



1) Date: August 8, 19 84
 2) Operator's Well No. Waco #335 - Zinn "H"
 3) API Well No. 47 - 021 - 4237
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 1119' Watershed: Road Run LK 75G
 District: Gilmer TROY County: Gilmer Quadrangle: Auburn 7.5'
- 6) WELL OPERATOR Waco Oil & Gas Co., Inc.
 Address 1297 N. Lewis Street
 Glenville, WV 26351
- 7) DESIGNATED AGENT Kenneth Greenlief
 Address 1297 N. Lewis Street
 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Deo Mace
 Address Route 1, Box 5
 Sandridge, WV 25274
- 9) DRILLING CONTRACTOR:
 Name I. L. Morris Well Service, Inc.
 Address 1297 N. Lewis Street
 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, Elk
- 12) Estimated depth of completed well, 5600 feet
- 13) Approximate trata depths: Fresh, 200 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		820'	820'	175 sacks	RTS
Production	4 1/2	J	10.5	X			5600'	500 sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-021-4237

August 29, 19 84
 Date

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 August 29, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: 168 BLANKET	Agent: <i>LS</i>	Plat: <i>MH MH</i>	Casing	Fee 1123
----------------------	------------------	--------------------	--------	----------

Margaret J. Nasse
 Administrator, Office of Oil and Gas

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

OFFICE USE ONLY

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

1. LOCATION: 1297 N. Lewis Street, Clensville, WV 26031
 2. WELL OPERATOR: Waco Oil & Gas Co., Inc.
 3. DRILLING CONTRACTOR: I. I. Morris Well Services, Inc.
 4. PROPOSED WELL WORK: Drill 2 1/2" drill pipe, perforate new formation.
 5. OTHER PHYSICAL CHANGE IN WELL (Specify): None
 6. APPROXIMATE OIL AND GAS RESERVE: None
 7. APPROXIMATE TRAP DEPTH (feet): 200
 8. ESTIMATED DEPTH OF COMPLETED WELL (feet): 2600
 9. APPROXIMATE OIL AND GAS RESERVE: None

DATE	DEPTH (feet)	LOGGING	TESTING	PERFORATION	COMPLETION
8/28	1	20'	X		
8/28	2	10.5'	X		
		175 sacks			
		200 sacks			

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	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason: _____
 Reason: _____



1) Date: August 8, 19 84
 2) Operator's Well No. Waco #375 - Zinn "H"
 3) API Well No. 47 021
 State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1119' Watershed: Road Run
 District: Gilmer County: Gilmer Quadrangle: Auburn 7.5'
- 6) WELL OPERATOR Waco Oil & Gas Co., Inc. 7) DESIGNATED AGENT Kenneth Greenleaf
 Address 1297 N. Lewis Street 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 X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, ELK
- 12) Estimated depth of completed well, 5600 feet
 13) Approximate trata depths: Fresh, 200 feet; salt, none feet.
 14) Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No X /
- 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	<u>8 5/8</u>	<u>J</u>	<u>20</u>	<u>X</u>		<u>820'</u>	<u>820'</u>	<u>175 sacks</u>	
Production	<u>4 1/2</u>	<u>J</u>	<u>10.5</u>	<u>X</u>			<u>5600'</u>	<u>500 sacks</u>	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

I. L. Morris Date: 8-10-84
 (Signature)
 _____ Date: _____
 (Signature)

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

1) Date: August 8, 19 84
2) Operator's Well No. Waco #335 - Zinn "H"
3) API Well No. 47 - 021 - 4237
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 Scott Zinn
Address Cox's Mills, WV 26342
(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 8 day of August, 1984.
My commission expires 9/16, 1990.

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

09/29/2023

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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Scott Zinn	Waco Oil & Gas Co., Inc.	1/8	344/168
Mary Alice Lockard	Waco Oil & Gas Co., Inc.	1/8	344/168



IV-9
Revised 11-81

DATE July 17, 1984
WELL NO. Waco - 335
API NO. 47 - 021 - 4237

Rec'd. (WFSCD)
JUL 20 1984

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Waco Oil & Gas Co., Inc.
Address Glennville, WV 26351
Telephone (304) 462-5347
LANDOWNER Scott Zinn

DESIGNATED AGENT Kenneth Corcoran
Address Glennville, WV 26351
Telephone (304) 462-5347
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: 8/3/84 (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)

ON SITE REVIEW
7/30/84

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

Structure DIVERSION DITCH (1)
Material Earthen
Page Ref. Manual 2-12

Structure CROSS DRAIN (B)
5'-8" - 105' Apart, 5" - 135' Apart
Spacing as shown on sketch
with riprapped outlet
Page Ref. Manual 2-1

Structure SEDIMENT BARRIER (2)
Material Brush & Stone
Page Ref. Manual 2-16

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

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.

REVEGETATION

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

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

PLAN PREPARED BY

SEP Nolle

ADDRESS Waco Oil & Gas Co., Inc.
Glennville, WV 26351
PHONE NO. (304) 462-5347

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

09/29/2023

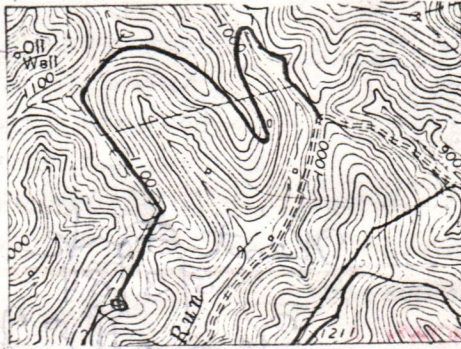
IV-9 REVERSE
 Revised 11-81

ATTACH OR PHOTOCOPY SECTION OF
 INVOLVED TOPOGRAPHIC MAP.
 QUADRANGLE August 7.5'

LEGEND

Well Site \oplus

Access Road



WELL SITE PLAN

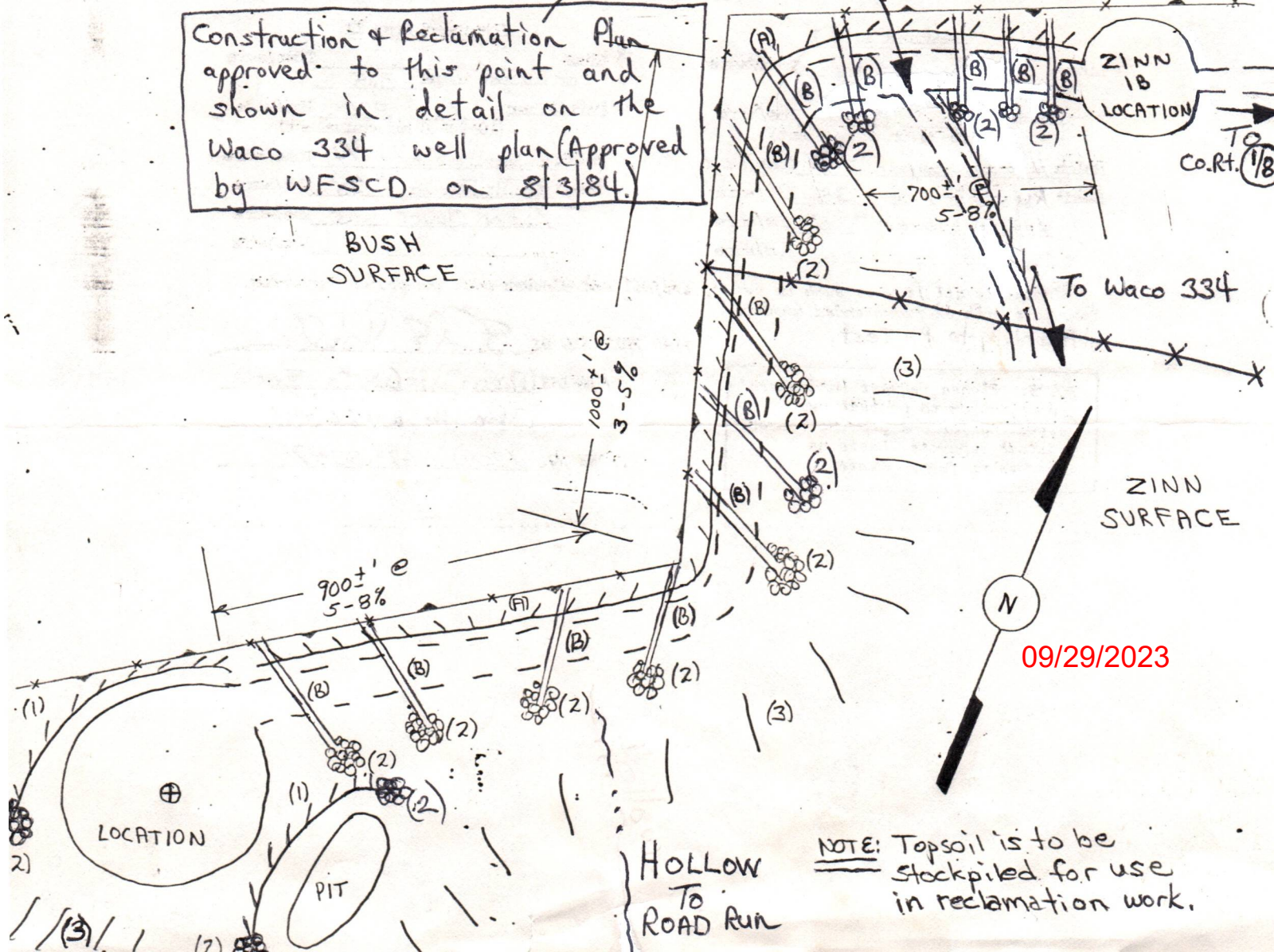
Sketch to include well location, existing access road, roads to be constructed, length and slope of road, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

Land Use: Pasture Hayland ___ Cropland ___ Woodland ___

LEGEND

Property boundary	North Arrow
Road	Diversion
Existing fence	Spring
Planned fence	Wet Spot
Stream	Building
Open Ditch	Drain pipe
Waterway	

Construction & Reclamation Plan approved to this point and shown in detail on the Waco 334 well plan (Approved by WFSCD on 8/3/84.)



09/29/2023

NOTE: Topsoil is to be stockpiled for use in reclamation work.



IV-35
(Rev 8-81)

Date 03/04/85
Operator's
Well No. 335
Farm Zinn
API No. 47 - 021 - 4237

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: 1119' Watershed Road Run
District: Troy County Gilmer Quadrangle Auburn 7.5

COMPANY Waco Oil and Gas Company, Inc.
ADDRESS Glenville, WV
DESIGNATED AGENT Kenneth Greenleaf
ADDRESS Glenville, WV
SURFACE OWNER Scott Zinn
ADDRESS Cox's Mills, WV
MINERAL RIGHTS OWNER Scott Zinn
ADDRESS Cox's Mills, WV
OIL AND GAS INSPECTOR FOR THIS WORK
Deo Mace ADDRESS Sandridge, WV
PERMIT ISSUED 8/29/84
DRILLING COMMENCED 2/04/85
DRILLING COMPLETED 2/10/85
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	962	962	250 sacks to Surface
7'			
5 1/2			
4 1/2		5821	500 Sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 5250 feet
Depth of completed well 5959 feet Rotary X / Cable Tools ___
Water strata depth: Fresh 94 feet; Salt None 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 ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 880 Mcf/d Final open flow Show Bbl/d
Time of open flow between initial and final tests 4 hours

Static rock pressure 1500 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)

Second producing formation Riley, Balltown 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

617
4237

(REVERSE)

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

Lower Elk - 5724 to 5727 - 500 Gal 15% HCL, (15,000 lb 20/40), 16 MCF N₂

Upper Elk, Alexander - 5045 to 5132 - 500 Gal 15% HCL, (51,000 lb 20/40),
44 MCF N₂

Benson - 4777 to 4779 - 500 Gal 15% HCL, (30,000 lb 20/40), 30 MCF N₂

2nd Riley, 3rd Riley - 4384 to 4694 - 500 Gal 15% HCL, (10,000 lb 80/100),
(15,000 lb 20/40); 30 MCF N₂

Balltown - 3985 to 3993 - 500 Gal 15% HCL, (10,000 lb 80/100), (15,000 lb 20/40),
40 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
Red Rock			0	3	
Red Rock, Sand, Shale			3	200	Hole damp @ 94'
Sand, Shale			200	504	
Red Rock, Sand, Shale			504	1860	
Little Lime			1860	1870	
Sand, Shale			1870	1912	
Big Lime			1912	2015	
Big Injun			2015	2054	
Sand, Shale			2054	3190	
Speechly Section			3190	3969	
Balltown Section			3969	4354	
Riley Section			4354	4750	
Benson			4750	4770	
Shale			4770	5020	
Alexander			5020	5060	
Shale			5060	5092	
Elk			5092	5118	
Shale			5118	5790	
Elk			5790	5800	
Shale			5800	5959	TD

(Attach separate sheets as necessary)

WACO OIL & GAS CO., INC.

Well Operator

By: Kenneth Greenlief Kenneth Greenlief

Date: March 4, 1985

09/29/2023

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 all, encountered in the drilling of a well."

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

RECEIVED
FEB 14 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-4237

Oil or Gas Well _____
(KIND)

Company <u>Waco</u> Address _____ Farm <u>Zinn</u> Well No. <u>335</u> District <u>Try</u> County <u>Sil</u> Drilling commenced <u>2-5-85</u> 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 <u>94</u> feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
	16			
	13			Size of _____
	10			Depth set _____
	8 1/4			Perf. top _____
	6 5/8			Perf. bottom _____
	5 3/16			Perf. top _____
	3			Perf. bottom _____
	2			
Liners Used _____				

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 G. J. Morris

Remarks:
962' of 8 5/8" casing, 250 sacks cement,
Halibutano, 2-6-85
good circulation

2-6-85
DATE

Waco Morris 09/29/2023
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: _____

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

DATE

09/29/2023

DISTRICT WELL INSPECTOR

18-Mar-85

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

Company: WACO OIL & GAS
Farm: ZINN, SCOTT

Well: #WACO-335

Permit No. 47- 21-4237 (8-29-84)
County: GILMER

[JAN] 8 1986

Rule	Description	In Compliance	
		Yes	No
23.06	Notification prior to starting work	-----	-----
25.04	Prepped before drilling to prevent waste	-----	-----
25.03	High pressure drilling	-----	-----
16.01	Required permits at wellsite	-----	-----
15.03	Adequate Fresh Water Casings	-----	-----
15.02	Adequate Coal Casings	-----	-----
15.01	Adequate Production Casings	-----	-----
15.04	Adequate Cement Strength	-----	-----
15.05	Cement Type	-----	-----
23.02	Maintained Access Roads	-----	-----
25.01	Necessary Equipment to Prevent Waste	-----	-----
23.04	Reclaimed Drillings 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 *D. S. Moore*

DATE *1-14-86*

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. H. ...

Administrator

January 16, 1986

Date

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25302
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT



Company: WACO OIL & GAS
Well: ZINN, SCOTT

Well: WACO-335

Permit No. 47-21-4237
County: LINN

Rule	Description	In Compliance
		Yes No
15.02	Identification Markings	
16.01	Well Records on Site	
16.02	Well Records Filed	
23.02	Requirements for Production & Gathering Pipelines	
23.05	No Surface or Underground Pollution	
23.04	Reclaimed Drilling Pits	
23.01	Necessary Equipment to Prevent Waste	
23.02	Maintained Access Roads	
15.02	Cement Type	
15.04	Adequate Cement Strength	
15.01	Adequate Production Casing	
15.02	Adequate Coal Casing	
15.03	Adequate Fresh Water Casing	
16.01	Required Records of Wellbore	
23.03	High pressure drilling	
23.04	Period before drilling to prevent waste	
23.06	Notification prior to starting work	

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

SIGNED: _____
DATE: _____

Your well record was received and regulation requirements approved. In accordance with Chapter 23, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

Administrator

Date

7724 8/28/84

2,140'

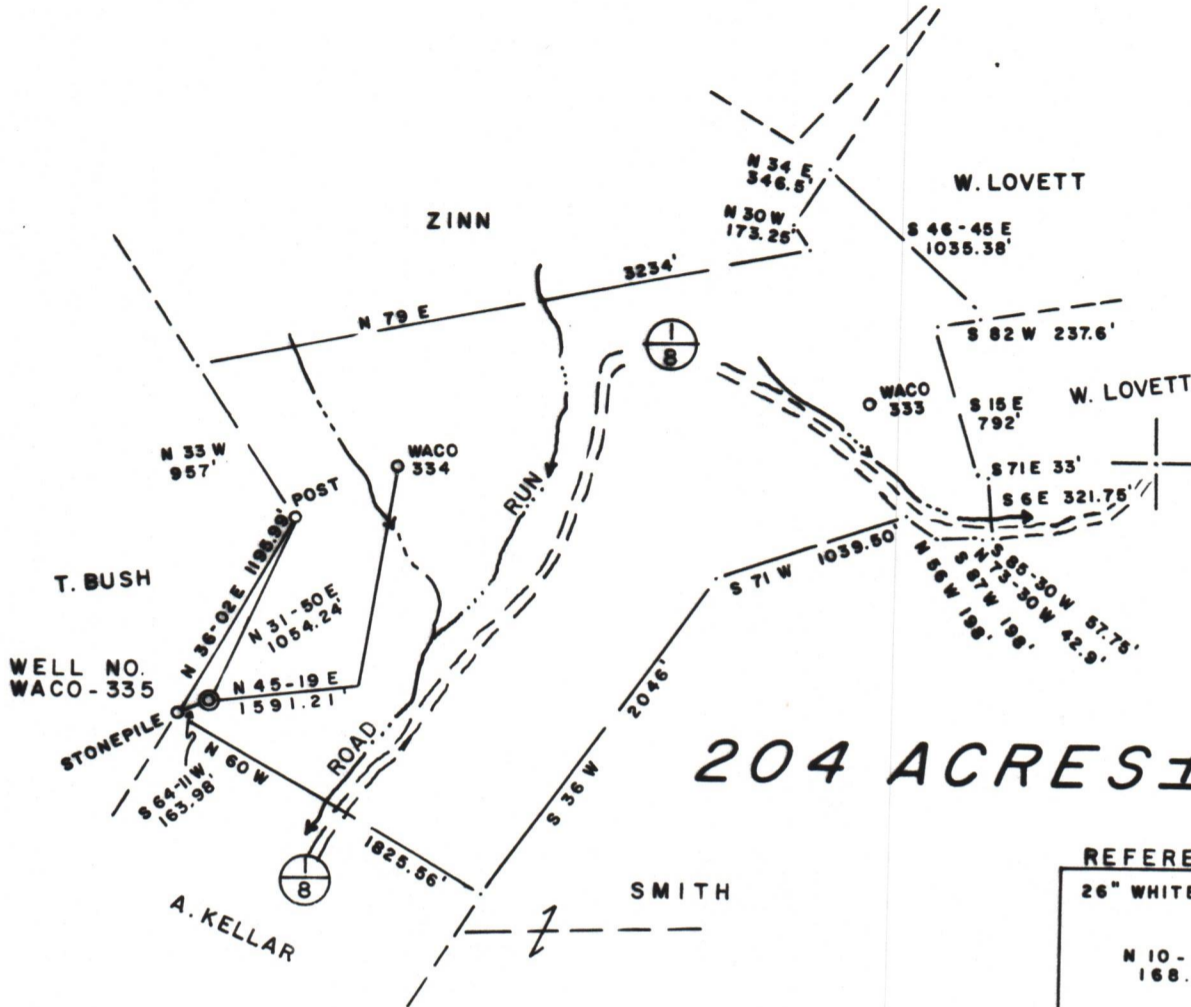
LATITUDE 39° 02' 30"

ZINN "H" LEASE

WELL NO. WACO - 335

LONGITUDE 80° 47' 30"

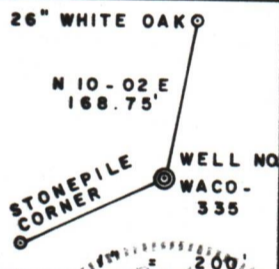
NORTH



204 ACRES ±

NOTE: NO PERMITTED WELLS SHOWN WITHIN 1200'

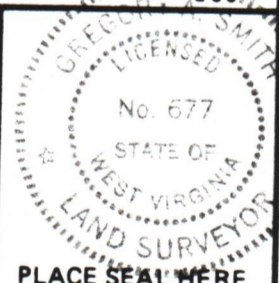
REFERENCES



FILE NO. 14 - 56
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 ELEV. 1211'

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 20, 1984
 OPERATOR'S WELL NO. WACO - 335
 API WELL NO. 47 - 021 - 4237
 STATE WEST VIRGINIA COUNTY GILMER PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1119' WATER SHED ROAD RUN
 DISTRICT TROY COUNTY GILMER
 QUADRANGLE AUBURN 7.5'

SURFACE OWNER SCOTT ZINN, et. al. ACREAGE 204
 OIL & GAS ROYALTY OWNER SCOTT ZINN, et. al. LEASE ACREAGE 204
 LEASE NO. _____

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

09/29/2023

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION ELK ESTIMATED DEPTH 5350'
 WELL OPERATOR WACO OIL & GAS CO. INC. DESIGNATED AGENT KENNY GREENLIEF
 ADDRESS P. O. BOX 4 ADDRESS P. O. BOX 4
GLENVILLE, WV 26351 GLENVILLE, WV 26351