



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: 47-4902014, 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.

Operator: WACO OIL & GAS CO INC

Operator's Well No: ALAN 1991

Farm Name: HENDERSHOT, TERRY

API Well Number: 47-4902014Date Issued: 02/27/2009

Date Cancelled: 06/14/2013

Promoting a healthy environment.

IR - 26 (REV 08)

INSPECTORS PERMIT SUMMARY FORM

GPS YES [] NO []

	DERSHOT, TERRY N 1991
	N 1991
WATER DEPTHS: COAL DEPTHS	
QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL F	AND REGULATIONS 35CSR PERMIT.
POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PER	FORMANCE.
1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FO	//
A. CONSTRUCTION YES] NO [] (2_PTS)	(4_PTS)
B. DRILLING YES [NO [] (2_PTS)	
2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT E BEFORE DIRT WORK STARTED? YES [] NO [] (2_PTS)	BARRIERS (4_PTS)
3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES[] N	NO[] (4_PTS) (4_PTS)
4. CONSTRUCTIONS: WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY A. ROAD DITCHES (1)_(2)_(3)_(4)_(PTS) B. CROSS DRAINS C. CULVERTS (1)_(2)_(3)_(4)_(5)_(PTS) D. CREEK CROSSING E. DIVERSION DITCHES (1)_(2)_(3)_(PTS) F. BARRIERS G. TEMPORARY SEEDING YES[] NO[] (10_PTS) POINTS AVAILABLE FOR	(1)_(2)_(3)_(4)_(5)_(PTS) GS (1)_(2)_(3)_(PTS) (1)_(2)_(3)_(PTS)
5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [] NO []6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [] NO []	
_	(7_110)
7. RECLAMATION: A. ROADWAY (1)_(2)_(3)_(PTS) B. LOCATION C. PITS (1)_(2)_(3)_(PTS) D. PIPELINES E. TANK DIKES (1)_(2)_(3)_(PTS) F. API INSTALLED G. ADEQUATE SEEDING MATERIALS (1)_(2)_(3)_(PTS) H. WAS SEED BED ADEQUATE (1)_(2)_(3)_(PTS) POINTS AVAILABLE FOR	
8. WAS RECLAMATION COMPLETED WITHIN: 6 MTHS OF TD 6 PTS ONLY; 4 MTHS OF TD 12 PTS ONLY; 2 MTHS OF RECEIVED Office of Oil & Gas TOTAL MAXIMUM POSSIBLE SCORE OF 99.	FTD 19_PTS ONLY; QUESTION 8: (19_PTS)
ILINI 2 A 2013 TOTAL RECLA	MATION SCORE:
DATE RELEASED WV Department of Management of	OR'S SIGNATURE

RECORD INSPECTIONS TO THIS WELL ON PAGE 2



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: 47-4902014, 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: ALAN 1991

Farm Name: HENDERSHOT, TERRY

API Well Number: 47-4902014

Permit Type: New WellDate Issued: 02/27/2009

Promoting a healthy environment.

12)

STATE OF WEST VIRGINIA

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

1)	Well Operator: Waco Oil & Gas Co. Inc.	49-	3-457				
2)	Operator's Well Number : Alan 1991 3)	Elevation: 1419					
4)	Well type : (a) Oil ☐ or Gas ☒ (b) If Gas: Production ☒ Underground S Deep ☐ Sha	Storage []					
5)	Proposed Target Formation(s): Marcellus						
6)	Proposed Total Depth: 7500 feet						
7)	Approximate fresh water strata depths : 109						
8)	Approximate salt water depths: 1969						
9)	Approximate coal seam depths : 719						
10)	Does land contain coal seams tributary to active mine? Y	es ☐ No 🏻					
11)	Proposed Well Work: Drill and stimulate new well						

CASING AND TUBING PROGRAM

TYPE	SP	ECIFICATIO	ONS	FOOTAGE	NTERVALS	CEMENT	7
			Weight		Left in	Fill-Up	7
	Size	Grade	Per Ft.	For Drilling	Well	(Cubic Ft.)	
Conductor							7
Fresh Water							m
Coal	113/4or9/5/8	API	32 or 26 lb	770	770	CTS	1AV
Intermediate	85/8 or 7	API	23 or 17 lb	2010	2010	CTS	7 . , ,
Production	5 1/2	API	15 lb	7500	7500	300 sks.	7
Tubing							7
Liners						-0	1
			•	•	_111	20	

Liners			
PACKERS: Kind Size:			RECEIVED Office of Oil & Gas Office of Oil & TOI
650	For Office of C	Oil and Gas Use Only	entment or
Fee(s) paid:	☐ Well Work Permit	Reclamation Fund	W Department of Wironmental Protection Agent
☐ Plat	☐ WW-9 ☐ WW-2B	Bond (Type)	Agent Agent

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

1) Date: 2/16/2009

2) Operator's well number

Alan 1991

API Well No: 47- 49- 02014 3)

State County Permit

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	s) to be	served
--	----	-------------	---------	----------	--------

- Terry Hendershot W (a) Name Address RR3 Box 175 Mannington, WVa 26582
- (b) Name Address
- (c) Name Address
- 6) Inspector Tristain Jenkins Address 2310 Williams Ave Clarkeburg W/Va 26301

- 5) (a) Coal Operator: Name N/A Address
 - (b) Coal Owner(s) with Declaration Name N/A **Address**

Name Address

(c) Coal Lessee with Declaration Name N/A Address

	Telephone (304) – 552-3874	
	TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:	
(see pa	Included is the lease or leases or other continuing contract or contracts by which I hact oil and gas OR Included is the information required by Chapter 22, Article 6, Section 8(d) of the Core page 2) I certify that as required under Chapter 22 of the West Virginia Code I have served application, a location plat, and accompanying documents pages 1 through on the application.	de of West Virginia opies of this notice ve named parties,
•	□ Personal Service (Affidavit attached) □ Certified Mail (Postmarked postal receipt attached) □ Publication (Notice of Publication attached)	iment of
	Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the many permit issued under this application. I certify under penalty of law that I have personally examined and antifamiliar mitted on this application form and all attachments, and that based on my inquiry nediately responsible' for obtaining the information, I believe that the information is applete.	
·	I am aware that there are significant penalties for submitting false information, incline and imprisonment. Well Overator Waco Oil & Gas Co., Inc. Stephen E. Holloway Its: Land Manager Address P.O. Box 397 Glenville, WV 26351	
		FICIAL SEAL

My commission expires

Subscribed and sworn (before) this 16th day of February, 2009

State of West Virginia **Notary Public** James A. Haga **Gilmer County**

Form WW – 2A (1) (6/94)

Operator's Well No. Alan 1991

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
I.L. Morris	Waco Oil & Gas Co. I	1/8	1015/765
Mike Ross Inc	Waco Oil & Gas Co. I	1/8	1015/768
Gary & Marry Thomas	Waco Oil & Gas Co. I	1/8	1015/861
adina Evans	Waco Oil & Gas Co. I	1/8	1015/948
		ED	
		EN Cas	
		ECK Oil & Co	
		RECEIVED A 200	13

Office or UNIX 2009

WW Department of Environmental Protection

Well Operator: Waco Oil & Gas Co., Inc.

_ Stephen E. Holloway

Its: Land Manager

WW-2B1

Well No. HIGN	Well No. AlaN	1991
---------------	---------------	------

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 Contractor Name	Reliar	nce Laboratories, Bridgeport, WV
Well operator's pri	vate laboratory	
Well Operator	Waco Oil & Gas Co., I	Inc. Gas
Address	PO Box 397	JEC Oil & CO
	Glenville, WV 26351	Office of A 200
Telephone	(304) 462-5741	Carment Oction
		ogration of the

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list these 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 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 Alan 1991

There appears to be one (1) potable water sources within 1,000' of Alan 1991, therefore tests should be offered and samples taken as required.

David Chappell
 P.O. Box 23
 Mannington, WV 26582
 Tax Map 2 Parcel 24

RECEIVED

RECEIVED

Office of Oil & Gas

Office of Oil & Gas

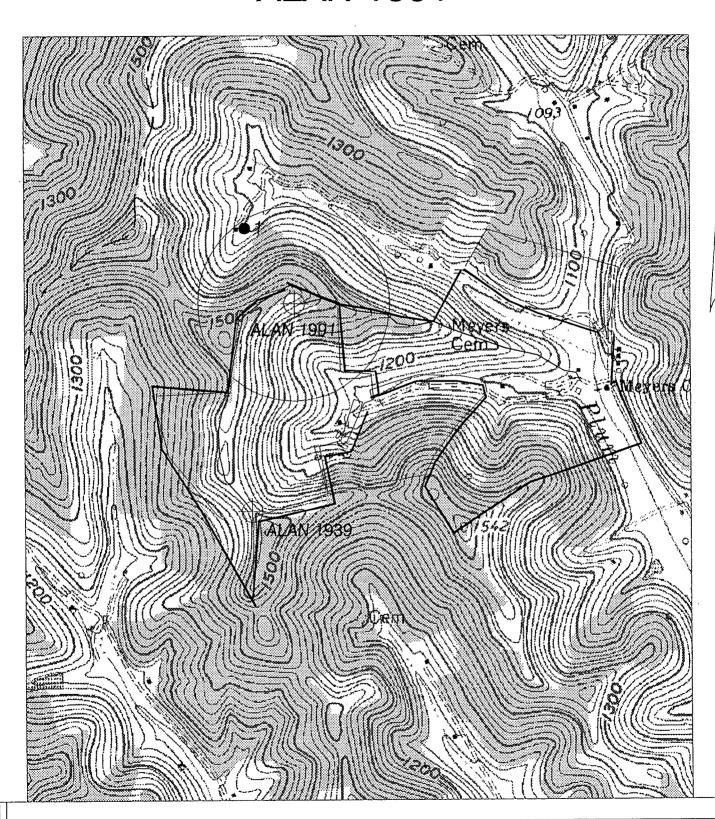
WW Department of

Environmental Protection

Environmental Protection

Form W-9

Waco Oil & Gas Co., Inc. Page 1 of 1 **ALAN 1991**



HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147 PH: (304)354-7035 E-MAIL: surveyor@depotItd.com

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

Page of API Number 47 - 49 - 0 2014 Operator's Well No. Alan 1991

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 N	ame Wao Oil &	Gas Co. Inc	C		Ol	P Code
Watershed	Trib. of Plum	Run	Quadrang	le Manningtor	7.5'	
Elevation	1419	County N	<i>M</i> arion	District	Lincoln	
Will a synth	etic liner be us	ed in the pit	? yes.			
·	Undergi Reuse (oplication round Injecti at API Num Disposal (S Explain Trea	ion (UIC Penber) Supply form \	rmit Number NW –9 for disp		on) The remainder will be
Proposed V	Vork For Which Drilling Workov Other (Used:)	Swabbing Plugging)	
POLLUTIO of Environn Violations of lead to enfor I ce submitted of individuals accurate, a including th Company of Company of	N PERMIT issumental Protection of any term and procement action rtify under penal on this application immediately resund complete. In the possibility of Difficial Signatur Difficial (Typed Difficial Title Land Complete Land Complete)	ed on June n. I undersi condition of l. lity of law th on form and sponsible fo am aware t fine or impri e Name) Step d Manager	14, 1994, by tand that the f the general at I have per all attachmer obtaining that there are sonment.	the Office of of provisions of the permit and/or esonally examinents thereto and information, significant permits the permit and permits the permits the permits the permits and permits the permits the permits and permits the permits and permits the permits and permits a	Oil and Gas the permit a other applic ned and am d that, base I believe th	e GENERAL WATER s of the West Virginia Division are enforceable by law. cable law or regulation can a familiar with the information ed on my inquiry of those lat the information is true, ubmitting the second of the control of the c
	and sworm bef	ore me this	16 th _da	y of Febru		Notary Public OFFICIAL SEAL COMMISSIONER State of West Virginia James A. Haga

LEGEND

Property Boundary	Diversion ////////////////////////////////////
Road	Spring
Existing Fence — X — X — X —	Wet Spot
Planned Fence — / — / — / — —	Drain Pipe with size in inches 12
Stream Drain	Waterway
Open Ditch>>	Cross Drain
Rock	Artificial Filter Strip XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
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		Are	a 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: /n

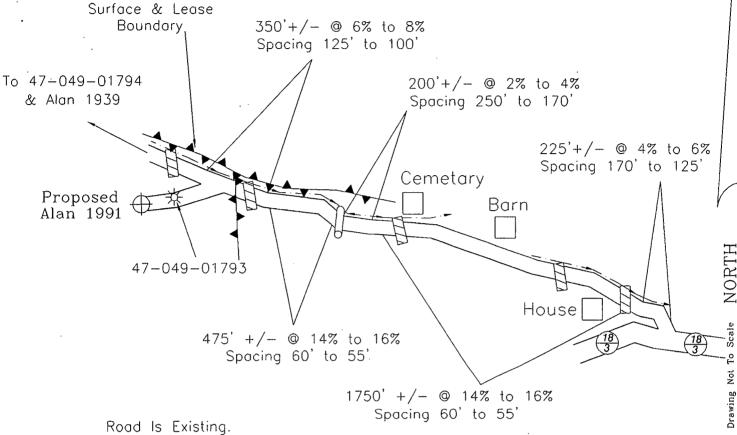
Title: oil & GA7 Inscort of

Date: 18 FC 6 09

Form W-9

Waco Oil & Gas Co., Inc. ALAN 1991

Page 1 of 1



Road Is Existing.
Upgrade Drainage Devices Where Needed.

____ Install Minimum 12" Culvert

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERVISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE VITH D.P. OIL AND GAS BHP MANUAL ENTRANCES AT COUNTY-STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE VITH VV D.D.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.D.T.

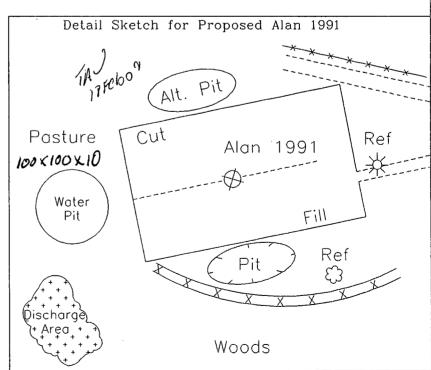
SEDIMENT BASINS TRAPS AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND DUTLETS AS REQUIRED IN THE VV D.E.P. DIL AND GAS BMP MANUAL. FIELD CONDITIONS ROCK DUTCRUPS AND BEDROCK'S MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL ERUSION 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.

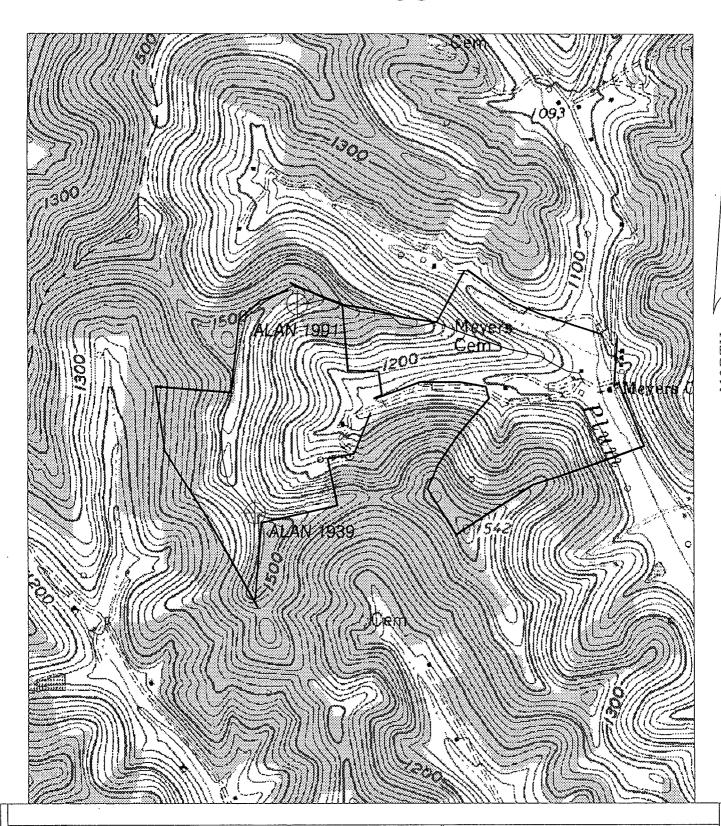
TEMPORARY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION CUT AND STACK ALL TIMBER ABOVE 6-INCHES AND ABOVE.

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	02/12/09	W20061495

Form W-9 Waco Oil & Gas Co., Inc. Page 1 of 1 **ALAN 1991**



HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147 PH: (304)354-7035 E-MAIL: surveyor@depotltd.com

1'' = 1000'Mannington Quad WACO Oil & Gas Co., Inc. P.O. Box 397 Glenville, WV 26 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.)

mannington				
Operator:	WACO OIL & C	GAS CO INC	·	
API:	4902014			
WELL No:	<u>ALAN 1991</u>			
Reviewed by:	<u>ta</u>	Date:	2-25-09	
15 Day End o	f Comment:	\mathcal{V}		

CHECKLIST FOR FILING A PERMIT

New Well

	WW-2B
$A \Box$	Inspector signature on WW-2B
	WW-2A (Notarized)
	Certified Mail Receipts, Waivers, or Affidavits of Personal Service
\square	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)
\square	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)