



1) Date: August 2, 19 84  
 2) Operator's Well No. Waco #336 - Zinn "H"  
 3) API Well No. 47 - 021 - 4233  
 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: 1104' Watershed: Road Run (LK 75 G)  
 District: Troy 4 County: Gilmer Quadrangle: Auburn 7.5' 224  
 6) WELL OPERATOR Waco Oil & Gas Co., Inc. 51800 7) DESIGNATED AGENT Kenneth Greenlief  
 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  / 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, 260' feet; salt, none feet.  
 14) Approximate coal seam depths: none Is coal being mined in the area? Yes

RECEIVED  
 AUG - 7 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL 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		20	X		925'	925'	CTS Neat	
Production	4 1/2		10.5	X			5600'	600 sacks or as by rule	Depths set 15.01
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-021-4233 Date August 17, 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 August 17, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>168</u> <b>BLANKET.</b>	Agent: <input checked="" type="checkbox"/>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>1119</u>
-------------------------------------	--	-----------------	-------------------	------------------

T. L. Morris  
 Administrator, Office of Oil and Gas

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



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS

**OFFICE USE ONLY**

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

4) WELL LOCATION: B (ft Gas), Production \_\_\_\_\_  
 Elevation: \_\_\_\_\_  
 District: \_\_\_\_\_  
 County: \_\_\_\_\_  
 Watched: \_\_\_\_\_  
 Underground storage: \_\_\_\_\_  
 Depth: \_\_\_\_\_  
 Shallow: \_\_\_\_\_  
 5) WELL OPERATOR: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 6) DESIGNATED AGENT: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 7) DRILLING CONTRACTOR: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 9) PROPOSED WELL WORK: \_\_\_\_\_  
 Drill: \_\_\_\_\_  
 Redrill: \_\_\_\_\_  
 Stimulate: \_\_\_\_\_  
 10) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_  
 Estimated depth of completed well: \_\_\_\_\_  
 Approximate true depths: Fresh \_\_\_\_\_  
 Approximate coal seam depths: \_\_\_\_\_  
 Is coal being mined in the area? Yes \_\_\_\_\_  
 Other physical change in well (specify): \_\_\_\_\_

**RECEIVED**  
 AUG - 7 1984

CASING OR TUBING TYPE	Size	Casing	SPECIFICATIONS			FOOTAGE INTERVALS		ELEMENT (ft)	OR SACKS (if this test)
			Weight per ft	New	Used	For drilling	Left in well		
Production	4 1/2"	10.5				0-221	0-221	0-221	
Intermediate	8 5/8"	20				0-221	0-221	0-221	
Coal									
Fresh water									
Conductor									

**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		
Completion of the drilling process		
Well Record received		
Reclamation completed		

**OTHER INSPECTIONS**

Reason: \_\_\_\_\_  
 Reason: \_\_\_\_\_

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

09/29/2023



**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 2, 19 84  
2) Operator's Well No. Waco #336-Zinn "H"  
3) API Well No. 47 - 021-4233  
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 2nd day of August, 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

RECEIVED

AUG - 7 1984

OIL & GAS DIVISION  
DEPT. OF MINES

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

09/29/2023



IV-9  
Revised 11-81

Rec'd. (WFSCD)  
OCT 3 1 1984

State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE October 29, 1984  
WELL NO. Waco-336- Revised  
API NO. 47-021-4233

CONSTRUCTION AND RECLAMATION PLAN

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

DESIGNATED AGENT Kenneth Greenleaf  
Address Glenville, 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: 11/29/84 (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 roadcuts)  
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)  
106'-80' Apart, 138'-68' Apart, 158'-60' Apart,  
Spacing AS SHOWN ON SKETCH, 178'-50' Apart.  
with riprapped outlet.  
Page Ref. Manual 2-1

Structure SEDIMENT BARRIER (2)  
Material Brush + stone  
Page Ref. Manual 2-16

Structure ROAD CULVERT (18" MIN) (C)  
As shown on plan (according to O+G Manual)  
Spacing AT NATURAL DRAINS  
with riprapped outlet  
Page Ref. Manual 2-15

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

Treatment Area I & II

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

Treatment Area II

Lime		Tons/acre
or correct to pH		
Fertilizer		lbs/acre
	(10-20-20 or equivalent)	
Mulch		Tons/acre
Seed*		lbs/acre
		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 S.D.E. Nole  
ADDRESS Waco Oil & Gas Co., Inc.  
Glenville, WV 26351  
PHONE NO. (304) 462-5347

The undersigned hereby acknowledges receipt of the aforesaid reclamation plan.

1-9-85  
DATE

Scott Zinn 09/29/2023  
SIGNATURE

RECEIVED  
OIL & GAS DIV.  
DEPT. OF MINES  
10/31/1985

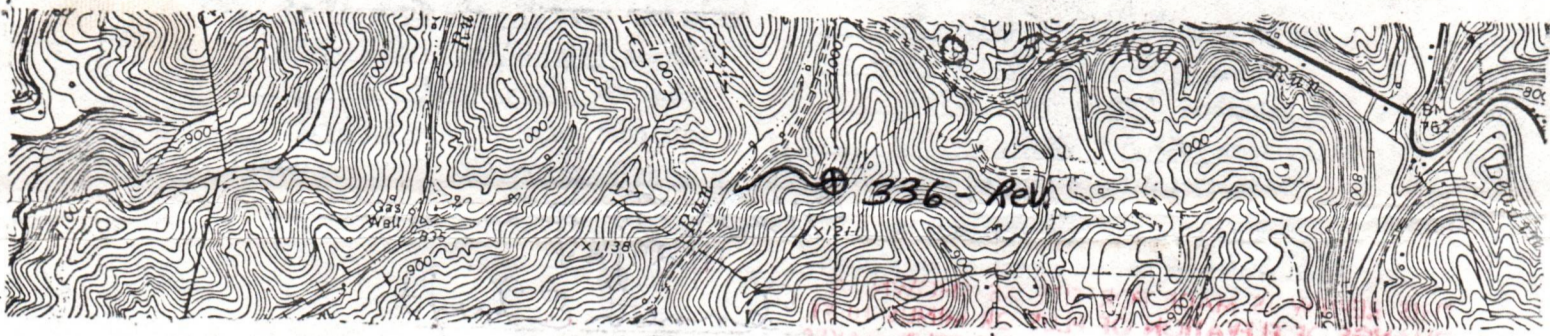
IV-9 REVERSE  
 Revised 11-81

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, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

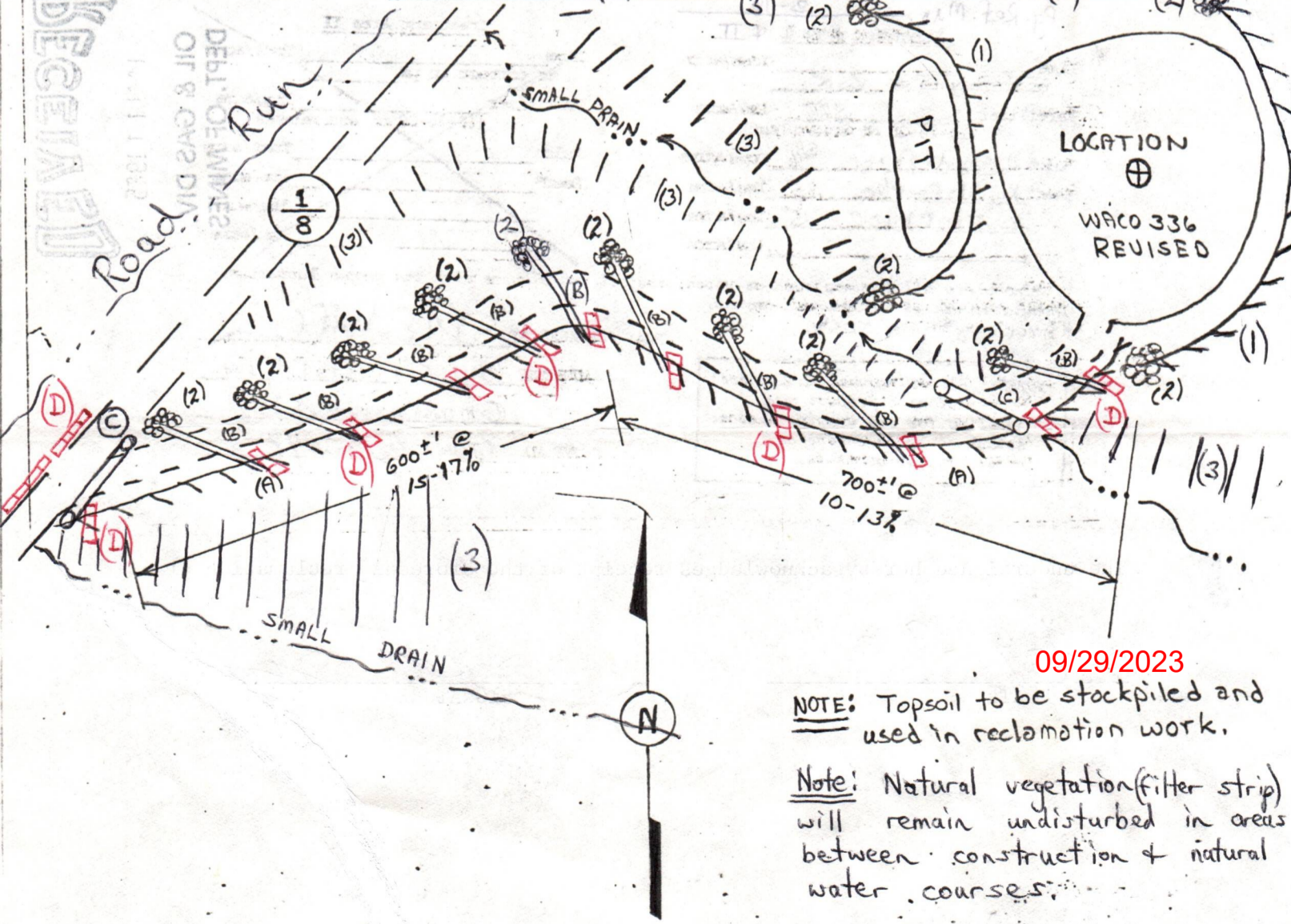
Land Use: Pasture  Hayland  Cropland  Woodland

LEGEND

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

RECEIVED

DEPT. OF MINES  
 OIL & GAS DIV.



09/29/2023

NOTE: Topsoil to be stockpiled and used in reclamation work.

Note: Natural vegetation (filter strip) will remain undisturbed in areas between construction & natural water courses.





IV-9  
Revised 11-81

DATE July 17, 1984  
WELL NO. Waco - 336  
API NO. 47 - 021 - 4233

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 Glenville, WV 26351  
Telephone (304) 462-5347  
LANDOWNER Scott Zinn

DESIGNATED AGENT Kenneth Greenleaf  
Address Glenville, 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: 7/31/84 (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

ACCESS ROAD

- (A) Structure DRAINAGE DITCH  
(Inside road cuts)  
Spacing as shown on sketch  
Page Ref. Manual 2-12
- (B) Structure CROSS DRAIN  
10'-80' Apart, 15'-60' Apart.  
Spacing as shown on sketch  
with riprapped outlet  
Page Ref. Manual 2-1
- (C) Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

LOCATION

- (1) Structure DIVERSION DITCH  
Material Earthen  
Page Ref. Manual 2-12
- (2) Structure SEDIMENT BARRIER  
Material Brush + Stone  
Page Ref. Manual 2-16
- (3) Structure FILTER STRIP  
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 <u>500</u> lbs/acre	
(10-20-20 or equivalent)	
Mulch <u>H. Seed - paper 3/4</u> Tons/acre	
Seed* <u>Ky 31 - Fescue 35</u> lbs/acre	
<u>Ladino Clover 5</u> lbs/acre	
	lbs/acre

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

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

PLAN PREPARED BY S. E. Holden  
ADDRESS Waco Oil & Gas Co., Inc.  
Glenville, WV 26351  
PHONE NO. (304) 462-5347

RECEIVED

AUG - 7 1984

OIL & GAS 09/29/2023

DEPT. OF MINES

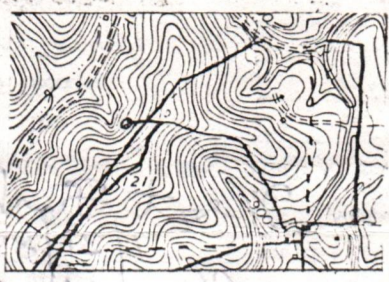
IV-9 REVERSE  
 Revised 11-81

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

LEGEND

Well Site ⊕

Access Road ———



WELL SITE PLAN

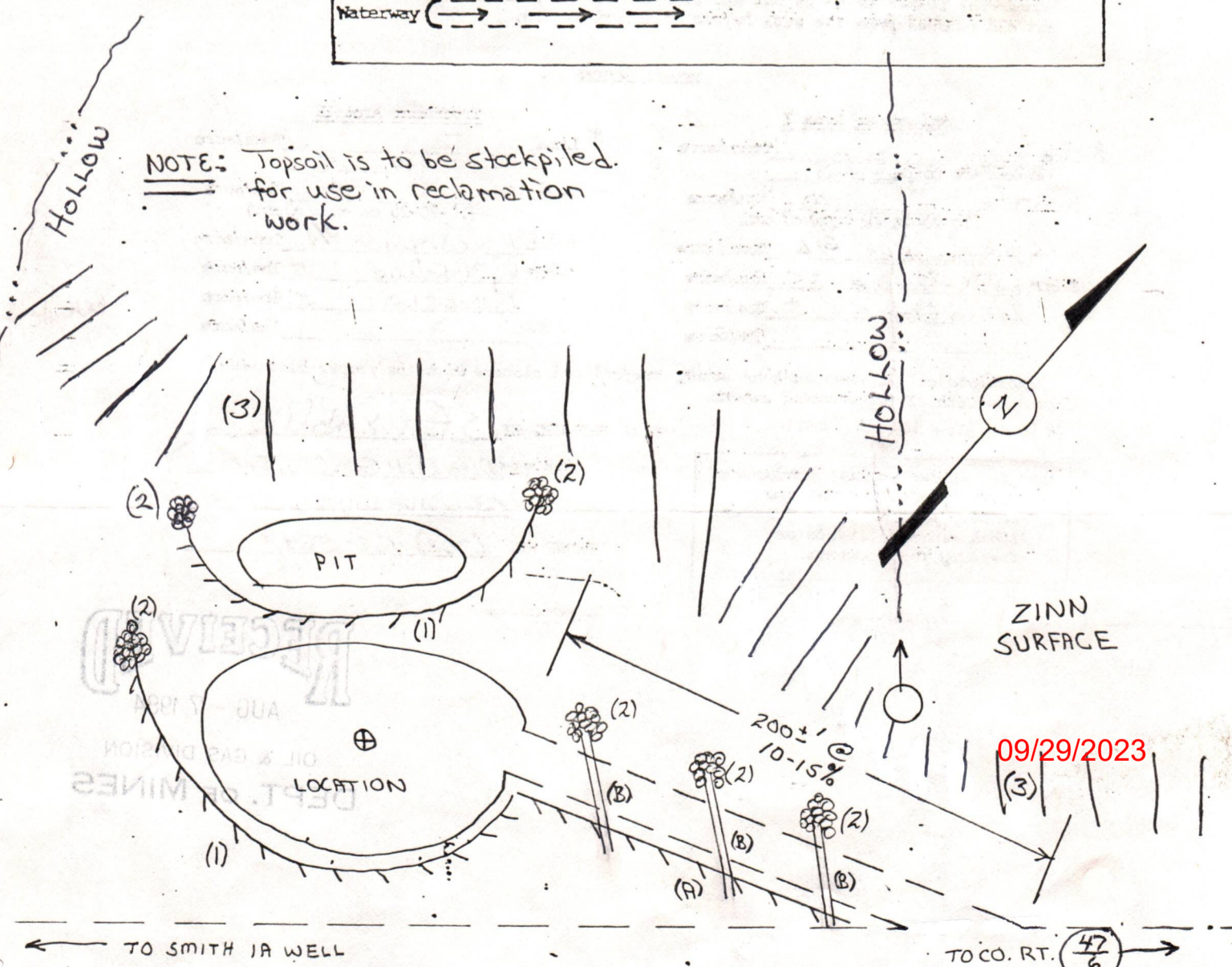
Sketch to include well location, existing access road, roads to be constructed, length and slope of road, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

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

LEGEND

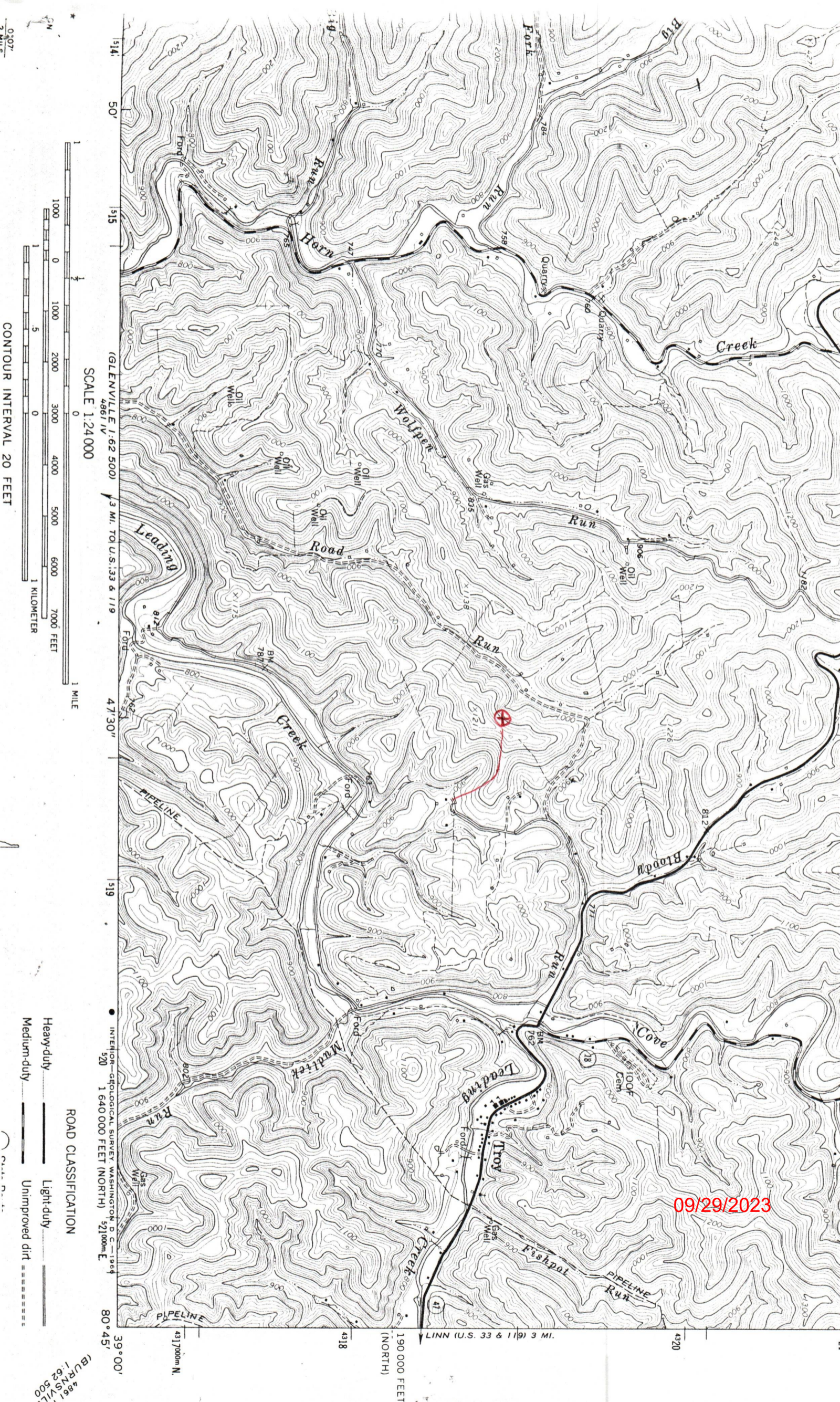
Property boundary ———	North Arrow ↗
Road = = = = =	Diversion // // // //
Existing fence — X — X —	Spring ⊕ →
Planned fence — / — / —	Wet Spot ⊕
Stream ~ ~ ~ ~ ~	Building [ ]
Open Ditch —> —> —> —>	Drain pipe —○—○—○—○—
Waterway (→) (→) (→)	

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

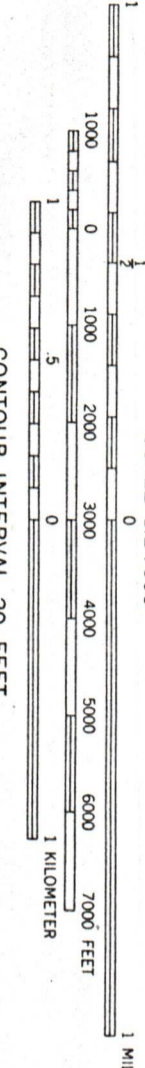


09/29/2023

Reclamation Plan approved to this point and shown in detail on the SMITH 1A well plan, approved by WFSCD on 10-12-82.



0.07



CONTOUR INTERVAL 20 FEET

**ROAD CLASSIFICATION**

Heavy-duty ————

Light-duty - - - - -

Unimproved dirt - - - - -

BURNETT 4861 1:62 500

514 50' 515 47'30" 519

(GLENVILLE 1:62 500) 4861 IV 3 MI. TO U.S. 33 & 119

SCALE 1:24 000

431 7000m N. 190 000 FEET (NORTH) 4318 4320

39° 00' 80° 45'

LINN (U.S. 33 & 119) 3 MI.

09/29/2023

RECEIVED

MAR 25 1985



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date March 8, 1985 Operator's Well No. 336 Farm Zinn API No. 47 - 021 - 4233

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: 1104 Watershed Road Run District: Troy County Gilmer Quadrangle Auburn 7.5

COMPANY WACO OIL & GAS CO., INC. ADDRESS Glenville, WV 26351 DESIGNATED AGENT Kenneth Greenlief ADDRESS Glenville, WV 26351 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 08/17/84 DRILLING COMMENCED 02/19/85 DRILLING COMPLETED 02/25/85 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8 (884), 7', 5 1/2, 4 1/2 (5740), 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Elk Depth 5600 feet Depth of completed well 5995 feet Rotary x / Cable Tools Water strata depth: Fresh 63, 148 feet; Salt None feet Coal seam depths: None Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Elk, Benson, Riley, Balltown Pay zone depth see treatment feet Gas: Initial open flow 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 hours Static rock pressure 920 psig (surface measurement) after 48 hours shut in (If applicable due to multiple completion--)

61L 4233

(Continue on reverse side)

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

Lower Elk - 5710 to 5712 - 500 Gal 15% Hcl (10,000# 80-100) (30,000# 20-40) 21 MCF N<sub>2</sub>

Benson - 4740 to 4743 - 1000 Gal 15% Hcl (35,000# 20-40) 25 MCF N<sub>2</sub>

2nd Riley, 3rd Riley - 4190 to 4353 - 500 Gal 15% Hcl, (10,000# 80-100), (20,000# 20-40)  
25 MCF N<sub>2</sub>

Balltown - 3945 to 3954 - 500 Gal 15% Hcl, (30,000# 20-40) 23 MCF N<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
soil			0	2	
Sand, Shale			2	28	1/2" stream @ 63'
Sand, Shale, Red Rock			28	640	1/2" stream @ 148'
Sand, Shale, Lime			640	1843	
Little Lime			1843	1854	
Sand, Shale			1854	1900	
Big Lime			1900	1994	
Big Injun			1994	2039	
Sand, Shale			2039	3170	
Speechly Section			3170	3882	
Balltown Section			3882	4330	
Riley Section			4330	4730	
Benson			4730	4740	
Shale			4740	4994	
Alexander			4994	5032	
Shale			5032	5080	
Elk			5080	5093	
Shale			5093	5680	
Elk			5680	5690	
Shale			5690	5995	TD

(Attach separate sheets as necessary)

WACO OIL AND GAS COMPANY, INC.  
Well Operator

By: Kenneth Greenlief, Kenneth Greenlief

Date: March 8, 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 coal, encountered in the drilling of a well."

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

RECEIVED

FEB 26 1985

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-4233

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

Company WACO  
 Address \_\_\_\_\_  
 Farm 2 Inn  
 Well No. 336  
 District Way County Gil  
 Drilling commenced 2-17-85  
 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			Kind of Packer
16			
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 Morris 7

Remarks: 882' of 8 3/8 casing, 230 steps cement, Dowell, 2-18, 85

2-19-85  
DATE

D. J. Moore 09/29/2023  
DISTRICT WELL INSPECTOR

FORM 26  
2/16/82

RECEIVED  
FEB 16 1982

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

DEPT. OF MINES  
OIL & GAS 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

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: 336 (ZINN 'H') County: GILMER

Permit No. 47- 21-4233

JAN 8 1986  
(8-17-84)

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 & Gatherings 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 Dew Mace  
DATE 1-4-86

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

T. L. ...  
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  
INSPECTOR'S COMPLIANCE REPORT

Company: WACO OIL & GAS  
Form: XIMW SCOTT

Well: 336 (XIMW 'W') County: BILMER  
Permit No. 47-21-4233  
(8-17-82)

Rule	Description	In Compliance	Yes	No
23.06	Notification prior to starting work	.....	.....	.....
23.04	Prevent before drilling to prevent waste	.....	.....	.....
23.03	High pressure drilling	.....	.....	.....
18.01	Required permits at wellsite	.....	.....	.....
12.03	Adequate Fresh Water Casings	.....	.....	.....
12.02	Adequate Coal Casings	.....	.....	.....
12.01	Adequate Production Casings	.....	.....	.....
12.04	Adequate Cement Strength	.....	.....	.....
12.03	Cement Type	.....	.....	.....
23.02	Maintained Access Roads	.....	.....	.....
23.01	Necessary Equipment to Prevent Waste	.....	.....	.....
23.04	Reclaimed Drilling Pits	.....	.....	.....
23.02	No Surface or Underground Pollution	.....	.....	.....
23.07	Requirements for Production & Gathering Pipelines	.....	.....	.....
18.01	Well Records on Site	.....	.....	.....
12.02	Well Records Filed	.....	.....	.....
12.05	Identification Markings	.....	.....	.....

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

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

Your well record was received and reclamation 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.

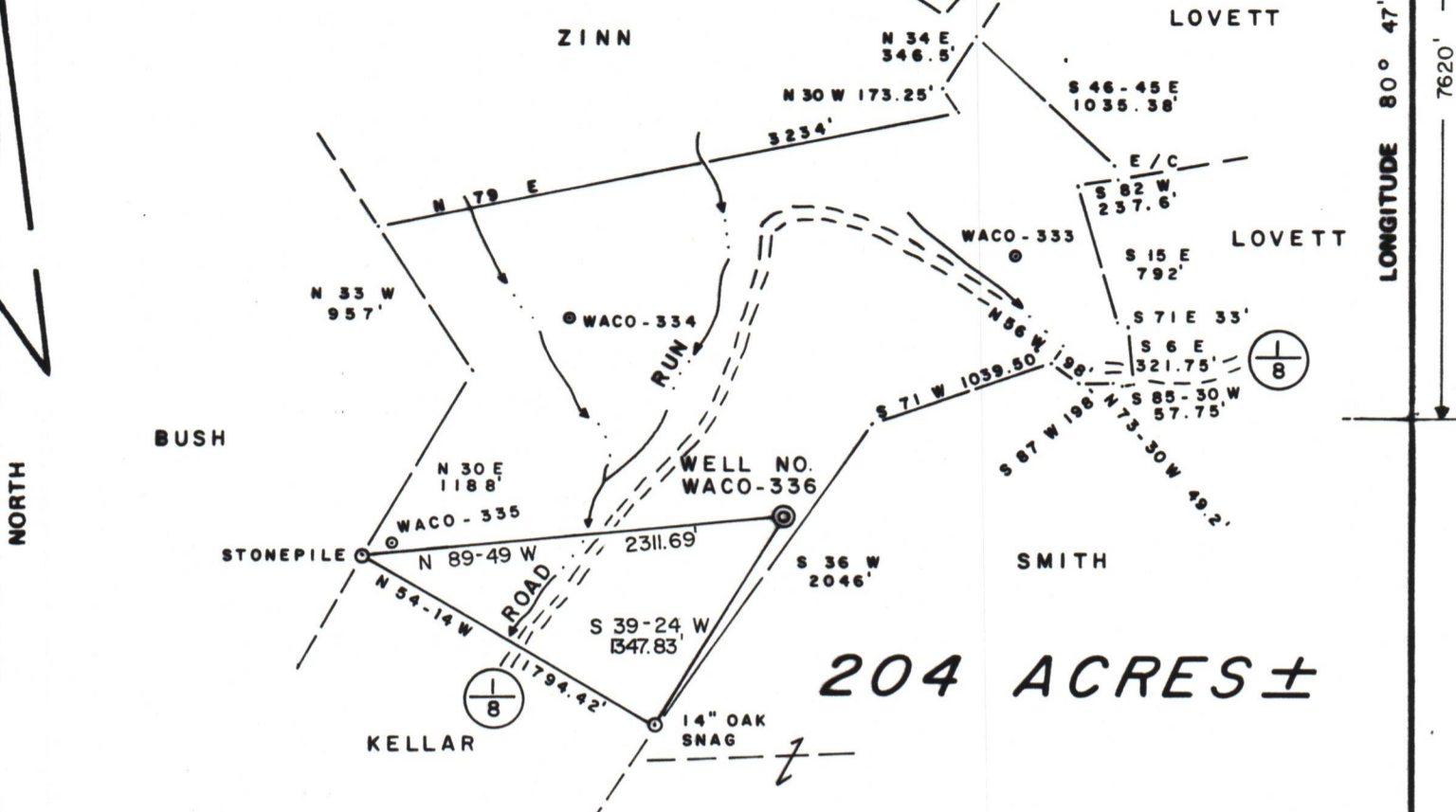
\_\_\_\_\_  
Administrator  
\_\_\_\_\_  
Date

1112 8/13/24

LATITUDE 39° 02' 30"

10'

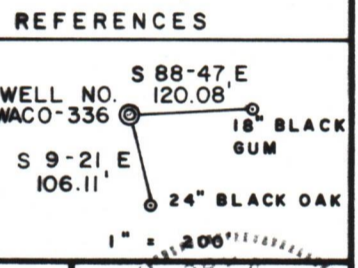
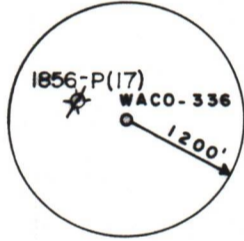
# ZINN "H" LEASE WELL NO. WACO - 336



LONGITUDE 80° 47' 30"

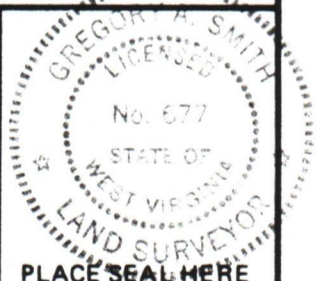
7620'

## 204 ACRES ±



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 21, 19 84  
 OPERATOR'S WELL NO. WACO - 336  
 API WELL NO. 47 - 021 - 4233  
 STATE 47 COUNTY 021 PERMIT 4233

### 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 1104' 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) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION ELK ESTIMATED DEPTH 5300'  
 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

09/29/2023