

RECEIVED
OCT 19 1984



1) Date: September 28, 19 84
 2) Operator's Well No. Waco #322-Woofter "B" Lease
 3) API Well No. 47 - 021- 4267
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 OIL & GAS DIVISION
 DEPT. OF MINES
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 805' Watershed: Little Kanawha River LK
 District: DeKalb County: Gilmer Quadrangle: Tanner 7.5'
- 6) WELL OPERATOR Waco Oil & Gas Co., Inc. 7) DESIGNATED AGENT Kenneth Greenlief
 Address 1297 N. Lewis Street 51800 Address 1297 N. Lewis Street
Glenville, WV 26351 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Deo Mace Name I.L. Morris Well Service, Inc.
 Address Route 1, Box 5 Address 1297 N. Lewis Street
Sandridge, WV 25274 Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Oriskany
- 12) Estimated depth of completed well, 6800' feet
- 13) Approximate trata depths: Fresh, 50' feet; salt, None feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes / No

15) 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	J	20	X		700'	700'	200 sacks	CTS Neat
Production	4 1/2	J	10.5	X			6800'	600 sacks-	Depths set
Tubing									or as req by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-021-4267 Date October 26 19 84

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

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires October 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>168</u>	<u>TS</u>	<u>MU</u>	<u>MU</u>	<u>1145</u>

Margaret J. Hesse
 Administrator, Office of Oil and Gas

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

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1988

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started	October 26	10-21-88
Completion of the drilling process		
Well Record received		
Reclamation completed		October 26, 1988

OTHER INSPECTIONS

Reason: _____

Reason: _____



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 DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

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 14) Approximate coal seam depths: None Is coal being mined in the area? Yes / No /

15) 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									Sizes	
Coal									Depths set	
Intermediate	<u>8 5/8</u>	<u>J</u>	<u>20</u>	<input checked="" type="checkbox"/>		<u>700'</u>	<u>700'</u>	<u>200 sacks CTS Neat</u>		
Production	<u>4 1/2</u>	<u>J</u>	<u>10.5</u>	<input checked="" type="checkbox"/>			<u>6800'</u>	<u>600 sacks-</u>		
Tubing								<u>or as req by rule 15.01</u>		
Liners									Perforations: Top Bottom	

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 the filing of the Application.

WAIVER

The undersigned coal operator October 26, 1986 / 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: 168 TS MW MW 1145, 19 _____

By Margaret J. Hesse

Its _____

12/01/2023
Coal Owner



IV-9
Revised 11-81

DATE September 6, 1984
WELL NO. Waco 322
API NO. 47-021-4267

Rec'd. (WFSCD)
SEP 10 1984

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME WACO Oil and Gas Co., INC.
Address Glenville, WV 26351
Telephone (304) 462-5347

DESIGNATED AGENT Kenneth Greenleaf
Address Glenville, WV 26351
Telephone (304) 462-5347
SOIL CONS. DISTRICT West Fork

LANDOWNER Hattie Woofler HRS.

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: 9/24/84 (Date)

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WFSCD.

Kenneth E. Knight
(SCD Agent)

LOCATION

Structure Drainage Ditch (A)
(Inside road cuts)
Spacing As shown on sketch
Page Ref. Manual 2-12

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

Structure Cross Drain (B)
0-5% - 135' apart; 10-12% - 60' apart; 12-13% - 60' apart
Spacing As shown on sketch with riprapped outlet
Page Ref. Manual 2-11

Structure Sediment Barrier (2)
Material Brush & Stone
Page Ref. Manual 2-16

Structure Road Culvert (8" min. I.D.) (C)
As shown on plan (According to O&G Manual)
Spacing at Natural Drains with riprapped outlet
Page Ref. Manual 2-7

Structure Filter Strip (3)
Material Undisturbed Nat. Vegetation
Page Ref. Manual 2-16

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.

Structure Sediment Barrier (D)
Material Hay or Straw bales (stacked)
Pg. Ref. Man. 2-16
REVEGETATION

* 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

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

Note:

Note:

*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 Kenneth L. Fisher
ADDRESS Waco Oil & Gas Co., Inc.
Glenville, WV 26351
PHONE NO. (304) 462-5347

Note: If access road and/or location is in a meadow, then seed with the following: (Orchardgrass - 10 lbs./ac. Red clover - 12 lbs./ac. Alsike clover - 4 lbs./ac.) if not then seed with above mixture.

12/01/2023

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OCT 19 1984
DEPT. OF MINES
OIL & GAS DIVISION

117B

SEP 10 1984
6527 (K. 2000)

West Fork
Highway

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. IN STAKE OF PLUS OR MINUS 3 PERCENT MAKES THE PLAN NOT SUITABLE TO BE USED.

Water outlet
Water outlet

Water outlet
Water outlet

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DEPT. OF MINING
AND RECLAMATION

Notes

Notes

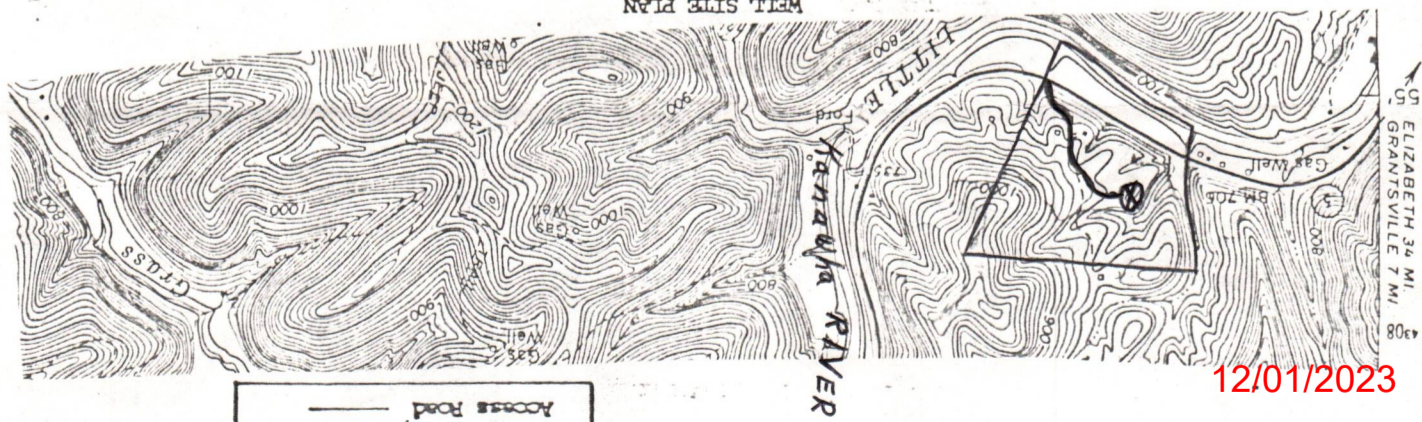
Note: If there is any other location in a watershed then
seed with the following:
Alfalfa Clover - 4 lbs/acre
Red Clover - 12 lbs/acre
Hardgrass - 10 lbs/acre
If not then

12/01/2023

seed with above mixture.

ATTACH OR PHOTOGRAPHY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Tanner 7.5

12/01/2023



LEGEND

Well Site

Access Road

Sketch to include well location, existing access road, roads to be constructed, length and slope of road, wellsite, 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

Road

Existing fence

Planned fence

Stream

Open ditch

Waterway

North Arrow

Diversion

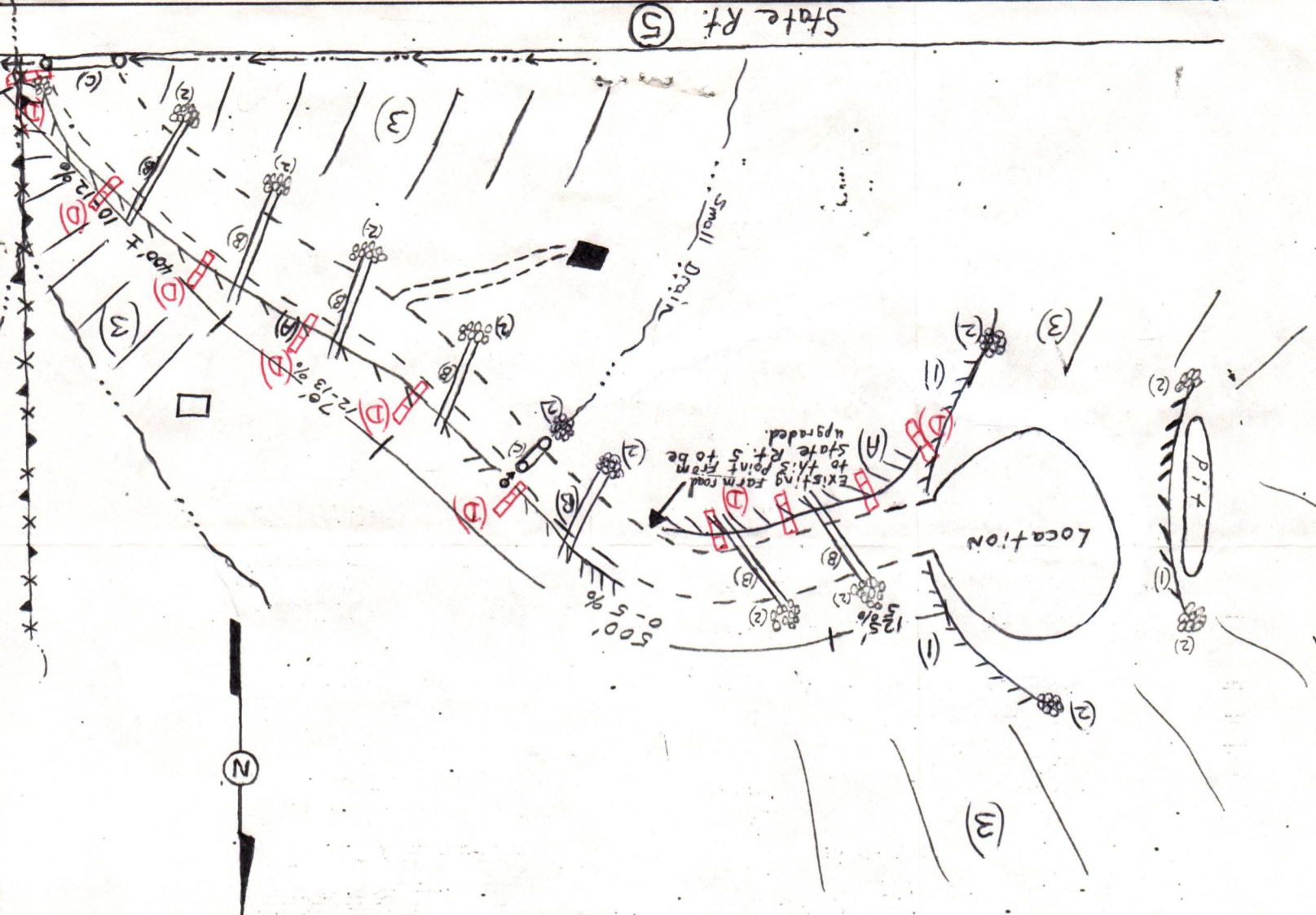
Spring

Wet Spot

Building

Drain pipe

Note: Topsoil is to be stockpiled and used in reclamation work.



State Rt. 5

1) Date: September 28, 19 84
2) Operator's
Well No. Waco #322-Woofter "B"Lease
3) API Well No. 47 - 021 - 4267
State County Permit

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

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name SEE ATTACHED LIST
Address
(ii) Name
Address
(iii) Name
Address

5(i) COAL OPERATOR N/A
Address
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name N/A
Address
Name
Address
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name N/A
Address

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

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

- 6) 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.)
- 7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

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

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

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Kenneth Greenlief
this 28 day of September, 19 84.
My commission expires 9/16, 19 90.
M Lynn Chapman
Notary Public, Gilmer County,
State of West Virginia

WELL
OPERATOR Waco Oil & Gas Co., Inc.
By Kenneth Greenlief
Its Agent
Address 1297 N. Lewis Street
Glenville, WV 26351
Telephone (304) 462-5347

12/01/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page

SEE ATTACHED LIST

Waco Oil & Gas Co., Inc. 1/8

SEE ATTACHED LIST

WOOFTER "B" LEASE

	<u>BOOK</u>	<u>PAGE</u>
Albert Woofter 125 West 7½ Street, Parkersburg, WV 26101	343	47
Cecil Bland 1929 Killion Drive Akron, OH 44314	342	712
Virginia Rafferty- 1929 Killion Drive Akron, OH 44314	342	712
Ruth Woofter 1929 Killion Drive Akron, OH 44314	342	712
Vercil Woofter, Attorney in Fact 3126 Brogle Road Barberton, OH 44203	342	718
Tommy Ross Gainer Route 77, Box 29A Glenville, WV 26351	333	251



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
CHARLESTON 25305

October 26, 1984

Theodore M. Streit, Administrator
Department of Mines
Office of Oil and Gas

RE: APPLICATION FOR PERMIT #47- 021 - 4267 TO DRILL DEEP WELL

COMPANY: WACO OIL & GAS COMPANY

FARM: HATTIE WOOFER ET AL

COUNTY: GILMER DISTRICT: DEKALB

The application of the above company is APPROVED FOR ORISKANY COMPLETION
(APPROVED - DISAPPROVED)

Applicant HAS complied with the provisions of Chapter twenty-two,
HAS - HAS NOT
four-A (§22-4A), of the Code of West Virginia, nineteen hundred and thirty-one
(1931), as amended, Oil and Gas Conservation Commission, as follows:

1. *Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; Yes*
2. *Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and, None*
3. *Provided a plat showing that the proposed location is a distance of 500+ feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location: None*

Very truly yours,

Brett Loflin
Brett Loflin (by rf)
Petroleum Engineer

LBL/rf

12/01/2023



IV-35
(Rev 8-81)

Date 11/29/84
Operator's
Well No. Waco #332
Farm Woofter "B"
API No. 47 - 021 - 4267

State of West Virginia
Department of Mines
Oil and Gas Division

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: 805 Watershed Little Kanawha River
District: DeKalb County Gilmer Quadrangle Tanner 7.5

COMPANY WACO OIL AND GAS CO., INC.
ADDRESS 1297 N. Lewis St., Glenville, WV
DESIGNATED AGENT Kenneth Greenlief
ADDRESS 1297 N. Lewis St., Glenville, WV
SURFACE OWNER Hattie Woofter, Hrs.
ADDRESS Akron, OH
MINERAL RIGHTS OWNER Hattie Woofter, Hrs.
ADDRESS Akron, OH
OIL AND GAS INSPECTOR FOR THIS WORK
Deo Mace ADDRESS Sandridge, WV
PERMIT ISSUED 10/26/84
DRILLING COMMENCED 10/27/84
DRILLING COMPLETED 11/02/84
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

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	675	675	to surface
7			
5 1/2		5150	600 sks
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Depth 6800 feet
Depth of completed well 5354 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 50,125⁸⁰⁵ feet; Salt 1580 feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Elk, Alexander, Benson Pay zone depth see treatment feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 1020 Mcf/d Final open flow show Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1450 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)
Second producing formation Riley Pay zone depth see treatment 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

(Continue on reverse side)

GIL
4267

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

Lower Elk - 5086 to 5091 - 500 Gal 15% Hcl, 10,000# 80-100, 20,000# 20-40, 20 MCF N₂
 Upper Elk - 4859 to 4873 - 500 Gal 15% Hcl, 10,000# 80-100, 20,000# 20-40, 40 MCF N₂
 Alexander - 4685 to 4720 - 500 Gal 15% Hcl, 40,000# 20-40, 40 MCF N₂
 Benson - 4449 to 4452 - 400 Gal 15% Hcl, 5,000# 80-100, 25,000# 20-40, 30 MCF N₂
 3rd Riley - 4301 to 4387 - 500 Gal, 15% Hcl, 10,000# 80-100, 20,000# 20-40, 30 MCF N₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil			0	2	Damp @ 50'
Sand and Shale			2	245	1/2" water @ 125'
Sand, Shale, Red Rock			245	1546	Damp @ 805'
Sand, Shale, Lime			1546	1679	
Big Lime			1679	1770	Damp @ 1580'
** Sand and Shale			1820	3046	
Speechly Section			3046	3440	
Balltown Section			3440	3998	
Riley Section			3998	4450	
Benson			4450	4460	
Shale			4460	4600	
Alexander			4600	4720	
Shale			4720	4857	
Upper Elk			4857	4880	
Shale			4880	5080	
Lower Elk			5080	5090	
Shale			5090	5354	TD
**Big Injun			1770	1820	

(Attach separate sheets as necessary)

WACO OIL & GAS CO., INC.

Well Operator

By: Kenneth Greenfield, Kenneth Greenfield 12/01/2023

Date: November 29, 1984

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 ..., encountered in the drilling of a well."

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

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NOV 7 - 1984

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

Permit No. 21-4267

Oil or Gas Well _____
(KIND)

Company Waco

Address _____

Farm _____

Well No. _____

District _____ County _____

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 30 feet DAMP feet

~~Salt water~~ FRESH 125 feet 1/2" feet

Drillers' Names A. L. Morris 7

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

Remarks:
674' 8 5/8" casing 190 SKS cement, Powell, 10-29-84
Good circulation.

10-29-84
DATE

D. L. Mac 12/01/2023
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: _____

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

DISTRICT WELL NO. 12/01/2023

10-26-84



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

RECEIVED
DEPARTMENT OF MINES
OIL AND GAS

APR 22 1986

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 13, 1985

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

PERMIT NO 021-4267
FARM & WELL NO Hattie Woofter #332
DIST. & COUNTY Dekalb/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 Strenght	_____	_____
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 Craig Duckworth

DATE 4/18/86

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. L. ...

Administrator, Oil & Gas Division

April 25, 1986
DATE

12/01/2023



Faint, illegible text in the upper middle section, possibly a header or title.

OK [illegible]

[illegible]

[illegible]

[illegible]

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Approved [illegible]

58/81/P

Handwritten signature or initials.



DEEP WELL EASEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 25th day of October, 1984, by and between ALBERT WOOFTER, single, hereinafter to as GRANTOR, and WACO OIL AND GAS COMPANY, INC., a West Virginia corporation, hereinafter referred to as GRANTEE.

WITNESSETH: That, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the adequacy of which is hereby acknowledged, the Grantor does hereby grant and convey unto the Grantee, its successors and assigns, and easement upon that certain real estate owned by the Grantor, situate in ^{DeKalb ATW} ~~Troy~~ District, Gilmer County, West Virginia, which said tract contains 75.5 acres, more or less, and is bounded now or formerly as follows:

- On the North by lands of Woofter and Bland,
- On the East by lands of C. Stalnaker,
- On the South by lands of W.V. Rt. 5,
- On the West by land of Woofter,

for the purpose of drilling a "deep well" upon said tract to be known as the Woofter No. 1 Well. Said well is to be located upon the tract as indicated on the attached plat. A "deep well" is defined as 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 greater than 6,000 feet, whichever is more shallow.

Grantors do grant permission and consent to Grantee to drill said "deep well" and conduct all operations necessary thereto upon the real estate described herein, all in compliance with West Virginia Code Section 22-4-7(b)(4).

Grantee covenants and agrees to repair and restore the lands damaged by the conducting of drilling operations thereon and to recontour the land as nearly as possible to its original contour and to reseed the same upon completion of its operations.

Witness the following signature(s).

12/01/2023

Albert J. Woofter
ALBERT WOOFTER

DEEP WELL EASEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 25 day of October, 1984, by and between CECIL BLAND, widow, hereinafter to as GRANTOR, and WACO OIL AND GAS COMPANY, INC., a West Virginia corporation, hereinafter referred to as GRANTEE.

WITNESSETH: That, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the adequacy of which is hereby acknowledged, the Grantor does hereby grant and convey unto the Grantee, its successors and assigns, and easement upon that certain real estate owned by the Grantor, situate in ^{Dekalb} ~~Tray~~ District, Gilmer County, West Virginia, which said tract contains 75.5 acres, more or less, and is bounded now or formerly as follows:

- On the North by lands of Woofter and Bland,
- On the East by lands of C. Stalnaker,
- On the South by lands of W.V. Rt. 5,
- On the West by land of Woofter,

for the purpose of drilling a "deep well" upon said tract to be known as the Woofter No. 1 Well. Said well is to be located upon the tract as indicated on the attached plat. A "deep well" is defined as 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 greater than 6,000 feet, whichever is more shallow.

Grantors do grant permission and consent to Grantee to drill said "deep well" and conduct all operations necessary thereto upon the real estate described herein, all in compliance with West Virginia Code Section 22-4-7(b)(4).

Grantee covenants and agrees to repair and restore the lands damaged by the conducting of drilling operations thereon and to recontour the land as nearly as possible to its original contour and to reseed the same upon completion of its operations.

Witness the following signature(s).

12/01/2023

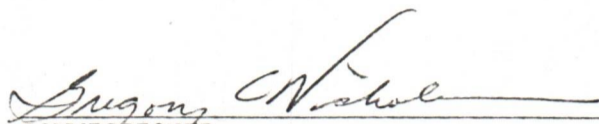
Cecil Bland

CECIL BLAND

STATE OF West Virginia
COUNTY OF Wood, TO-WIT:

I, Gregory C. Nicholson, a Commissioner for the State of West Virginia, do hereby certify that Albert J. Wooster whose name(s) are signed to the foregoing and hereto annexed writing, bearing date on the 25th day of October, 1984, have each this day acknowledged the same before me in my said county and state.

Given under my hand and official notarial seal this the 25th day of October, 1984.


COMMISSIONER

My commission expires September 19, 1992.

The foregoing instrument was prepared by
Philip A. Reale, Attorney at Law,
1297 N. Lewis St., Glenville, WV 26351

12/01/2023

STATE OF OHIO,
COUNTY OF Summit, TO-WIT:

I, Kenneth L. Fisher, a Commissioner for West Virginia in and for the county and state last aforesaid, do hereby certify that Cecil Bland whose name(s) is(are) signed to the foregoing and hereto annexed writing, bearing date as of the 25 day of October, 1984, has this day acknowledged the same before me in my said county and state.

Given under my hand this 25 day of October, 1984.

Kenneth L. Fisher
COMMISSIONER FOR WEST VIRGINIA

My commission expires: July 1, 1992.

The foregoing instrument was prepared by:
WACO OIL & GAS COMPANY, INC.
1297 N. Lewis St.,
Glennville, WV 26351

12/01/2023

DEEP WELL EASEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 25 day of October, 1984, by and between VIRGINIA RAFFERTY, widow, hereinafter to as GRANTOR, and WACO OIL AND GAS COMPANY, INC., a West Virginia corporation, hereinafter referred to as GRANTEE.

WITNESSETH: That, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the adequacy of which is hereby acknowledged, the Grantor does hereby grant and convey unto the Grantee, its successors and assigns, and easement upon that certain real estate owned by the Grantor, situate in ^{DeKalb} ~~Tracy~~ District, Gilmer County, West Virginia, which said tract contains 75.5 acres, more or less, and is bounded now or formerly as follows:

- On the North by lands of Woofter and Bland,
- On the East by lands of C. Stalnaker,
- On the South by lands of W.V. Rt. 5,
- On the West by land of Woofter,

for the purpose of drilling a "deep well" upon said tract to be known as the Woofter No. 1 Well. Said well is to be located upon the tract as indicated on the attached plat. A "deep well" is defined as 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 greater than 6,000 feet, whichever is more shallow.

Grantors do grant permission and consent to Grantee to drill said "deep well" and conduct all operations necessary thereto upon the real estate described herein, all in compliance with West Virginia Code Section 22-4-7(b)(4).

Grantee covenants and agrees to repair and restore the lands damaged by the conducting of drilling operations thereon and to recontour the land as nearly as possible to its original contour and to reseed the same upon completion of its operations.

Witness the following signature(s).

12/01/2023

Virginia Rafferty
VIRGINIA RAFFERTY

STATE OF OHIO,
COUNTY OF Summit, TO-WIT:

I, Kenneth L. Fisher, a Commissioner for West Virginia in and for the county and state last aforesaid, do hereby certify that Virginia Rafferty whose name(s) is(are) signed to the foregoing and hereto annexed writing, bearing date as of the 25 day of October, 1984, has this day acknowledged the same before me in my said county and state.

Given under my hand this 25 day of October, 1984.

Kenneth L. Fisher
COMMISSIONER FOR WEST VIRGINIA

My commission expires: July 1, 1992.

The foregoing instrument was prepared by:
WACO OIL & GAS COMPANY, INC.
1297 N. Lewis St.,
Glennville, WV 26351

12/01/2023

DEEP WELL EASEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 25 day of October, 1984, by and between RUTH WOOFTER, single, hereinafter to as GRANTOR, and WACO OIL AND GAS COMPANY, INC., a West Virginia corporation, hereinafter referred to as GRANTEE.

WITNESSETH: That, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the adequacy of which is hereby acknowledged, the Grantor does hereby grant and convey unto the Grantee, its successors and assigns, and easement upon that certain real estate owned by the Grantor, situate in ~~Way~~^{Dekalb} District, Gilmer County, West Virginia, which said tract contains 75.5 acres, more or less, and is bounded now or formerly as follows:

- On the North by lands of Woofter and Bland,
- On the East by lands of C. Stalnaker,
- On the South by lands of W.V. Rt. 5,
- On the West by land of Woofter,

for the purpose of drilling a "deep well" upon said tract to be known as the Woofter No. 1 Well. Said well is to be located upon the tract as indicated on the attached plat. A "deep well" is defined as 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 greater than 6,000 feet, whichever is more shallow.

Grantors do grant permission and consent to Grantee to drill said "deep well" and conduct all operations necessary thereto upon the real estate described herein, all in compliance with West Virginia Code Section 22-4-7(b)(4).

Grantee covenants and agrees to repair and restore the lands damaged by the conducting of drilling operations thereon and to recontour the land as nearly as possible to its original contour and to reseed the same upon completion of its operations.

Witness the following signature(s).

12/01/2023

Ruth Woofter
RUTH WOOFTER

STATE OF OHIO,
COUNTY OF Summit, TO-WIT:

I, Kenneth L. Fisher, a Commissioner for West Virginia in and for the county and state last aforesaid, do hereby certify that Ruth Woofter whose name(s) is(are) signed to the foregoing and hereto annexed writing, bearing date as of the 25 day of October, 1984, has this day acknowledged the same before me in my said county and state.

Given under my hand this 25 day of October, 1984.

Kenneth L. Fisher
COMMISSIONER FOR WEST VIRGINIA

My commission expires: July 1, 1992.

The foregoing instrument was prepared by:
WACO OIL & GAS COMPANY, INC.
1297 N. Lewis St.,
Glennville, WV 26351

12/01/2023

DEEP WELL EASEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 25 day of October, 1984, by and between VERCIL WOOFTER, Attorney-in-Fact, hereinafter to as GRANTOR, and WACO OIL AND GAS COMPANY, INC., a West Virginia corporation, hereinafter referred to as GRANTEE.

WITNESSETH: That, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the adequacy of which is hereby acknowledged, the Grantor does hereby grant and convey unto the Grantee, its successors and assigns, and easement upon that certain real estate owned by the Grantor, situate in ^{DeKALB} ~~FLOYD~~ District, Gilmer County, West Virginia, which said tract contains 75.5 acres, more or less, and is bounded now or formerly as follows:

- On the North by lands of Woofter and Bland,
- On the East by lands of C. Stalnaker,
- On the South by lands of W.V. Rt. 5,
- On the West by land of Woofter,

for the purpose of drilling a "deep well" upon said tract to be known as the Woofter No. 1 Well. Said well is to be located upon the tract as indicated on the attached plat. A "deep well" is defined as 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 greater than 6,000 feet, whichever is more shallow.

Grantors do grant permission and consent to Grantee to drill said "deep well" and conduct all operations necessary thereto upon the real estate described herein, all in compliance with West Virginia Code Section 22-4-7(b)(4).

Grantee covenants and agrees to repair and restore the lands damaged by the conducting of drilling operations thereon and to recontour the land as nearly as possible to its original contour and to reseed the same upon completion of its operations.

Witness the following signature(s).

12/01/2023

Vercil Woofter
VERCIL WOOFTER, Attorney-in-Fact

STATE OF OHIO,
COUNTY OF Summit, TO-WIT:

I, Kenneth L. Fisher, a Commissioner for West Virginia in and for the county and state last aforesaid, do hereby certify that Vercil Woofter, Attorney-in-Fact whose name(s) is(are) signed to the foregoing and hereto annexed writing, bearing date as of the 25 day of October, 1984, has this day acknowledged the same before me in my said county and state.

Given under my hand this 25 day of October, 1984.

Kenneth L. Fisher
COMMISSIONER FOR WEST VIRGINIA

My commission expires: July 1, 1992.

The foregoing instrument was prepared by:
WACO OIL & GAS COMPANY, INC.
1297 N. Lewis St.,
Glennville, WV 26351

12/01/2023

DEEP WELL EASEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 25 day of October, 1984, by and between TOMMY ROSS GAINER and Caroline Gainer, ^{his}wife, hereinafter to as GRANTOR, and WACO OIL AND GAS COMPANY, INC., a West Virginia corporation, hereinafter referred to as GRANTEE.

WITNESSETH: That, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the adequacy of which is hereby acknowledged, the Grantor does hereby grant and convey unto the Grantee, its successors and assigns, and easement upon that certain real estate owned by the Grantor, situate in ^{De Kalb} ~~Tracy~~ District, Gilmer County, West Virginia, which said tract contains 75.5 acres, more or less, and is bounded now or formerly as follows:

- On the North by lands of Woofter and Bland,
- On the East by lands of C. Stalnaker,
- On the South by lands of W.V. Rt. 5,
- On the West by land of Woofter,

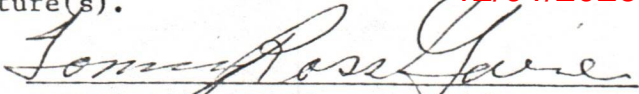
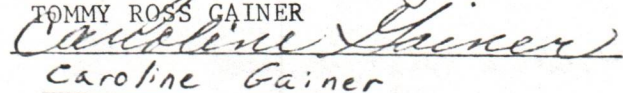
for the purpose of drilling a "deep well" upon said tract to be known as the Woofter No. 1 Well. Said well is to be located upon the tract as indicated on the attached plat. A "deep well" is defined as any well drilled and completed in a formation at or below the top of the uppermost member of the (Onondaga Group or at a depth greater than 6,000 feet, whichever is more shallow.

Grantors do grant permission and consent to Grantee to drill said "deep well" and conduct all operations necessary thereto upon the real estate described herein, all in compliance with West Virginia Code Section 22-4-7(b)(4).

Grantee covenants and agrees to repair and restore the lands damaged by the conducting of drilling operations thereon and to recontour the land as nearly as possible to its original contour and to reseed the same upon completion of its operations.

Witness the following signature(s).

12/01/2023


TOMMY ROSS GAINER

Caroline Gainer

STATE OF WEST VIRGINIA,
COUNTY OF GILMER, TO-WIT:

I, Kenneth L. Fisher, a Commissioner for West Virginia in and for the county and state last aforesaid, do hereby certify that Tommy Ross Gainer and Caroline Gainer whose name(s) is(are) signed to the foregoing and hereto annexed writing, bearing date as of the 25 day of October, 1984, has this day acknowledged the same before me in my said county and state.

Given under my hand this 25 day of October, 1984.

Kenneth L. Fisher
COMMISSIONER FOR WEST VIRGINIA

My commission expires: July 1, 1992.

The foregoing instrument was prepared by:
WACO OIL & GAS COMPANY, INC.
1297 N. Lewis St.,
Glennville, WV 26351

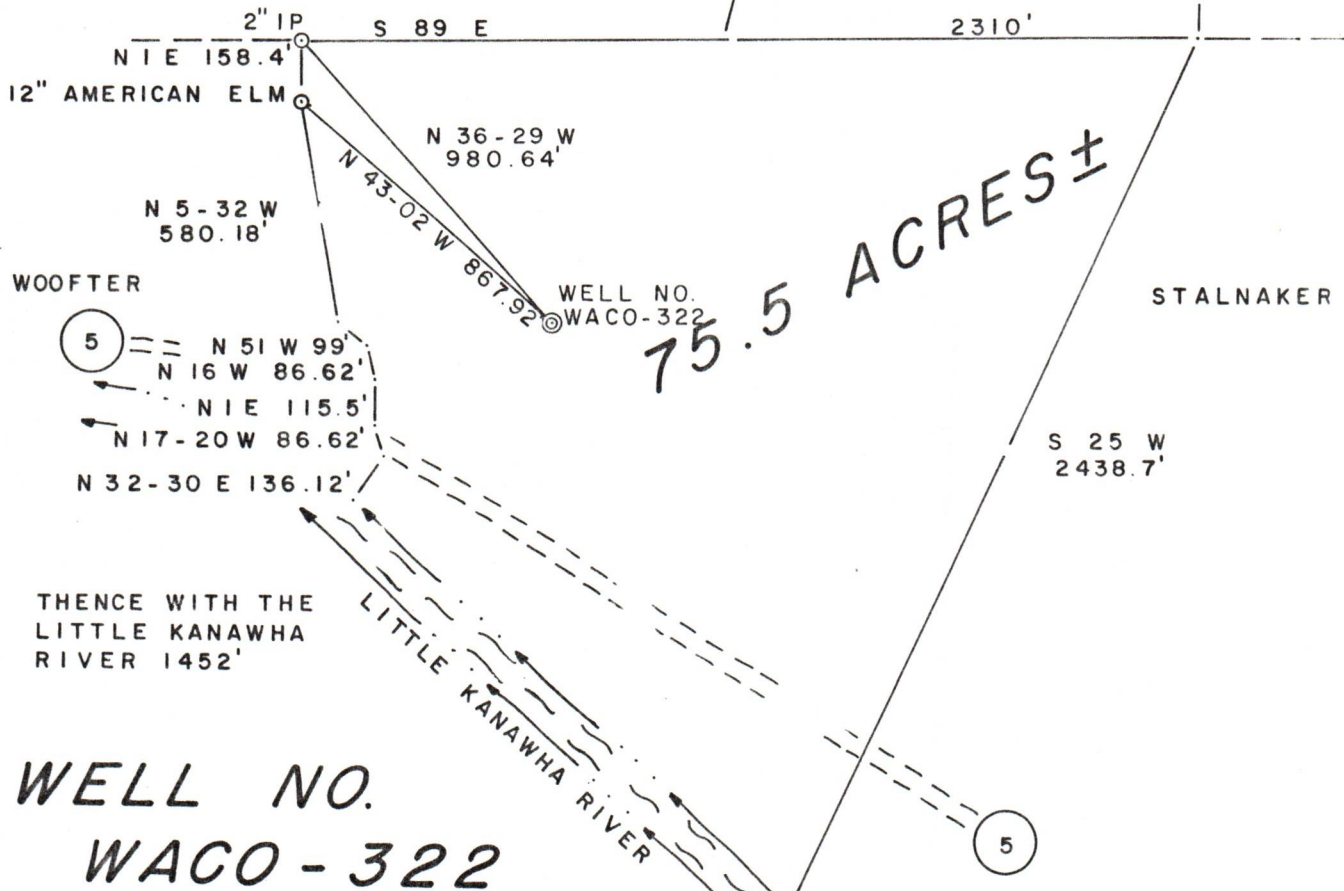
12/01/2023

WOOFTER "B" LEASE

LATITUDE 38° 57' 30"

WOOFTER

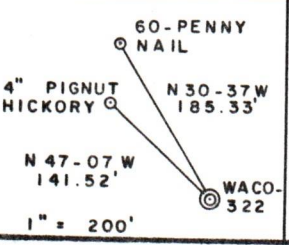
BLAND



LONGITUDE 80° 57' 30"

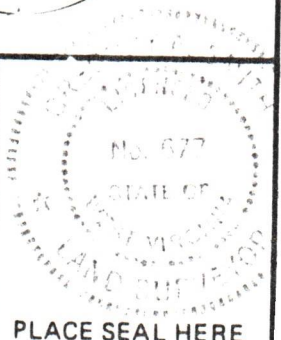
NORTH

REFERENCES



FILE NO. 14-41
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION BM ELEV. 706'

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



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



DATE JUNE 8, 19 84
OPERATOR'S WELL NO. WACO - 322
API WELL NO. 47-021-4267
STATE 47 COUNTY 021 PERMIT 4267

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 X SHALLOW ___
LOCATION: ELEVATION 805' WATER SHED LITTLE KANAWHA RIVER
DISTRICT DEKALB COUNTY GILMER
QUADRANGLE TANNER 7.5'
SURFACE OWNER HATTIE WOOFTER, et. al. ACREAGE 55.94
OIL & GAS ROYALTY OWNER HATTIE WOOFTER HRS. LEASE ACREAGE 75.5 LEASE NO. 12/01/2023
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION ORISKANY ESTIMATED DEPTH 6800'
WELL OPERATOR WACO OIL & GAS CO., INC. DESIGNATED AGENT KENNY GREENLIEF
ADDRESS P. O. BOX 4 ADDRESS P. O. BOX 4
GLENNVILLE, WV 26351 ADDRESS GLENNVILLE, WV 26351