



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

July 22, 2013

FINAL INSPECTION REPORT

New Well Permit Cancelled

WACO OIL & GAS CO INC,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-4902013, issued to WACO OIL & GAS CO INC, and listed below has been received in this office. The permit has been cancelled as of 6/14/2013.

James Martin

Chief

Operator: WACO OIL & GAS CO INC

Operator's Well No: HENDERSHOT 1914

Farm Name: HENDERSHOT, TERRY

API Well Number: 47-4902013

Date Issued: 02/27/2009

Date Cancelled: 06/14/2013

Promoting a healthy environment.

R - 26 (REV 08) cancel

API No. 47-4902013

INSPECTORS PERMIT SUMMARY FORM

GPS YES[] NO[]

DATE STARTED/LOCATION	J.	OPERATOR:	WACO OIL & GAS CO I	INC
		FARM:	HENDERSHOT, TERRY	7
DRILLING COMMENCED: TO DATE:	DEPTHS:	Well No:	HENDERSHOT 1914	
WATER DEPTHS: QUESTIONS FOR THIS REF 4-12.1 AND 35CSR 4-16 AN	PORT ARE IN ACCORDANC O THE GENERAL WATER P	CE OF WV CODE 2 POLLUTION CON	22-6-30 AND REGULATION TROL PERMIT.)NS 35CSR
POINTS ARE TO BE GIVE	N UP TO MAXIMUM AS S	HOWN BASED C	N PERFORMANCE.	
A. CONSTRUCTIONB. DRILLING	PROPER NOTICE TO INSPE YES[] YES[]	NO[] (2_PTS NO[] (2_PTS	5) 5)	(4_PTS)
2. WAS THE TIMBER CU	T, STACKED, AND BRUSH STARTED? YES [USED FOR SEDIM] NO [] (2_P)	(S)	(4_PTS)
3. ARE ALL LOCATION A	AND/OR ROAD BANKS BEI	NG SLOPED? YE	S[] NO[] (4_PTS)	(4_PTS)
A. ROAD DITCHES C. CULVERTS E. DIVERSION DITCH	NG SEDIMENT CONTROL S (1)_(2)_(3)_(4)_(PTS) (1)_(2)_(3)_(4)_(5)_(PTS) (ES (1)_(2)_(3)_(PTS) DING YES[] NO[] (19	B. CROSS DR S) D. CREEK CF F. BARRIERS 0_PTS)	RAINS (1)_(2)_(3)_(4 ROSSINGS (1)_(2)_(3)_(4 S (1)_(2)_(3)_(4	PTS)
	PC	OINTS AVAILAB	LE FOR QUESTION 4:	
5. HAS TOP SOIL (IF AN	Y) BEEN STOCKED PILED?	YES[]	NO[] (2_PTS)	(2_PTS)
6. IS THE PIT PROPERLY	Y INSTALLED AND MAINT	AINED?YES[]	NO[] (9_PTS)	(9_PTS)
E. TANK DIKES	(1)_(2)_(3)_(PTS) (1)_(2)_(3)_(PTS) (ING MATERIALS (1)_(2) (IDEQUATE (1)_(2)	D. PIPELINES F. API INSTAL (3)_(3)_(PTS) (3)_(PTS)	(1)_(2)_(3)_(PI LLED YES[] NO[TS) [] (3_PTS)
8. WAS RECLAMATION	COMPLETED WITHIN:		LE FOR QUESTION 7:	
6 MTHS OF TD 6_PTS	ONLY A MTHS OF TO 1	Gas Availai	MTHS OF TD 19_PTS ON BLE FOR QUESTION 8:	· _ /
40140	7 NA/ Donartme	ent of <u>w</u>	Monthester INSPECTOR'S SIGNATU	shell
DATE RELEA	SEnvironmental Pr	otection	INSPECTOR'S SIGNATO	Œ



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 Joe Manchin III, Governor Randy C. Huffman, Cabinet Secretary www.wvdep.org

February 27, 2009

WELL WORK PERMIT

New Well

This permit, API Well Number: 47-4902013, issued to WACO OIL & GAS CO 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 of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 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: HENDERSHOT 1914

Farm Name: HENDERSHOT, TERRY

API Well Number: 47-4902013

Permit Type: New Well
Date Issued: 02/27/2009

Promoting a healthy environment.

STATE OF WEST VIRGINIA

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK DEPMIT ADDITION: **WELL WORK PERMIT APPLICATION**

1)	Well Operator: Waco Oil & Gas Co. Inc.	49-3-457
2)	Operator's Well Number : Hendershot 1914	3) Elevation: 1077
4)	Well type : (a) Oil ☐ or Gas ☒ (b) If Gas: Production ☒ Underground Stor Deep ☐ Shallow	
5)	Proposed Target Formation(s) : Marcellus	
6)	Proposed Total Depth: 7500 feet	

Approximate fresh water strata depths: 96

8) Approximate salt water depths: 1627

9) Approximate coal seam depths: 377

10) Does land contain coal seams tributary to active mine? Yes ☐ No ☒

Proposed Well Work: Drill and stimulate new well. 11)

12)

7)

CASING AND TUBING PROGRAM

SPI	ECIFICATION	ONS	FOOTAGE	NTERVALS	CEMENT
		Weight		Left in	Fill-Up
Size	Grade	Per Ft.	For Drilling	Well	(Cubic Ft.)
113/4or9/5/8	API	32 or 26 lb	430	430	CTS
85/8 or 7	API	23 or 17 lb	1680	1680	CTS
5 1/2	API	15 lb	7500	7500	300 sks.
				-0	
				ENER	
	Size 113/4or9/5/8 85/8 or 7	Size Grade 113/4or9/5/8 API 85/8 or 7 API	Size Grade Per Ft. 113/4or9/5/8 API 32 or 26 lb 85/8 or 7 API 23 or 17 lb	Size Grade Weight Per Ft. For Drilling 113/4or9/5/8 API 32 or 26 lb 430 85/8 or 7 API 23 or 17 lb 1680 5 1/2 API 15 lb 7500	Size Grade Weight Per Ft. For Drilling Left in Well 113/4or9/5/8 API 32 or 26 lb 430 430 85/8 or 7 API 23 or 17 lb 1680 1680 5 1/2 API 15 lb 7500 7500

PACKERS: Kind Size 90692 S Dep	hs Set PEB 2 4 2009	
650	For Office of Oil and Gas Use Only Well Work Permit Reclamation Fund Find The Protection WPCP WW-9 WW-2B Bond Agent	•
Fee(s) paid:	☐ Well Work Permit ☐ Reclamation Fund WPCP	
☐ Plat	☐ WW-9 ☐ WW-2B ☐ Bond ☐ Agent (Type)	

Page 1 of Form WW2-A (6/94)File Copy

Subscribed and sworn before me this

My commission expires /2/14/2017

1) Date: 2/16/2009

2) Operator's well number

Hendershot 1914

API Well No: 47-49 - 02013 3)

State County Permit

State of West Virginia

James A. Haga

Gilmer County

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT **DIVISION OF ENVIRONMENTAL PROTECTION** OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

			_
4) Surface Owner(s) to be (a) Name Terry Hence Address RR3 Box 1 Mannington,WVa 26 (b) Name Address (c) Name Address	dershot W 175 1582) Coal Operator: Name N/A Address) Coal Owner(s) with Declara Name N/A Address Name Address	ation
6) Inspector Tristain Address 2310 Wi Clarksburg WVa 26 Telephone (304) –	lliams Ave 3301	e) Coal Lessee with Declarati Name N/A Address	on ,
<u>TO T</u>	HE PERSON(S) NAMED	ABOVE TAKE NOTICE THA	<u>.T:</u>
extract oil and gas OR Included is the information see page 2) I certify that as required and application, a location place; Personal Service (Continued Mail (Pos	ation required by Chapter at under Chapter 22 of the at, and accompanying doci	ag contract or contracts by what is a contract of contracts by what is a contract of the contr	the Code of West Virginia erved copies of this notice ne above named parties,
I have read and under the fany permit issued under the large penalty of the complete on this application mmediately responsible for complete.	rstand Chapter 22-6 and 3 application. y of law that I have pers n form and all attachmen obtaining the information	onally examined and am fats, and that based on my in the information.	miliar with the information equiry of those individuals tion is true, accurate, and
•	Well Operator Walls: Land Maddress P.O. B	Stephen E. Holloway Manager Box 397 ille, WV 26351	

ay of February, 2009

Notary Public

Operator's Well No. Hendershot

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 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 and gas are as follows:

≟Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book/Page
Terry Hendershot	Waco Oil & Gas Co. I	1/8	1015/105
		WED	
		1 209	1

Environmental Protection ₩ako (il & Gas Co., Inc.

Stephen E. Holloway

My Department of

Its: Land Manager

WW-2B1

Well No. Hewdershot 1914

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.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

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

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

X Co	ontractor Name	Reliance Laboratories, Bridgeport, WV
W	ell operator's priv	ate laboratory
	Well Operator _ Address	Waco Oil & Gas Co., Inc. PO Box 397
	Telephone	(304) 462-5741 Office of 2 1009
	_	Les inches

FOR OPERATOR'S USE ONLY: Below, or on an attached page Plist 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 underlying which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

^{*} There appears to be _____ potable water sources within 1,000', therefore, tests will be offered and samples taken as required.

HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147

(304) 354-7035 hupp@frontiernet.net FAX: (304) 354-6548

February 12, 2009

RE: Water Samples for Hendershot 1914

There appears to be four (4) potable water sources within 1,000' of Hendershot 1914, therefore tests should be offered and samples taken as required.

- Terry & Sara Hendershot RR 3 Box 175 Mannington, WV 26582 Tax Map 2 Parcel 20
- Donna FluhartyRR 3 Box 220Mannington, WV 26582Tax Map 2 Parcel 20.2
- 3. Daniel Kisamore RR 3 Box A-186 Mannington, WV 26582 Tax Map 3 Parcel 13
- 4. Jack & Evelyne Fluharty RR 3 Box 171 Mannington, WV 26582 Tax Map 3 Parcel 14

RECEIVED

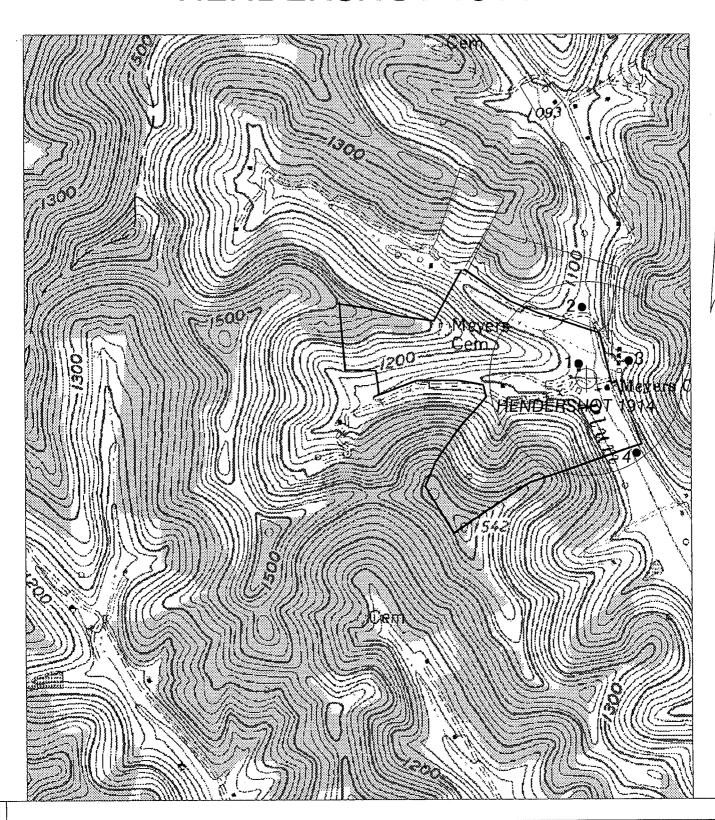
Poffice of Oil & Gas

WV Department of
Environmental Protection

Environmental Protection

Form W-9

Waco Oil & Gas Co., Inc. Page 1 of 1 HENDERSHOT 1914



HUPP Surveying & Mapping

P.O. BOX 647 CRANTSVILLE, WV 26147 PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

1'' = 1000'Mannington Quad WACO Oil & Gas Co., Inc. P.O. Box 397 Glenville, WV 26351

1914

Page of API Number 47 - 49 - 62013 Operator's Well No. Hendershot

STATE OF WEST VIRGINIA

DIVISION 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 Na	ame Wao Oil &	Gas Co. Inc				0	P Code		
Watershed	Plum Run	Quadra	angle Man	nnington 7	ī.5 '				
Elevation	1077	County Ma	arion	D	istrict	Lincoln			
Will a syntho	etic liner be use	ed in the pit?	yes.						
·	Undergr	oplication ound Injectio at API Numb Disposal (Su Explain Treat	n(UIC Pe per upply form	ermit Num) WW –9 fo	or dispe			ainder will b	e
Proposed W	/ork For Which Drilling Workov Other (er	sed:		abbing gging				
POLLUTION of Environm Violations o lead to enfo I cer submitted o individuals i accurate, ar including the Company C	tify that I under N PERMIT issumental Protection of any term and reement action tify under penain this application mediately resulted to possibility of the possibili	ed on June 1 n. I understa condition of t . Ity of law that on form and a sponsible for a m aware that fine or imprise Name) Steph	4, 1994, bund that the he general that the he all attachment there are comment.	y the Office provision I permit an ersonally ents there informate significa	ce of Ons of the nd/or of the examine examine eto and extend of the example of th	il and Gas ne permit a other appli- ed and an that, base	s of the Ware enforce cable law a familiar was ed on my cat the info	est Virginia eable by law or regulation with the infolinguiry of the	Division v. n can rmation ose true, nation,
Subseribed	and sworn before	ore me this _	/6 th _da	ay of Fe	bru	ary	•	, 1 ½ 700 9	<u>1</u>
My Commis	sion expires _	12/14/2017			COM State of Jam	CIAL SEA MISSIONE West Virgi es A. Haga ter County	R Inia	-	_

LEGEND

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

Proposed Revegetation Treatment: Acres Disturbed 2.5 Prevegetation pH

Lime 3 Tons/acre or to correct to pH 6.5

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

Mulch hay 2/ fiber 3/4 Tons/acre

Seed Mixtures

Area I		Area II		
Seed Type	Lbs/acre	Seed Type	Lbs/acre	
Orchardgrass	35			
Timothy	15			
Alsike Clover	5			

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:

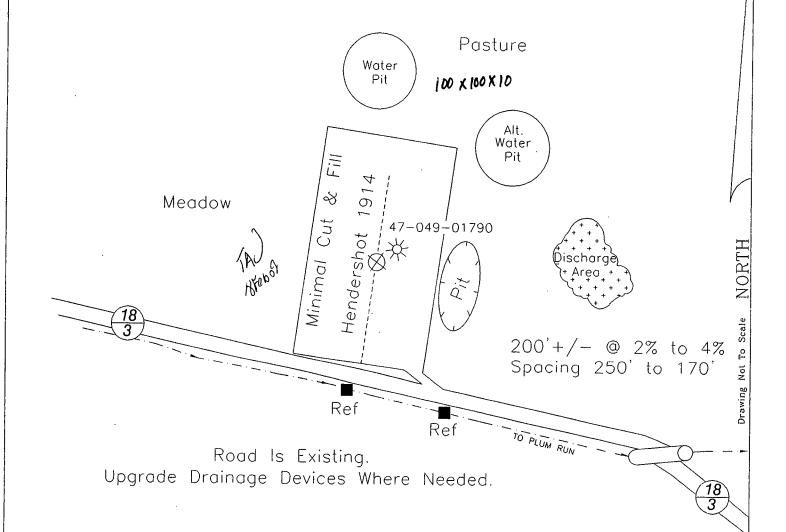
Title: 01/ + GAS FAS POCTO

Date: /3 Fe b 0 9

Form W-9

Waco Oil & Gas Co., Inc. Hendershot 1914

Page 1 of 1



Install Minimum 12" Culvert

ALL ROADS SHOWN MEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH DEP. DIL AND GAS BMP MANUAL ENTRANCES AT COUNTY-STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH V D.O.T. REGULATIONS. SEPARATE PERMISS MAY BE REGULATED BY THE D.O.T.

SEDIMENT BASINS TRAPS AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND DUTLETS AS REQUIRED IN THE VV DEP. DIL AND GAS BMP MANUAL. FIELD CONDITIONS (RDCK DUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTIALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

CONTRACTORS/COMPANY ARE RESPONSIBLE FOR LOCATING UTILITIES WHETHER SHOWN ON THIS PLAN OR NOT.

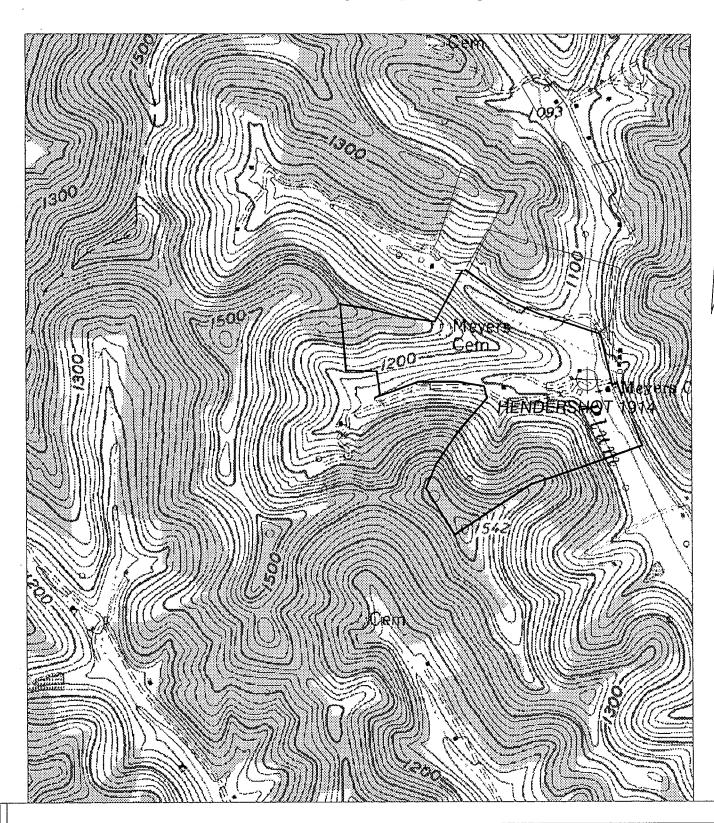
TEMPORARY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT AND STACK ALL TIMBER ABOVE 6-INCHES AND ABOVE.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

HUPP Surveying & Mapping	Drafted BY:	Date Drafted:	Job Number:
P.O. BOX 647 GRANTSVILLE, WV 26147 PH:(304)354-7035 E-MAIL: hupp@frontiernet.net	DB	02/11/09	W20061496

Form W-9 Waco Oil & Gas Co., Inc. Page 1 of 1 HENDERSHOT 1914



HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147 PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

1" = 1000'Mannington Quad WACO Oil & Gas Co., Inc. P.O. Box 397 Glenville, WV 26351

Instructions to Surface Owners (cont.)

If you do not own any interest I 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
Division of Environmental Protection
601 57th Street SE
Charleston, WV 25304
(304) 926-0450

OR) District Oil and Gas Inspector (Name and address listed on obverse

side of this notice)

<u>Time limits and methods for filing comments.</u> 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 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 (if you have a telephone), the well operator's name and well number, and the approximate location of the proposed well site including the district and county form 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.

<u>List of Water testing Laboratories.</u> 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 the surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW-2A, and attachments consisting of pages 1 through including a work order on Form WW-2B, 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 based on those materials.

(For execution by natural person)

(For execution by corporation, etc.)

Operator: WACO OIL & GAS CO INC

API: 4902013

WELL No: HENDERSHOT 1914

Reviewed by: Date: 2-25-09

15 Day End of Comment: W

CHECKLIST FOR FILING A PERMIT

New Well

	WW-2B
\square	Inspector signature on WW-2B
	WW-2A (Notarized)
	Certified Mail Receipts, Waivers, or Affidavits of Personal Service
	Surface Owner Waiver
	Coal Owner / Lessee /Operator Waiver
	WW-2A-1 (Signed) Showing Book/Page Number and Royalty Percentage
	WW-2B-1 (Names, addresses, and spot on topographical map listed as water testing)
	WW-9 (Page 1 & 2) (Notarized)
	Inspector Signature on WW-9
	Reclamation plan
	Topographic Map of location of well
	Mylar Plat (Signed and Sealed) (Surface owner on plat matches WW-2A)
	Bond
	Company is Registered with the SOS
	Worker's Compensation / Unemployment Insurance account is OK
\square	\$650.00 check (\$550.00 if no pit)
*	· ·