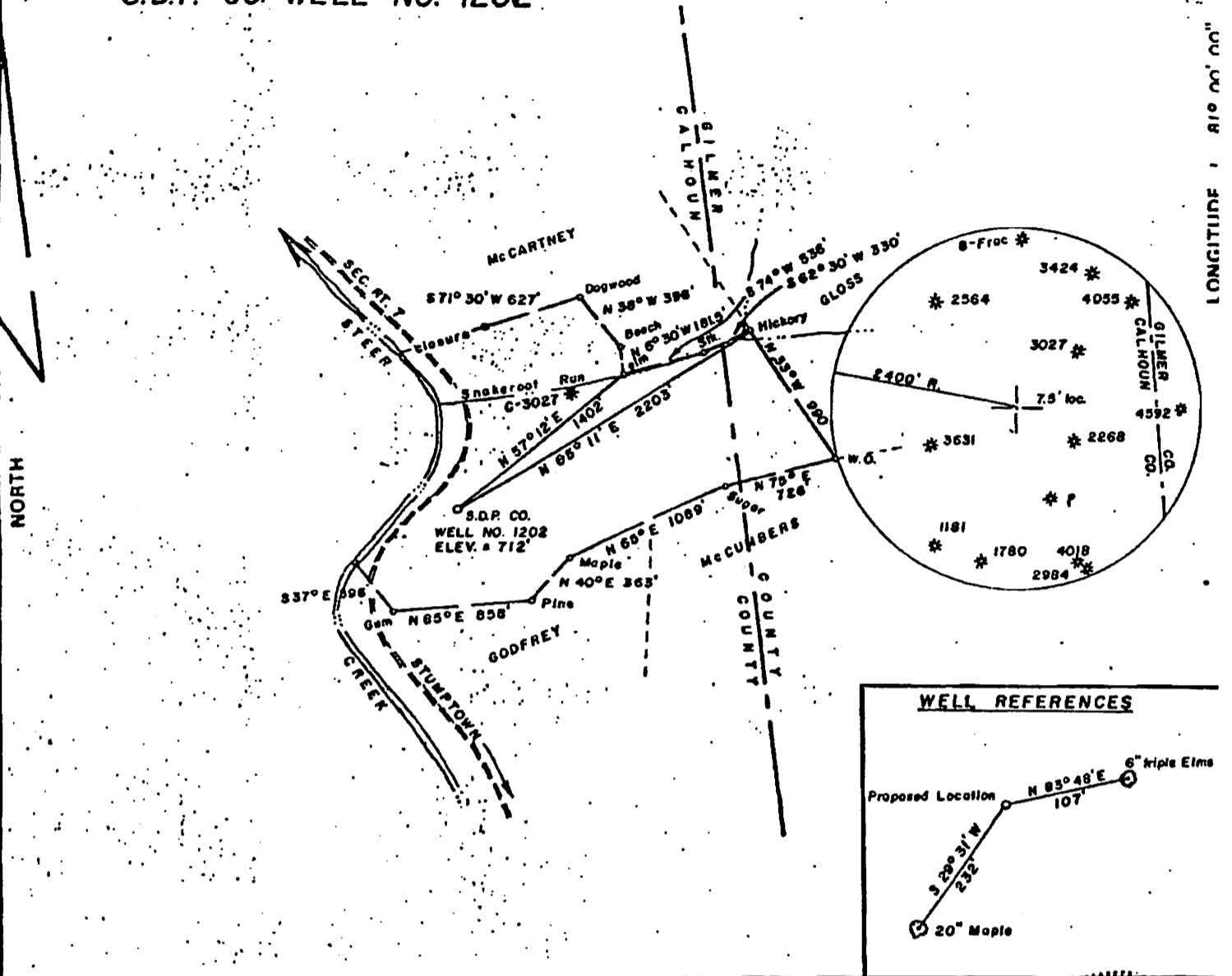
1304060R

2800'

LATITUDE 38° 52' 30"

O. GODFREY 67 AC. LEASE

S.D.P. CO. WELL NO. 1202



FILE NO. 14-12
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION U.S.G.S. BM NW of Lease ELEV. = 700'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE OCTOBER 6, 1987
 OPERATOR'S WELL NO. 1202
 API WELL NO. _____
47 - 013 - 4060
 STATE COUNTY PERMIT
 Exp. 11/5/89

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 712' WATER SHED STEER CREEK
 DISTRICT SHERMAN COUNTY CALHOUN
QUADRANGLE MILLSTONE 7.5'
 SURFACE OWNER OMAR GODFREY ACREAGE 67
 OIL & GAS ROYALTY OWNER OMAR GODFREY LEASE ACREAGE 67
 LEASE NO. 044-043

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

Received 10/04/2013

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION RILEY-BENSON ESTIMATED DEPTH 4430'
 WELL OPERATOR STERLINS DRILLING CO. DESIGNATED AGENT WILLIAM E. STOVER Office of Oil and Gas
 DEPT. OF ENVIRONMENTAL PROTECTION