



1) Date: May 10, 19 83  
 2) Operator's Well No. Ware #1  
 3) API Well No. 47 - 021 - 4040  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

DRILLING CONTRACTOR:

I. L. Morris Well Service

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Glenville, WV 26351

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1146' Watershed: Pike Camp Run  
 District: Troy County: Gilmer Quadrangle: Auburn 7.5'
- 6) WELL OPERATOR Waco Oil & Gas Co., Inc. 11) DESIGNATED AGENT Kenneth Greenlief  
 Address 1297 N. Lewis Street Address 1297 N. Lewis Street  
Glenville, WV 26351 Glenville, WV 26351
- 7) OIL & GAS ROYALTY OWNER Russell Ware 12) COAL OPERATOR none  
 Address Cox's Mill, WV 26342 Address \_\_\_\_\_
- 8) SURFACE OWNER Russell Ware 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Cox's Mill, WV 26342 Name none  
 Acreage 30.52 Address \_\_\_\_\_  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address UNCOMMITTED
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Deo Mace Address \_\_\_\_\_  
 Address Rt. 1, Box 5  
Sandridge, WV 25274
- 15) PROPOSED WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, Benson-Elk
- 17) Estimated depth of completed well, 5350 feet
- 18) Approximate water strata depths: Fresh, 195 feet; salt, n/a feet.
- 19) Approximate coal seam depths: n/a Is coal being mined in the area? Yes X

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20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	ERW	20	X		600'	600'	165 sacks	CTS NEAT
Production	4 1/2	J-55	10.5	X			5300'	600 sacks	Depths set
Tubing									
Liners									Perforations: Top Bottom

- 21) EXTRACTION RIGHTS  
 Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS  
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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 IV-60.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.
- Notary: M. Lynn Chapman  
 My Commission Expires 16 September 1990
- Signed: Kenneth Greenlief Kenneth Greenlief  
 Its: Agent

OFFICE USE ONLY  
 Permit number 47-021-4040 DRILLING PERMIT Date May 11 19 83

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. 10) 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.)

Permit expires January 11, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>795</u>
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Administrator, Office of Oil and Gas



Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
 "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

**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 the 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.

Date: \_\_\_\_\_, 19\_\_\_\_ By \_\_\_\_\_  
 Its \_\_\_\_\_

NOTE: Keep one copy of this permit posted at the drilling location.

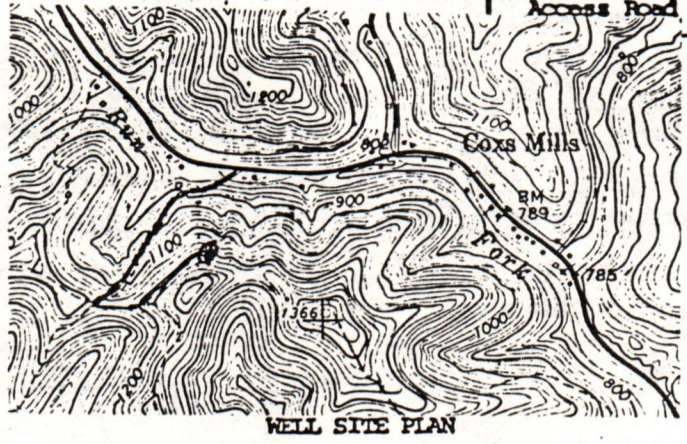


ATTACH OR PHOTOCOPY SECTION OF  
 INVOLVED TOPOGRAPHIC MAP.  
 QUADRANGLE AUBURN 7.5

**LEGEND**

Well Site ⊕

Access Road ———



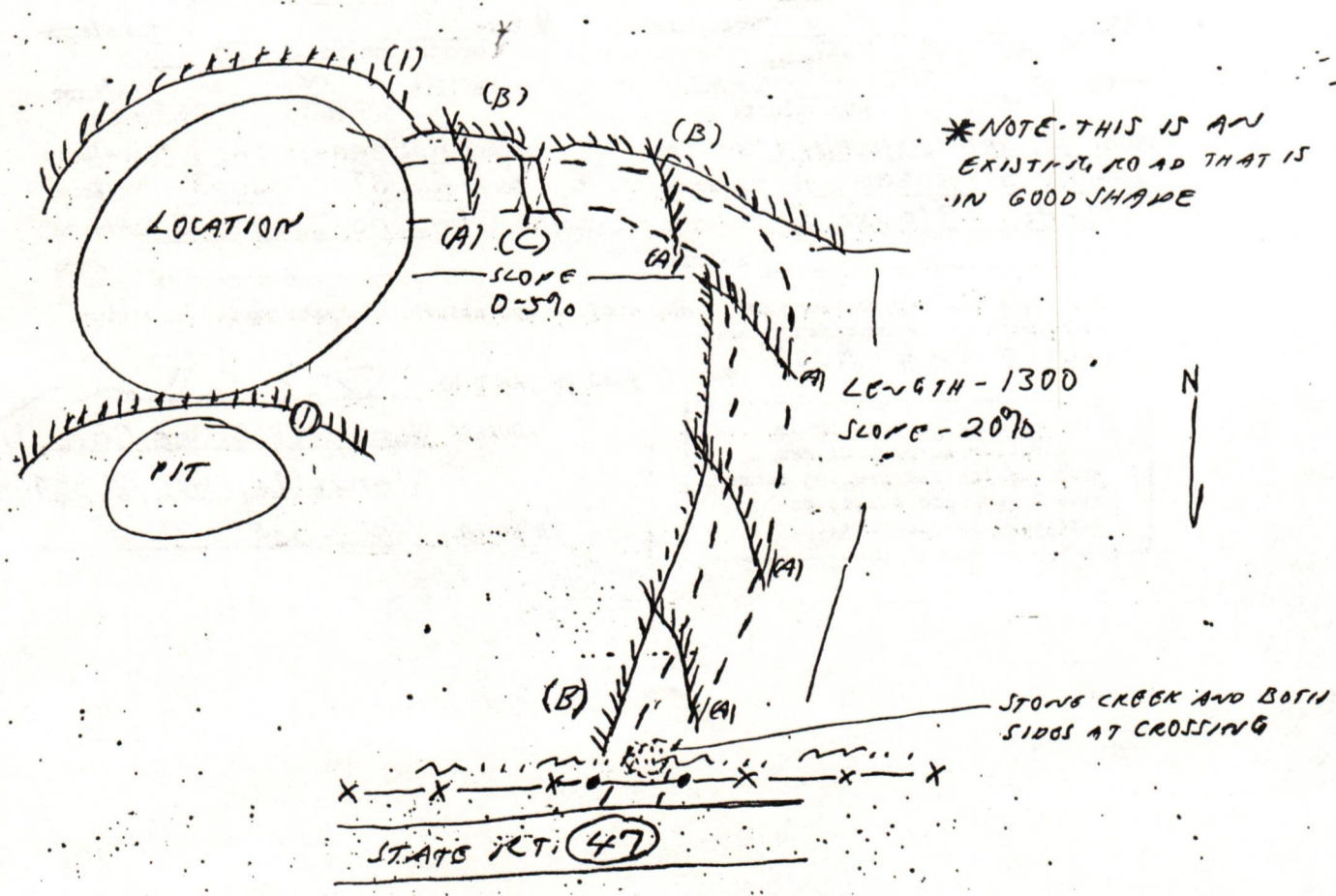
WELL SITE PLAN

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

Land Use: Pasture \_\_\_ Hayland \_\_\_ Cropland \_\_\_ Woodland X.

**LEGEND**

Property boundary ———▲———	North Arrow ↗
Road = = = = =	Diversion // // // // //
Existing fence — X — X —	Spring ○ →
Planned fence — / — / —	Wet Spot ☼
Stream ~ ~ ~ ~ ~	Building [ ]
Open Ditch —> —> —> —>	Drain pipe —○—>—○—>
Waterway ( —> —> —> —> )	







DATE MAY 6, 1983  
WELL NO. WARE 1A  
API NO. 47 - 021 - 4040

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Waco Oil & Gas Co., / DESIGNATED AGENT Kenneth Greenlief  
Address Glenville, WV 26351 Address Glenville, WV 26351  
Telephone 462-5347 Telephone 462-5347

LANDOWNER RUSSELL WARE - COX'S HILL, WV SOIL CONS. DISTRICT West Fork  
Revegetation to be carried out by Main Line Construction Co. (Agent)

This plan has been reviewed by West Fork SCD. All corrections  
and additions become a part of this plan: 5/9/83

→ PHONE # 462-5125

Kenneth E. Hight  
(Data)  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drains (A)  
Spacing 45 FT. & 135 FT. apart  
Page Ref. Manual 2-4

Structure Diversion Ditch (1)  
Material Earthen  
Page Ref. Manual 2-12

Structure DRAINAGE DITCH (B)  
Spacing EARTHEN - ALONG SIDE OF ROAD  
Page Ref. Manual 2-12

Structure \_\_\_\_\_ (2)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure CULVERTS (C)  
(according to Oil & Gas Manual)  
Spacing 15' MIN. AS REQUIRED  
Page Ref. Manual 2-7

Structure \_\_\_\_\_ (3)  
Material OIL & GAS DIVISION  
Page Ref. Manual DEPT. OF MINES

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.

REVEGETATION

Treatment Area I

\* Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch H. Seed-paper 3/4 Tons/acre  
Seed\* Ky 31 Fescue 35 lbs/acre  
Ladino Clover 5 lbs/acre  
\_\_\_\_\_ lbs/acre

Treatment Area II

\* Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch H. Seed-paper 3/4 Tons/acre  
Seed\* Ky 31 Fescue 35 lbs/acre  
Ladino Clover 5 lbs/acre  
\_\_\_\_\_ lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

\*According to pH test

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY [Signature]

ADDRESS Waco Oil & Gas Co., Inc.  
Glenville, WV 26351

PHONE NO. 462-5347



STATE OF WEST VIRGINIA, COUNTY OF Silmer To-wit:  
 I, Gary W. Ross  
 a Notary Public of said county of Silmer do certify  
 that Russell Ware and Irene M. Ware  
 his wife, whose names are signed to the writing above bearing date the 24<sup>th</sup> day of  
February, A. D. 1983 have this day acknowledged the same before me in my said county.  
 Given under my hand this 24<sup>th</sup> day of February, A. D. 1983

This instrument prepared by:  
Gary W. Ross  
WACO Oil & Gas Co., Inc.  
1297 N. Lewis St.  
Blount, WV 26351

Gary W. Ross  
 My Commission expires Dec. 7, 1992

STATE OF WEST VIRGINIA, COUNTY OF \_\_\_\_\_ To-wit:  
 I, \_\_\_\_\_  
 a \_\_\_\_\_ of said county of \_\_\_\_\_ do certify  
 that \_\_\_\_\_ and \_\_\_\_\_  
 his wife, whose name \_\_\_\_\_ signed to the writing above bearing date the \_\_\_\_\_ day of \_\_\_\_\_  
 \_\_\_\_\_, A. D. 19\_\_\_\_ ha\_\_\_\_\_ this day acknowledged the same before me in my said county.  
 Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, A. D. 19\_\_\_\_

My Commission expires \_\_\_\_\_

STATE OF WEST VIRGINIA, COUNTY OF \_\_\_\_\_ To-wit:  
 I, \_\_\_\_\_  
 a \_\_\_\_\_ of said county of \_\_\_\_\_ do certify  
 that \_\_\_\_\_ and \_\_\_\_\_  
 his wife, whose name \_\_\_\_\_ signed to the writing above bearing date the \_\_\_\_\_ day of \_\_\_\_\_  
 \_\_\_\_\_, A. D. 19\_\_\_\_ ha\_\_\_\_\_ this day acknowledged the same before me in my said county.  
 Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, A. D. 19\_\_\_\_

My Commission expires \_\_\_\_\_

No. \_\_\_\_\_

**Oil and Gas Lease**

FROM \_\_\_\_\_

TO \_\_\_\_\_

Date Feb 1983

Term, 400 Years

Number of Acres \_\_\_\_\_

LOCATION \_\_\_\_\_

District \_\_\_\_\_

County \_\_\_\_\_

Received for Record \_\_\_\_\_ 19\_\_\_\_

Recorded \_\_\_\_\_ 19\_\_\_\_

In Book \_\_\_\_\_ Page \_\_\_\_\_

© CUSTO & BERRIS INC., SPEICER, W. VA. 2500-8/80



AGREEMENT, made and entered into the 24<sup>th</sup> day of February 1983 by and between Russell Ware and Irene M. Ware, his wife

County of Gilmer and State of West Virginia part of the first part, hereinafter called Lessors, whether one or more, and WACO Oil & Gas Co., Inc. part of the second part, hereinafter called Lessee.

WITNESSETH that the said Lessors for and in consideration of the sum of one Dollars to them in hand well and truly paid by the said Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of the said Lessee, to be paid, kept, and performed, have granted, demised, leased and let and by these presents do grant, demise, lease and let with covenants of quiet possession, and that they have the sole right so to grant and demise, unto the said Lessee, its successors and assigns, for the purpose of mining and operating for oil and gas, and of building tanks, stations, power plants, water stations and structures thereon to take care of the said products, and of laying pipe lines on, over and across the leased premises and other lands of Lessors, for the purpose of conveying oil, gas, steam or water therein from and to wells and pipe lines on the premises and on adjoining and adjacent farms, and rights of way for road ways over this and other land of Lessors.

all that certain tract of land situate in Tray District Gilmer County and State of West Virginia, on the waters of Pike Camp Run bounded as follows:

On the North by lands of new or formerly Maud Mason  
On the East by lands of new or formerly O.C. Mich & Maud Mason  
On the South by lands of new or formerly Russell Bush  
On the West by lands of new or formerly Buell Bush & E.R. Bush

Containing thirty-two and 00/100 (32.0) acres, more or less, reserving, however, therefrom all lands within two hundred feet of the resident buildings now on the premises on which no well shall be drilled by either party except by mutual consent.

It is agreed that this lease shall remain in force for the term of two years from this date and as long thereafter as oil or gas, or either of them, is produced from the said lands by the said Lessee, its successors and assigns.

In consideration of the premises the said party of the second part, covenants and agrees: 1st-to deliver to the credit of the Lessors, their heirs or assigns, free of cost, in the pipe line to which the Lessee may connect with its wells their

proportionate share of the equal one-eighth (1/8) part of all oil produced and saved from the leased premises; and second, to pay their proportionate share of one-eighth (1/8) of the value at the well of the gas from each and every gas well drilled on said premises, the products from which is marketed and used off the premises, said gas to be measured at a meter set on the farm.

The Lessee shall not be required in any event to increase the rate of said gas well payments or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by Lessors or their predecessor in title or otherwise. And any such outstanding royalty or interest shall first be deducted from the royalties and rentals above provided to be paid or delivered.

It is agreed by the parties hereto that the Lessee, its successors and assigns, shall have the right to use off the farm for such purposes as it may desire, "Casing Head Gas," (being gas produced from wells on the premises), but if said "casing head gas" or any part thereof should be manufactured into gasoline or other by-products by said company, said Lessors shall receive their

proportionate share of one-eighth of the net value at the factory of the gasoline and other by-products so manufactured.

The Lessors may lay a line to any gas well drilled on said land and take gas therefrom free for their own use for heat and light in one dwelling house on said land, out of any surplus gas over and above what Lessee, its successors and assigns, may require to operate the lease, and subject to the use, operation, pumping and right of abandonment of the well by Lessee, its successors and assigns; Lessors are to provide and use economical appliances and to use said gas at their own risk, subject to the reasonable rules and regulations of said Lessee, its successors and assigns, published at such time relating to such use of gas.

Lessee covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portion of the farm. And it is agreed that the leased premises may be fully and freely used by the Lessors for farming purposes, excepting such parts as are used by the Lessee in operating hereunder, and further, that the said Lessee may drill or not drill on said land, as it may elect, and that the consideration and rentals paid and to be paid constitute adequate compensation for such privileges.

The said Lessee covenants and agrees to pay a rental at the rate of \$4.00 per acre per annum annually

(\$128.00) Dollars ~~quarterly~~ in advance, beginning on immediately from this date, until, but not after, a well yielding royalty to the Lessors is drilled on the leased premises, and any rental paid for time beyond the date of completion of a gas well shall be credited upon the first royalty due upon the same and all rentals shall cease after the surrender of the lease as hereinafter provided for. All payments for delay, for gas produced and marketed, for gasoline and other by-products may be made direct to the Lessors or be deposited to their credit, or to the credit of their heirs and assigns, in

the Bank of \_\_\_\_\_ or by check mailed to Mr. Russell Ware at Cox Mills, WV 26342 P. O. \_\_\_\_\_ County, State of \_\_\_\_\_; such payments may also be made in the same manner to

who is hereby appointed agent for the lessors to receive the same.

As part consideration hereof Lessors agree to pay, and Lessees are authorized to deduct from any royalty payment, the Lessors' proportionate part of all the excise, depletion, privilege and/or production tax levied, assessed or charged on or against the oil and/or gas produced from said premises.

It is agreed that the Lessee is to have the privilege of using free sufficient water and gas from the said premises to run all machinery necessary for drilling and operating thereon and at any time to remove all machinery and fixtures placed on said premises; and further, upon the payment of (\$1.00) One Dollar at any time, by the party of the second part, or by its successors and assigns it or they shall have the right to surrender this lease for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms shall cease and determine, and this lease become absolutely null and void.

Lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the postoffice of a check, payable as above provided, for said last mentioned sum and all amount then due hereunder, shall be a full surrender and termination of this lease.

All provisions, of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

In Witness Whereof, the parties of this agreement have hereunto set their hands and seals the day and year first above written.

Witness: This lease does not include well #1  
X Russell Ware (Seal)  
X Irene M. Ware (Seal)

RECORDED  
MAY 10 1983  
OIL & GAS DIVISION  
DEPT. OF MINES



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

Balltown - 4154 to 3988 - 710 Gal. Hcl, 283 Bbl. Sand laden Fluid, (10,000# 80-100)  
(30,000# 20-40) 150 MCF CO<sub>2</sub>.

Speechly-Warren - 3287 to 3540 - 500 Gal. Hcl, 337 Bbl. Sand laden fluid,  
(10,000# 80-100) (30,000# 20-40) 150 MCF CO<sub>2</sub>.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	60	
Sand			60	73	
Sand, Shale & Red Rock			73	1961	Hole wet at 1777
Lime			1961	1983	1 1/2" stream water
Sand & Shale			1983	2000	
Big Lime			2000	2100	
Big Injun			2100	2160	
Sand & Shale			2160	3290	
Speechly			3290	3500	
Sand & Shale			3500	3910	
Balltown Section			3910	4040	-- TD

(Attach separate sheets as necessary)

Waco Oil & Gas Co., Inc.  
Well Operator

By: *Keith J. [Signature]*

Date: *Aug. 4, 1983*

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, sand, shale, limestone, etc. in the drill hole."



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OIL & GAS DIVISION  
DEPT. OF MINES  
State of West Virginia  
Department of Mines  
Oil and Gas Division

Date July 1, 1983  
Operator's  
Well No. Ware #1  
Farm Ware  
API No. 47 - 021 - 4040

IV-35  
Rev 8-81)

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production X / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 1146' Watershed Pike Camp Run  
District: Troy County Gilmer Quadrangle Auburn 7.5

COMPANY WACO Oil & Gas Co., Inc.  
ADDRESS 1297 N. Lewis St., Glenville, WV  
DESIGNATED AGENT Kenneth Greenlief  
ADDRESS Glenville, WV  
SURFACE OWNER Russell Ware  
ADDRESS Cox's Mills, WV 26342  
MINERAL RIGHTS OWNER Same  
ADDRESS Same  
OIL AND GAS INSPECTOR FOR THIS WORK Deo

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	632	632	160 sks
7			
5 1/2			
4 1/2		4021	355 sks
3			
2			
Liners used			

Mace ADDRESS Sandridge, WV 25274

PERMIT ISSUED May 11, 1983.  
DRILLING COMMENCED 5-17-83  
DRILLING COMPLETED 5-22-83

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Benson - Elk Depth 5350 feet  
Depth of completed well 4040 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 30 feet; Salt 1777 feet  
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Balltown, Speechly Pay zone depth See treatment feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 200 Mcf/d Final open flow Show Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 430 psig (surface measurement) after 48 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

GIL. 4040



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

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MAY 26 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 21-11048

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>WACO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Gilmer</u>	10			Size of _____
Drilling commenced <u>5-17-83</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names PK MORRIS # 7

Remarks:  
631' of 8 5/8" casing Dowell cemented.

5-18-83  
DATE

W. J. Mace  
DISTRICT WELL INSPECTOR







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED  
JAN 4 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-4048

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Waco

Address \_\_\_\_\_

Farm Waco

Well No. 1

District Troy County Get.

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:  
Location reclaimed & guess OK,  
Pit area slipping over Hill.

12-27-83  
DATE

Des Maco  
DISTRICT WELL INSPECTOR



Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED  
FEB 17 1982  
DEPT. OF MINES

**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ DATE \_\_\_\_\_ I hereby certify I visited the above well on this date.

\_\_\_\_\_ DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED  
APR 10 1984

OIL & GAS DIVISION  
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 21-4040

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company WACO

Address \_\_\_\_\_

Farm Ware

Well No. 1A

District Troy County Gil

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks: Pit area of location is slipping over hill.  
It had been reclaimed.  
Notified the Morris - will repair when weather permits.  
H-6-84

Wes Mace  
DISTRICT WELL INSPECTOR

DATE



2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED

JUL 10 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 21-4040

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>WACO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>WARE</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>TROY</u> County <u>GIL.</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks:  
*Slip has moved down hill toward Robert Pyles property, who is upset over situation. Waco has moved two tractors to site and will remove slip next week. (Weather permitting) Mr. Pyles is concerned that his house will be crushed, However, it does not appear that ~~serious~~ dangerous.*

DATE 7-6-84 4PM

W. Mace  
DISTRICT WELL INSPECTOR



2/16/82

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Packer			Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

DATE \_\_\_\_\_ I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR





RECEIVED  
OCT 23 1985

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
April 4, 1984

COMPANY Waco Oil & Gas Co., Inc.  
1297 N. Lewis Street  
Glenville, West Virginia 26351

PERMIT NO 021-4040 (5-11-83)  
FARM & WELL NO Ware #1  
DIST. & COUNTY Troy/Gilmer

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Des Mace  
DATE 10-16-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T.H. r. B.B.  
Administrator-Oil & Gas Division

October 29, 1985  
DATE



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED

JUL 17 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-4040

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company WACO

Address \_\_\_\_\_

Farm Ware

Well No. 1

District Troy County Gilmer

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:  
*Slip below location being removed.*  
*Robert Pyles, adjoining landowner, present & appears satisfied that his house will not be covered up by slip.*

7-11-84  
DATE

D. Mace  
DISTRICT WELL INSPECTOR







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED

DEC 27 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 21-4040

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company WACO

Address \_\_\_\_\_

Farm WARE

Well No. 1

District TROY County GIL

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:  
 WATER FROM LOCATION IS DIVERTED DOWN OVER SLIP AREA.  
 PART OF SLIP HAS MOVED & WILL CONTINUE IF WATER COURSE IS NOT CHANGED. STOPPED AT WACO HEADQUARTERS AND TOLD I L MORRIS WHO SAID HE WOULD SEND MEN TO CHANGE WATER COURSE THIS AFTERNOON.

DATE  
12-21-84

Dee Moore  
DISTRICT WELL INSPECTOR



2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner \_\_\_\_\_ Location \_\_\_\_\_ Amount \_\_\_\_\_ Packer \_\_\_\_\_ Location \_\_\_\_\_

PLUGS USED AND DEPTH PLACED			BRIDGES CONSTRUCTION-LOCATION	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD		RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED

JAN 30 1985

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-4040

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>WACO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Ware</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>Troy</u> County <u>Sid</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names T. Strait & D. talked to Phillip Reale of WACO about slip on well site.

Remarks: We agreed not to withhold permits if waco would make an effort to protect property of Robert Pyles from mud & rocks. By diverting all water possible from slip area, by removing rocks as it accumulates in road way above Pyle property, & by, if necessary, to place some pieces of equipment in road way above Pyle property, which would stop rolling rocks.

DATE 1-23-85

W. Mace DISTRICT WELL INSPECTOR

The company has not started any work on slip. I saw Kenny Greenleaf & Phillip Reale of waco, who said they would try to get work underway.

DATE 3-8-85

W. Mace DISTRICT WELL INSPECTOR



Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location		Amount	Packer	Location		
CEMENT-THICKNESS	PLUGS USED AND DEPTH PLACED		LEAD	CONSTRUCTION-LOCATION	CASING AND TUBING		
	WOOD-SIZE				RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

DATE \_\_\_\_\_ I hereby certify I visited the above well on this date.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED  
APR 2 - 1985

OIL & GAS DIVISION  
INSPECTOR'S WELL REPORT  
DEPT. OF MINES

Permit No. 21-4040

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company WACO

Address \_\_\_\_\_

Farm Ware

Well No. 1

District Troy County Gilmer

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:  
*Robert Stewart & I met I. L. Morris who said the slip at this location would be removed, weather permitting.*

~~3-25-85~~

DATE

3-25-85

*Wes Mace*

DISTRICT WELL INSPECTOR



2/16/82

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location	Amount	Packer	Location	
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED  
MAY 14 1985

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-4040

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>WACO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			Kind of Packer _____
Farm <u>WARE</u>	16			Size of _____
Well No. <u>1</u>	13			Depth set _____
District <u>TROY</u> County <u>GIL</u>	10			Perf. top _____
Drilling commenced _____	8 1/4			Perf. bottom _____
Drilling completed _____ Total depth _____	6 1/2			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16			Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	3			Liners Used _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: 5-7-85 placing culvert in creek  
crew removing slip & hauling away - 5-9-85  
5-10-85 Hauling dirt away from slip.

5-7-85  
5-9-85  
DATE  
5-10-85

D. W. Mace  
DISTRICT WELL INSPECTOR



FORM 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ DATE I hereby certify I visited the above well on this date.



RECEIVED

JUL 25 1984



IV-27  
9-83

OIL & GAS DIVISION STATE OF WEST VIRGINIA  
DEPT. OF MINES DEPARTMENT OF MINES

Date: JULY 16, 1984  
Well No: WARE 1  
API NO: 47 - 21 - 4040  
State County Permit

Oil and Gas Division  
NOTICE OF VIOLATION

WELL TYPE: Oil \_\_\_ / Gas \_\_\_ Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production X / Storage \_\_\_ / Deep \_\_\_ / Shallow X /

LOCATION: Elevation: \_\_\_\_\_ Watershed: PIKE CAMP  
District: TROY County: GILMER Quadrangle: \_\_\_\_\_

WELL OPERATOR WACO OIL & GAS DESIGNATED AGENT KENNY GREENBIEF  
Address \_\_\_\_\_ Address 1297 N. LEWIS ST.  
GLENNVILLE, WV 26031

The above well is being posted this 16 day of July, 1984, for a violation of Code 22-4-12B and/or Regulation \_\_\_\_\_, set forth in detail as follows:  
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*BECAUSE OF IMPROPERLY BUILDING THE DRILLING PIT, DURING CONSTRUCTION, IT HAS SLIPPED OVER THE HILLSIDE.*

*TREES, BRUSH, ROOTS, & ROCKS, WHICH SHOULD HAVE BEEN REMOVED PRIOR TO CONSTRUCTION, WERE COVERED UP IN THE FILL.*

*ALL LOOSE MATERIAL AGAINST THE HILLSIDE SHALL BE REMOVED.*

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until July 18, 1984, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Deo Mace

Oil and Gas Inspector

Address RT 1 BOX 5  
Sand Ridge WV 25274

Telephone: 695-7398



RECEIVED

JUL 31 1984

FORM IV-31  
9-83

OIL & GAS DIVISION  
DEPT. OF MINES

Date: July 24, 1984  
Operator's  
Well Number Ware 1  
API Well No.: 47 - 21 - 4040  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE: Oil \_\_\_\_\_ / Gas \_\_\_\_\_ / Liquid Injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
Underground  
If "Gas" - Production \_\_\_\_\_ / Storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_  
LOCATION: Elevation: \_\_\_\_\_ Watershed: \_\_\_\_\_  
District: Troy County: Putnam Quadrangle: \_\_\_\_\_  
WELL OPERATOR Waco DESIGNATED AGENT Kenny Gumbel  
Address \_\_\_\_\_ Address 708 Box 1247 N. Lewis Ex  
Blairsville W 26551

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 7-24, 1984,

The violation of Code § 82-4-12B heretofore found to exist on July 16, 1984, by Form IV-27, "Notice of Violation"  / Form IV-28, "Imminent Danger Order" \_\_\_\_\_ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

*Violation is abated, pending development of an acceptable grass sod that will prevent erosion.*

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Deo Mace  
Oil and Gas Inspector  
Address \_\_\_\_\_  
Telephone \_\_\_\_\_



RECEIVED

IV-27  
9-83

JAN 3 - 1985



OIL & GAS DIVISION  
DEPT. OF MINES

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Date: 12-26-84  
Well No: WARE 1  
API NO: 47-21-4040  
State County Permit

**Oil and Gas Division  
NOTICE OF VIOLATION**

140

WELL TYPE: Oil \_\_\_ / Gas X Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production \_\_\_ / Storage \_\_\_ / Deep \_\_\_ / Shallow X /

LOCATION: Elevation: \_\_\_\_\_ Watershed: \_\_\_\_\_  
District: Floyd County: Gilman Quadrangle: \_\_\_\_\_

WELL OPERATOR WACO O&G DESIGNATED AGENT Kenny Greenleaf  
Address \_\_\_\_\_ Address 1297 N. Lewis St.  
Glenville WV 26351

The above well is being posted this 26 day of DEC, 1984, for a violation of Code 22-4-12B and/or Regulation \_\_\_\_\_, set forth in detail as follows:  
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

LOCATION AND DRILLING PITS ARE TO BE CONSTRUCTED AND MAINTAINED TO PREVENT WATER RUN OFF FROM CARRYING AWAY DISTURBED SOIL. BECAUSE OF IMPROPER CONSTRUCTION AND INADEQUATE WATER CONTROL, A MAJOR SLIP HAS OCCURED, CAUSING SOIL TO BLOCK A PUBLIC USED ROAD, AND CAUSING SOIL TO WASH DOWN STREAM, AND PUTTING THE HOME OF ROBERT PYLES IN A HAZZARDOUS POSITION FROM ROCKS.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until Jan 2, 1985, to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Dee Grace  
Oil and Gas Inspector

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_



**RECEIVED**  
JAN 8 - 1985

OIL & GAS DIVISION  
DEPT. OF MINES

Date: JAN. 4, 1985  
Operator's Well Number: WARE 1  
API Well No.: No. 47 - 21 - 4040  
State County Permit

140

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES OFFICE OF OIL AND GAS  
**ORDER FOR FAILURE TO ABATE VIOLATION**

WELL TYPE: Oil \_\_\_\_\_ / Gas X / Liquid Injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
If "Gas" - Production X / Storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X  
LOCATION: Elevation: \_\_\_\_\_ / Watershed: \_\_\_\_\_  
District: TROY / County: GILMER / Quadrangle: \_\_\_\_\_  
WELL OPERATOR: WACO OIL & GAS

Address: \_\_\_\_\_  
DESIGNATED AGENT: KENNETH GREENLIEF  
Address: 1297 N. LEWIS ST GLENVILLE WV 26351

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on 1-4, 1985.

The violation of Code 22-4-12B, heretofore found to exist on DEC 26, 1984 by Form IV-27, "Notice of Violation" X, Form IV-28, "Imminent Danger Order" \_\_\_\_\_ of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

NO ATTEMPT HAS BEEN MADE TO ABATE THIS VIOLATION. THEREFORE, I REQUEST THAT WACO OIL & GAS BE PUT ON THE PERMIT DENIAL ORDER. AND THAT WHEN PERMITS ARE ISSUED THAT I BE GIVEN THE OPPORTUNITY TO COMMENT ON RECLAMATION PLANS BEFORE THE PERMIT IS ISSUED.

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

- \_\_\_\_\_ To continue cessation of operations until the imminent danger is fully abated.
- X To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

D. M. Moore  
Oil and Gas Inspector

PURCHASER: \_\_\_\_\_ Address: \_\_\_\_\_  
Address: \_\_\_\_\_ Telephone: \_\_\_\_\_

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)



5-10-83

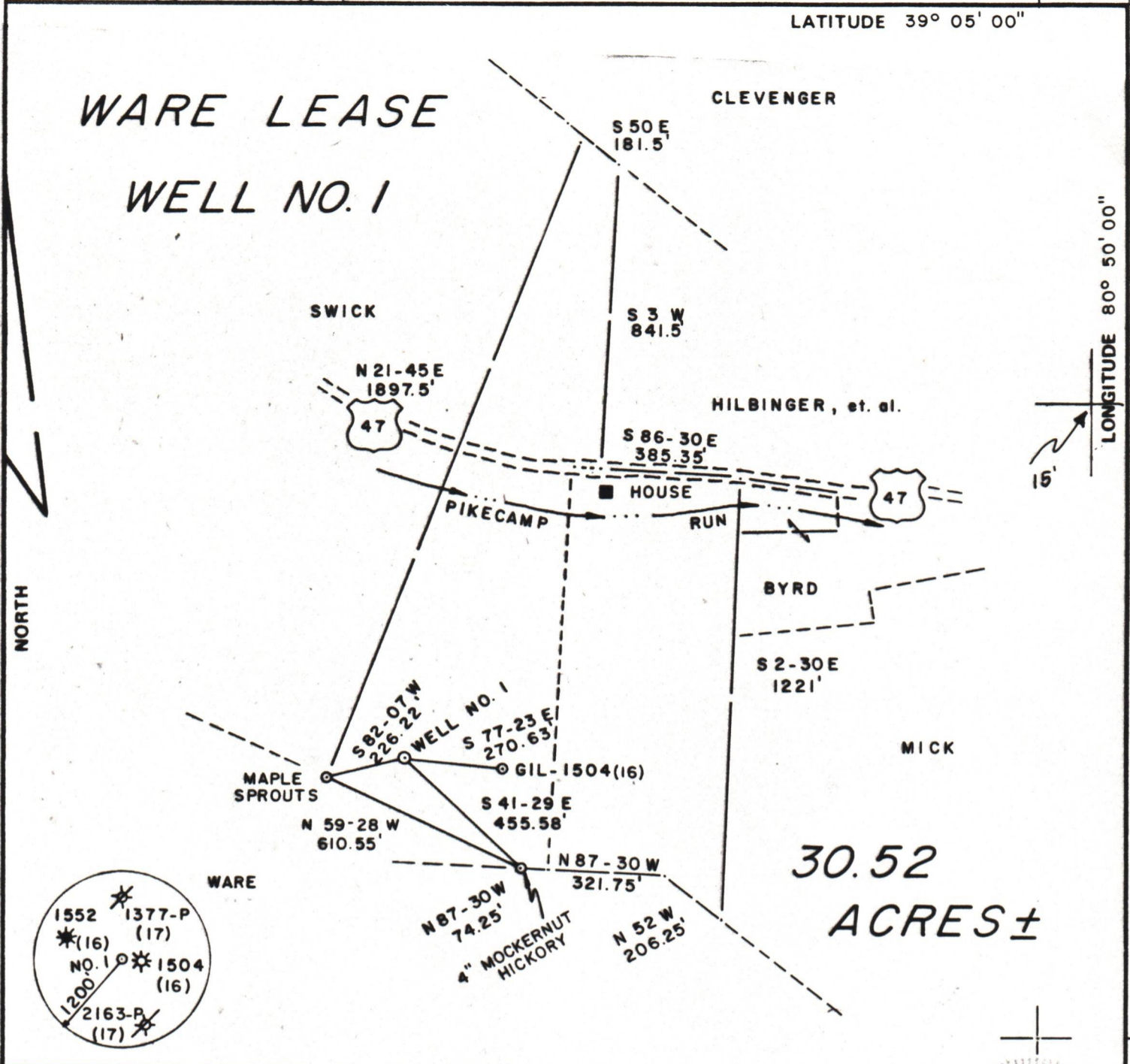
1,250'

LATITUDE 39° 05' 00"

LONGITUDE 80° 50' 00"

14, 330'

# WARE LEASE WELL NO. 1



## 30.52 ACRES ±

FILE NO. 10-61  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 / 200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB  
 ELEV. 1366'

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.  
 (SIGNED) Gregory A. Smith  
 R.P.E. \_\_\_\_\_ L.L.S. 677

PLACE SEAL HERE

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



DATE MAY 4, 19 83  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47-021-4040  
 STATE 47 COUNTY 021 PERMIT 4040

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1146' WATER SHED PIKECAMP RUN  
 DISTRICT TROY COUNTY GILMER  
 QUADRANGLE AUBURN 7.5'  
 SURFACE OWNER RUSSEL & IRENE WARE ACREAGE 30.52  
 OIL & GAS ROYALTY OWNER RUSSEL & IRENE WARE LEASE ACREAGE 30.52  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION BENSON ESTIMATED DEPTH 5350'  
 WELL OPERATOR WACO OIL & GAS, INC. DESIGNATED AGENT KENNY GREENLIEF  
 ADDRESS P.O. BOX 4 ADDRESS P.O. BOX 4  
GLENVILLE, WV 26351 GLENVILLE, WV 26351

GIL. 4040