



1) Date: January 25, 19 84
 2) Operator's Well No. Cooper #1A
 3) API Well No. 47 - 021 - 4155
 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: 1141 Watershed: Horn Creek
 District: Troy County: Gilmer Quadrangle: Auburn 7.5
 6) WELL OPERATOR Waco Oil and Gas Co., Inc. 7) DESIGNATED AGENT Kenneth Greenlief
 Address 1297 N. Lewis St. Address 1297 N. Lewis St.
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 Rt. 1, Box 5 Address 1297 N. Lewis St.
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, 5800 feet
 13) Approximate trata depths: Fresh, 170 feet; salt, N/A feet.
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes

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

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	8 5/8	ERW	20	X		500	500	120 Sacks	CTS NEAT or as req. by rule 15.01
Production	4 1/2	J-55	10.5	X			5800	570 Sacks	
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-021-4155 Date February 24, 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 February 24, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <input checked="" type="checkbox"/>	Plat: <u>MA</u>	Casing: <u>MA</u>	Fee: <u>1018</u>
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[Signature]
 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 DIVISION
OFFICE USE ONLY

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

1) Date: _____
 2) Operator's Well No.: _____
 3) API Well No.: _____ State: _____ County: _____ Permit: _____

4) WELL LOCATION: B (If "Gas", Production) _____
 Elevation: _____
 District: _____ County: _____
 Designated Agent: _____
 Address: _____

5) PROPOSED WELL WORK: _____
 Plug off old formation _____
 Other physical change in well (specify): _____

6) DRILLING CONTRACTOR: _____
 Name: _____
 Address: _____

7) OIL & GAS INSPECTOR TO BE NOTIFIED: _____
 Name: _____
 Address: _____

8) ESTIMATED DEPTH OF COMPLETED WELL: _____ feet
 APPROXIMATE COAL SEAM DEPTHS: _____ feet
 APPROXIMATE COAL SEAM DEPTHS: _____ feet
 Is coal being mined in the area? Yes _____

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: _____

Bond:	Agent:	Plan:	Casing:	Fee:
Blanket				

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

10/06/2020

1) Date: January 25, 1984
2) Operator's
Well No. Cooper #1A
3) API Well No. 47 - 021 - 4155
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 Terry Chapman
Address Rt. 2, Box 195
Cox's Mills, WV 26342
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR None
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name None
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.

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

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 25 day of January, 1984.
My commission expires Sept., 1990.
M Lynn Chapman
Notary Public, Gilmer County,
State of West Virginia

WELL
OPERATOR Waco Oil and Gas Company, Inc.
By Kenneth Greenlief
Its Agent
Address 1297 N. Lewis St.
Glenville, WV 26351
Telephone 462-5347

10/06/2023

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>
Nelson Garrett et al.	Waco Oil & Gas Co., Inc.	1/8	340-466

10/06/2023



IV-9
Revised 11-81

DATE March 28, 1984

WELL NO. Cooper #1A

Rec'd (WFSCD)
MAR 29 1984

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47 - 021 - 4155
* Revised Road Plan for
Cooper #1A location.

CONSTRUCTION AND RECLAMATION PLAN

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

LANDOWNER ~~XXXXXXXXXXXX~~ Terry Chapman 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: 4/25/84

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 ON SITE REVIEW
(Data) 4/23/84
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drains (A)
Spacing 25' + 80' Apart
Page Ref. Manual 2-4

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

Structure Drainage Ditch (B)
(Inside road cuts)
Spacing Earthen - Along side of road.
Page Ref. Manual 2-12

Structure Sediment Barrier (2)
Material Logs + Stone
Page Ref. Manual 2-16

Structure Culverts (C)
(According to Oil & Gas Manual)
Spacing 18" min. - AS needed (at natural drains)
Page Ref. Manual 2-8

Structure Filter Strip (3)
Material undisturbed natural 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
Pg. Ref. Man. 2-16 REVEGETATION

Treatment Area I

Treatment Area II

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

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

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

PLAN PREPARED BY S. E. Holl

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

ADDRESS Waco Oil & Gas Co., Inc.
Glenville, WV 26351
PHONE NO. 462-5347

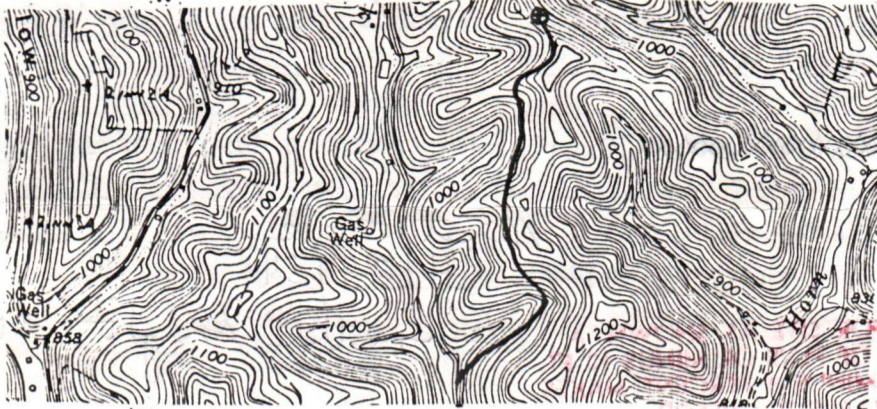
10/06/2023

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

LEGEND

Well Site ⊕

Access Road ———



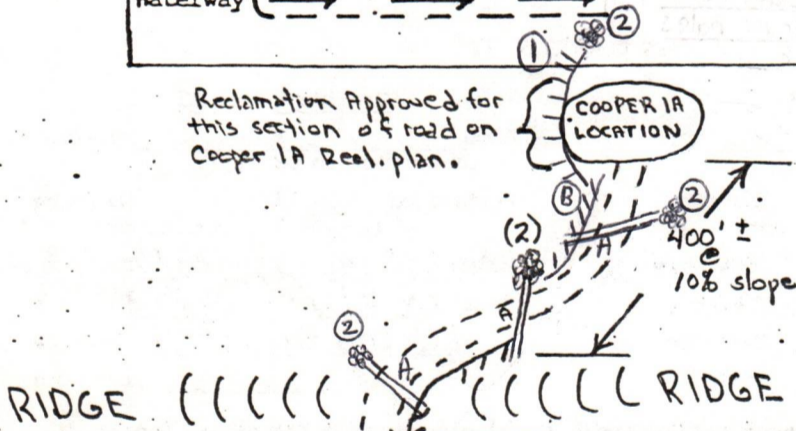
Sketch to include well location, existing access road, roads to be constructed, length and slope of road, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

Land Uses: Pasture ___ Hayland ___ Cropland ___ Woodland **X**.

LEGEND

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

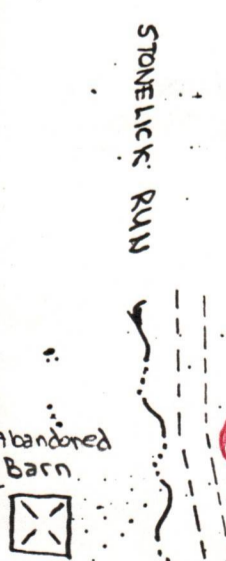
Reclamation Approved for this section of road on Cooper IA Recl. plan.



Note: Topsoil will be stockpiled for use in reclamation work.

10/06/2023

Total length of road 3900' ±



RECEIVED

FEB 6 - 1984

**OIL & GAS DIVISION
DEPT. OF MINES**

Route #2, Box 195
Cox's Mills, WV 26342
January 31, 1984

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311

Comment re: Application for well work permit
Operator: Waco Oil and Gas Company, Inc.
Operator's well no.: Cooper #1A
Location: Gilmer County, Troy District
Watershed: Horn Creek

To whom it may concern:

Let it be hereby known that as of January 26, 1984, Terry K. Chapman, surface owner, recieved notice of application for a well work permit at Operator's Well No. Cooper #1A as mentioned above.

In accordance with instructions of Form IV-2(B), Reverse, surface owner is taking advantage of the opportunity to comment and to test water quality prior to and after the drilling at three(3) dwellings and one (1) natural spring in the nearby area.

The surface owner trusts the Administrator of the Office of Oil and Gas to deny or condition said permit should the administrator determine from the operator's application for a well work permit that the proposed well work fails to protect fresh water sources and supplies.

Also, please issue to me a copy of the permit as it is finally issued.

Respectfully,



Terry K. Chapman, Surface Owner
Phone: 462-5211

TKC/mea

10/06/2023

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1984-1985

DEPT. OF MINES

DEPT. OF MINES

January 31, 1984
Gov. Mills, WV 26342
Route 42, Box 192

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311

Operator's well no.:
Operator:
Location:
Operator's well no.:
Operator:
Location:
Waterhead: Horn Creek
Operator's well no.:
Operator:
Location:
Waterhead: Horn Creek

To whom it may concern:

Let it be hereby known that as of January 26, 1984,
Ferry K. Gorman, surface owner, received notice of applica-
tion for a well permit of Operator's well No. Cooper
No. 1 as mentioned above.

In accordance with instructions of Form IV-2(B),
Reverse, surface owner is taking advantage of the opportunity
to comment and to test water quality prior to and after the
drilling of three (3) dwellings and one (1) natural spring in
the nearby area.

The surface owner trusts the Administrator of the
Office of Oil and Gas to deny or condition said permit should
the Administrator determine from the operator's application
for a well permit that the proposed well work fails to
protect these water sources and supplies.

Also, please issue to me a copy of the permit as it is
finally issued.

Respectfully,

Ferry K. Gorman, Surface Owner
Phone: 482-5211

TKC/lee

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

- Print your name, address, and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.



1984



PENALTY FOR PRIVATE USE, \$300

RETURN TO

Waco Oil & Gas Company
(Name of Sender)
1297 N. Lewis St.
(Street or P.O. Box)
Merrill WV 26351
(City, State, and ZIP Code)

Cooper 1A

~~Signature~~

PS Form 3811, July 1982

SENDER: Complete Items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

- The following service is requested (check one).
 - Show to whom and date delivered
 - Show to whom, date, and address of delivery
- RESTRICTED DELIVERY.....
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. ARTICLE ADDRESSED TO:
Jerry Chapman
Rt. 2, Box 195
Merrill, WV 26352

4. TYPE OF SERVICE: ARTICLE NUMBER
 REGISTERED INSURED
 CERTIFIED COD P534325910
 EXPRESS MAIL

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. DATE OF DELIVERY
1-30-84

6. ADDRESSEE'S ADDRESS (Only if requested)
Merrill, WV

7. UNABLE TO DELIVER BECAUSE:

POSTMARK
(May be on reverse side)
JAN 30 1984
MERRILL, WV
USPO INITIALS
CB

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

RETURN RECEIPT



IV-35
(Rev 8-81)

RECEIVED

APR 25 1984

OIL & GAS DIVISION
EPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date 4/19/84
Operator's Well No. #1A
Farm Cooper
API No. 47 - 021 - 4155

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: 1141 Watershed Horn Creek
District: Troy County Gilmer Quadrangle Auburn 7.5

COMPANY WACO OIL & GAS CO., INC.

ADDRESS 1297 N. Lewis St., Glenville, WV 26351

DESIGNATED AGENT Kenneth Greenlief

ADDRESS 1297 N. Lewis St., Glenville, WV 26351

SURFACE OWNER Terry Chapman

ADDRESS Cox's Mills, WV

MINERAL RIGHTS OWNER Nelson Garrett

ADDRESS Cox's Mills, WV

OIL AND GAS INSPECTOR FOR THIS WORK

Deo Mace ADDRESS Sandridge, WV

PERMIT ISSUED 2/24/84

DRILLING COMMENCED 3/25/84

DRILLING COMPLETED 3/31/84

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	882	882	190 sks
7			
5 1/2			
4 1/2		5238	575 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 5800 feet

Depth of completed well 5354 feet Rotary X / Cable Tools

Water strata depth: Fresh 76 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 Small Show Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 1,237 Mcf/d Final open flow show Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 1737 psig (surface measurement) after 48 hours shut in

(If applicable due to multiple completion--)

10/06/2023

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

(Continue on reverse side)

GIL. 4155

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

ELK, ALEXANDER - 5239 to 5058 - 500 Gal 15% Hcl (30,000# 20-40) 82 MCF N₂

BENSON, 3RD RILEY - 4877 to 4766 - 750 Gal 15% Hcl (10,000# 80-100), (20,000# 20-40)
93 MCF N₂

3rd RILEY - 4742 to 4655 - 750 Gal 15% Hcl (10,000# 80-100) (20,000# 20-40) 93 MCF N₂

2ND RILEY, BALLTOWN - 4514 to 4056 - 750 Gal 15% Hcl (10,000# 80-100) (20,000# 20-40)
90 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
Clay			0	5	
Red Rock			5	15	
Sand and Shale			15	146	½" stream @ 76'
Sand, Shale, Red Rock			146	923	
Sand, Shale			923	1990	
Little Lime			1990	2000	
Sand and Shale			2000	2032	
Big Lime			2032	2120	
Big Injun			2120	2170	
Sand and Shale			2170	3330	
Speechly Section			3330	4000	
Balltown Section			4000	4490	
Riley Section			4490	4880	Gas @ 4856 $\frac{4}{10}$ - ½" w/w
Benson			4880	4900	
Sand and Shale			4900	5100	
Alexander			5100	5148	
Shale			5148	5180	
Elk			5180	5240	
Shale			5240	5354	TD

(Attach separate sheets as necessary)

WACO OIL & GAS COMPANY, INC.
Well Operator

By: Kenneth Greenlief *Kenneth Greenlief*

Date: 4/19/84

10/06/2023

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
APR 3 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 21-4135

Oil or Gas Well _____
(KIND)

Company <u>WACO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Cooper</u>	16			Kind of Packer _____
Well No. <u>1A</u>	13			
District <u>Troy</u> County <u>Gil</u>	10			Size of _____
Drilling commenced <u>3-26-84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names MORRIS 7

Remarks: 882' of 8 5/8" 230 GKS. CEMENT, DOWELL 3-27-84

3-27-84

DATE

10/06/2023

DISTRICT _____

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

RECEIVED

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks:

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

DISTRICT WELL INSPECTOR
10/06/2023

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

RECEIVED
MAY 16 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
(KIND)

Permit No. 21-4135

Company WACO
 Address _____
 Farm COOPER
 Well No. 1A
 District TROY County Gil
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Pit was about to break, - SAID ROCK SANDY -
water trucks were dispatched to remove water.
Dozer working on access road - Reclaiming -

4-11-84
DATE

W. Lee M... 4/06/2023
DISTRICT WELL INSPECTOR

2/16/82

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

RECEIVED

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

DISTRICT WELL INSPECTOR
10/06/2023

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

RECEIVED
MAY 16 1984

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

Permit No. 21-4155

Oil or Gas Well _____
(KIND)

Company WACO

Address _____

Farm Cooper

Well No. 1 A

District Troy County Sil

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Mr. Chapman [LANDOWNER] called, 8 PM
He wanted to make an official request:
 1. That his top soil be replaced, even if it had to be trucked in.
 2. That if it was not replaced, he would be compensated for doing so himself.
 3. That I was not to release bond until he was satisfied.

4-12-84
DATE

W. S. M... 10/06/2023
DISTRICT WELL INSPECTOR

2/16/82

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

RECEIVED

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 NO. 10/06/2023

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

RECEIVED
APR 24 1984

INSPECTOR'S WELL REPORT

Permit No. 21-4135

OIL & GAS DIVISION
DEPT. OF MINES
(KIND)

Company Waco

Address _____

Farm Cooper

Well No. 1 A

District Tracy County Gil.

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: (Surface owner)
Tracy Chapman called 6 PM.
Questioned me as to if or not, I was going to
enforce the laws of West Virginia and make
Uke Morris replace his top soil.

4-21-84
DATE

D. S. Morris 10/06/2023
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 _____ 10/06/2023



RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

JAN 8 1986

State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
May 1, 1984

COMPANY Waco Oil & Gas Co., Inc.

PERMIT NO 021-4155 (2-24-84)

1297 N. Lewis Street

FARM & WELL NO Cooper #1A

Glenville, West Virginia 26351

DIST. & COUNTY Troy/Gilmer

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

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

SIGNED *Des Mace*

DATE 1-4-86

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-Oil & Gas Division

January 16, 1986

DATE

IV-27
9-83

RECEIVED

MAY 2 - 1984



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

Date: APRIL 23, 1984
Well No: COOPER 1A
API NO: 47 - 21 - 4155
State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil ___ / Gas ___ Liquid Injection ___ / Waste Disposal ___ /
Of "Gas" - Production ___ / Storage ___ / Deep ___ / Shallow X /
LOCATION: Elevation: 1141 Watershed: HORN CREEK
District: TROY County: GILMER Quadrangle: ___
WELL OPERATOR WACO OIL & GAS DESIGNATED AGENT KENNY GREENLIEF
Address ___ Address P.O. BOX 4
GLENNVILLE WV 26351

The above well is being posted this 23 day of APRIL, 1984, for a violation of Code 22-4-___ and/or Regulation 23.01, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

ACCESS ROAD WAS NOT BUILT ON LOCATION, AS OUTLINED ON RECLAMATION PLAN. IN EFFECT, THE ROAD WAS CONSTRUCTED WITHOUT A RECLAMATION PLAN.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.
You are hereby granted until APRIL 30, 1984, to abate this violation.
Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Duo Mace
Oil and Gas Inspector
Address RT 1 Box 5
Sand Ridge WV 25274
Telephone: 655 - 7398
10/06/2023

W-27
8-88

RECEIVED

MAY 2 - 1984



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

Oil and Gas Division
NOTICE OF VIOLATION

Date: APRIL 23, 1984
Well No: COOPER 1A
API No: 41-21-4182
State-County Permit

WELL TYPE: Oil / Gas / Liquid / Steam / Waste Disposal
Production: / Deep / Shallow X
LOCATION: Elevation: 1111 / Watershed: HORN CREEK
District: TROY / County: GARMIN
WELL OPERATOR: WACO OIL & GAS / DESIGNATED AGENT: KENNETH GREENBERG
Address: P.O. Box 11 / LAURENCE, WV 26041

The above well is being posted this 23 day of APRIL 1984, for a violation of Code 22-4- and/or Regulation 2301, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

NOTICE: ROAD WAS NOT BUILT ON LOCATION, AS
OUTLINED ON RECLAMATION PLAN. IN EFFECT, THE ROAD
WAS CONSTRUCTED WITH OUT A RECLAMATION ON PLAN.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.
You are hereby granted until APRIL 30, 1984, to abate this violation.
Failure to abate this violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Oil and Gas Inspector

Address: P.O. Box 11 / LAURENCE, WV 26041
Telephone: 681-2212

10/06/2023

Date: August 23, 1984
Operator's Cooper 1A
Well Number _____
API Well No.: 47 - 21 - 4155
State County Permit

RECEIVED

AUG 28 1984

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

NOTICE OF ABATEMENT

OIL & GAS DIVISION
DEPT. OF MINES

WELL TYPE: Oil _____ / Gas _____ / Liquid Injection _____ / Waste disposal _____ /
 Underground _____
 If "Gas" - Production _____ / Storage _____ / Deep _____ / Shallow _____

LOCATION: Elevation: _____ Watershed: Horn Creek
 District: opray County: Gilmer Quadrangle: _____

WELL OPERATOR Waco Oil & Gas DESIGNATED AGENT Kenny Greenleaf
 Address _____ Address P.O. Box 4
Glendon W. 26351

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Aug 23, 1984, 19_____,
 The violation of Code § Reg. 23.01 heretofore found to exist on 4-23-, 1984, by Form IV-27, "Notice of Violation" ✓ / Form IV-28, "Imminent Danger Order" _____ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

- 1.
- 2.
- 3.

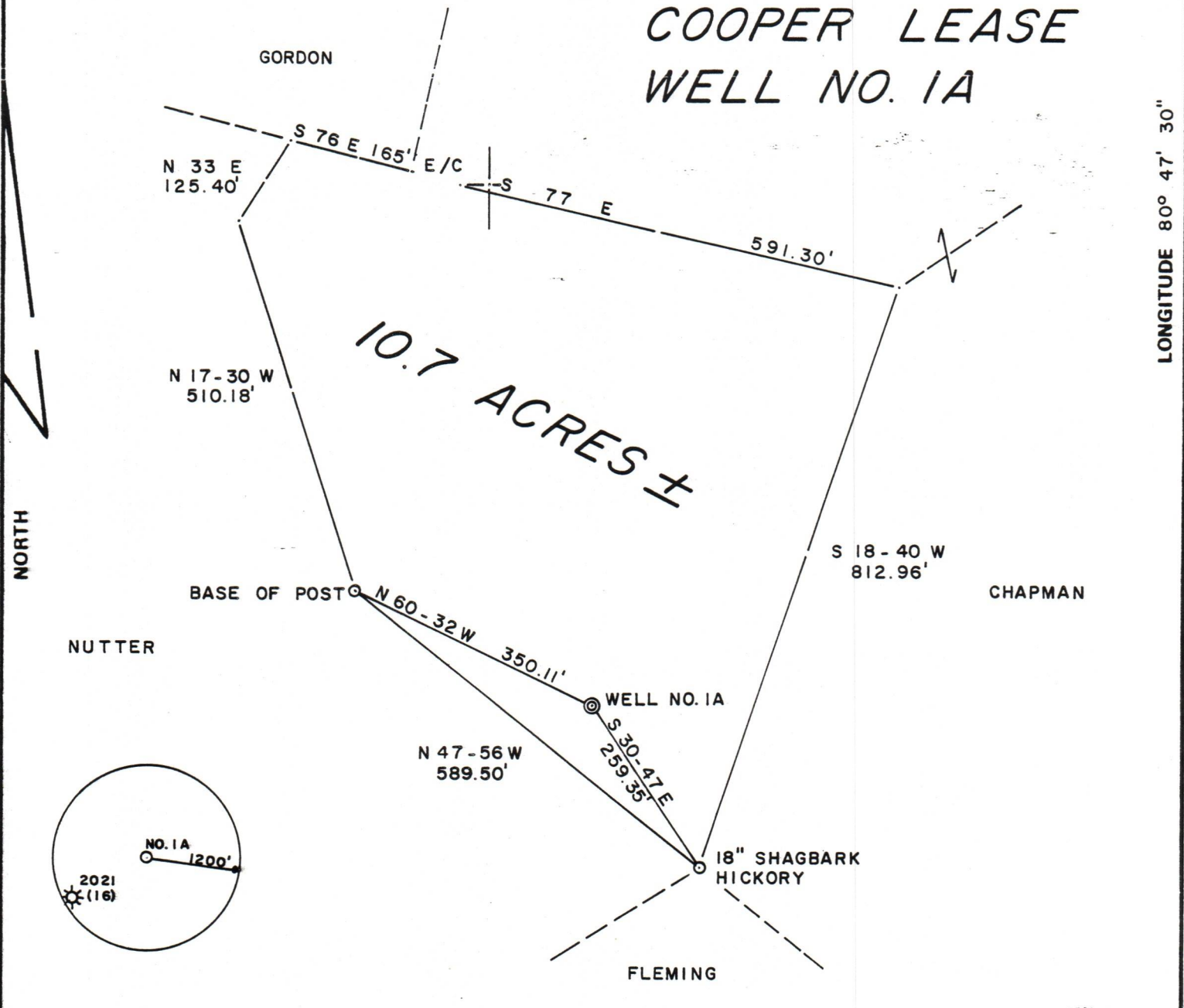
A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Dew Mace
 Oil and Gas Inspector
 Address _____
 Telephone _____

LATITUDE 39° 05' 00"

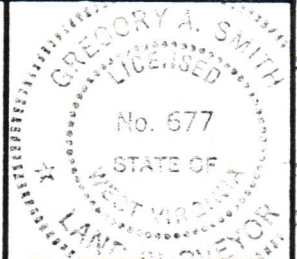
COOPER LEASE WELL NO. 1A

LONGITUDE 80° 47' 30"



FILE NO. 12-48
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JUNCT. OF ROADS
ELEV. 937'

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 JAN. 5, 19 84
 OPERATOR'S WELL NO. 1A
 API WELL NO. 47-021-4155
 STATE 47 COUNTY 021 PERMIT 4155

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 1141' WATER SHED HORN CREEK
 DISTRICT TROY COUNTY GILMER
 QUADRANGLE AUBURN 7.5'
 SURFACE OWNER TERRY CHAPMAN ACREAGE 10.7
 OIL & GAS ROYALTY OWNER NELSON GARRETT, et. al. LEASE ACREAGE 10 10/06/2023
 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 5800'
 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