



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

1) Date: January 23, 19 83  
2) Operator's Well No. Bessler #2  
3) API Well No. 47 State 085 County 6399 Permit

DRILLING CONTRACTOR:  
Union Drilling

4) WELL TYPE:  Oil  Gas  (If Gas, Production)  Underground storage \_\_\_\_\_  
Elevation: 70' Watershed: Myers Fork Quadrange: Petroleum  
District: Grant County: Ritchie Address: Donald C. Kesterson  
WELL OPERATOR Amber Oil Co., Inc. 11) DESIGNATED AGENT P.O. Box 2036  
Address 1308 Market Street Parkersburg, WV 26101 Address Parkersburg, WV 26102

7) OIL & GAS ROYALTY OWNER G. D. Bessler  
Address \_\_\_\_\_

8) SURFACE OWNER G. D. Bessler  
Address \_\_\_\_\_  
Acreage 146

9) FIELD SALE (IF MADE) TO:  
Address \_\_\_\_\_  
Acreage 146

10) OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Samuel N. Hershman  
Address Box 66, Smithville, WV 26178  
Phone: 304 477-3597

15) PROPOSED WORK: Drill  Drill deeper \_\_\_\_\_ Redrill \_\_\_\_\_  
Plug off old formation \_\_\_\_\_ Perforate new formation \_\_\_\_\_  
Other physical change in well (specify) \_\_\_\_\_  
Fracture or stimulate \_\_\_\_\_

16) GEOLOGICAL TARGET FORMATION, Marcellus Shale

17) Estimated depth of completed well, 5990 feet

18) Approximate water strata depths: Fresh, 60 feet; salt, 15 feet.

19) Approximate coal seam depths: N/A Is coal being mined \_\_\_\_\_

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Well
Conductor	11-3/4			X		40'	
Fresh water						100'	
Coal							
Intermediate	8-5/8		23#	X		1000'	1
Production	4-1/2		10.5#	X		5990'	5
Tubing							
Liners							

21) EXTRACTION RIGHTS

Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifications.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is 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 Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Betty Schneid  
My Commission Expires 1-3-89

Signed Donald C. Kesterson  
AGENT

OFFICE USE ONLY  
DRILLING PERMIT

08/18/2023

Permit number 47-085-6399

April 20 19 83

This permit covering the well operator and well location shown below is evidence of drilling in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Not to be used for the construction of roads, locations and pits for any permittee well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.**

Permit expires December 20, 1983

Bond:	Agent:	Plat:	Casing	Fee
<u>BB</u>	<u>ls</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>537</u>

unless drill to that date and prosecuted with due diligence.  
Director, Office of Oil and Gas

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

Line Item Explanation

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

The following well location map exists which covers the area of the well location, the well location has been added to the mine map. The coal operator has complied with the requirements of the West Virginia Code and the governing regulations.

WAIVER

08/18/2023

owner \_\_\_\_\_ / lessee \_\_\_\_\_ of the coal under this well location has examined this proposed well location map exists which covers the area of the well location, the well location has been added to the mine map. The coal operator has complied with the requirements of the West Virginia Code and the governing regulations.

By \_\_\_\_\_  
Its \_\_\_\_\_

Date: \_\_\_\_\_

Bessler. Lease.

ITEM #21 - EXTRACTION RIGHTS  
CODE 22-4-11 (C)

46 ACRES Grant. DISTRICT Richie COUNTY, WV

BOUNDED AS FOLLOWS:

- ON THE NORTH BY G.W. Gale
- ON THE EAST BY G.W. Gale
- ON THE SOUTH BY Jesse Rector
- ON THE WEST BY W.T. Wyatt

LESSORS AND ADDRESS	PERCENT OGM ROYALTY INTEREST	RECORDING	
		BK	PG
<u>Bessler, G.P. Do</u>			
<u>Room 904</u>			
<u>104 E 40<sup>th</sup> St.</u>	<u>Surface &amp; Mineral</u>		
<u>New York, New York 10016</u>	<u>100%</u>	<u>149</u>	<u>819</u>

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APR 8 - 1983

OIL AND GAS DIVISION  
DEPT. OF MINES

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APR 14 1983

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DEPT. OF MINES

08/18/2023

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DEPARTMENT OF MINES  
OIL AND GAS DIVISION

W. S. ...

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APR 8 - 1983

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OIL AND GAS DIVISION

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DEPT. OF MINES  
OIL AND GAS DIVISION

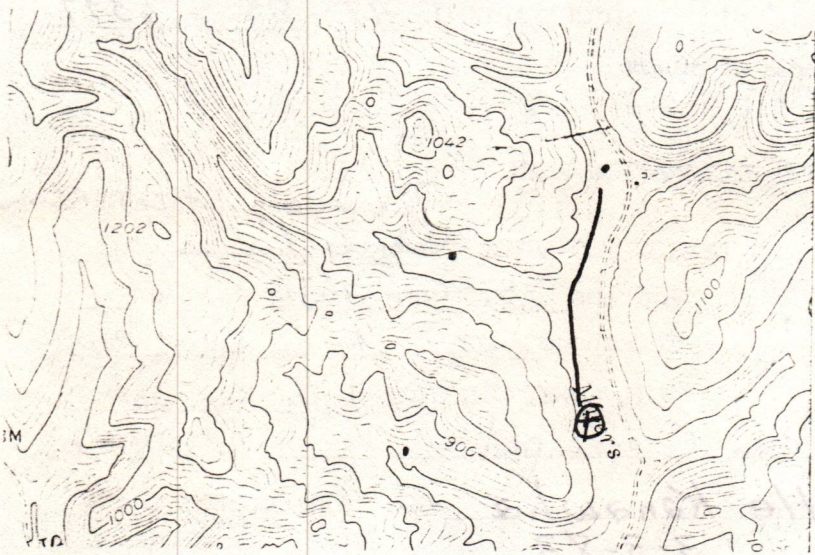
08/18/2023

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

LEGEND

Well Site ⊕

Access Road ———

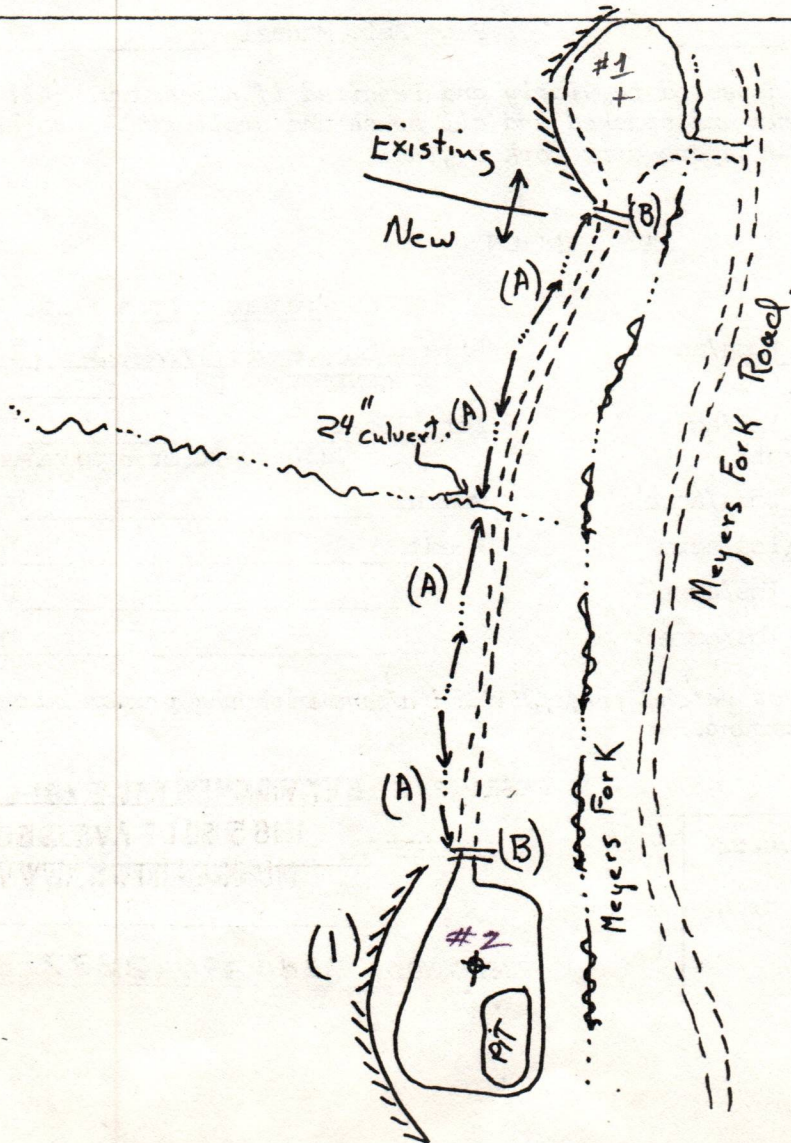


WELL SITE PLAN

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

LEGEND

Property boundary ————	Diversion ————
Road = = = = =	Spring ○ →
Existing fence — x — x —	Wet spot ☉
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ —
Open ditch — ···· — ···· — ···· —	Waterway ← = = = = =



08/18/2023



IV-9  
(Rev 8-81)

DATE January 23, 1983.  
WELL NO. Bressler # 2.  
API NO. 47-85-6399

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME AMBER OIL CO INC  
American Investors Inc.  
Address Rockville, Md 20852  
Telephone 301-281-1800  
LANDOWNER George D. Bessler  
Revegetation to be carried out by John C Hempel (Agent)

DESIGNATED AGENT DONALD C. KESTERSON  
John C Hempel  
Address P.O. Box 3038  
Telephone Morgantown WV 26505  
SOIL CONS. DISTRICT Little Kanawa

This plan has been reviewed by Little Kanawa SCD. All corrections and additions become a part of this plan: 3-3-83 (Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Open Drainage</u> (A) Spacing _____ Page Ref. Manual <u>2.12</u>	Structure <u>Diversion</u> (1) Material _____ Page Ref. Manual <u>2.12</u>
Structure <u>Grass Drains</u> (B) Spacing _____ Page Ref. Manual <u>2.12 2-1</u>	Structure _____ (2) Material _____ Page Ref. Manual _____
Structure _____ (C) Spacing _____ Page Ref. Manual _____	Structure <u>APR 8 - 1983</u> (3) Material <u>OIL AND GAS DIVISION WV DEPARTMENT OF MINES</u> Page Ref. Manual _____

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All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I  
Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay 2 Tons/acre  
Seed\* Fescue 50 lbs/acre  
\_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre

Treatment Area II  
Lime Same as Area I 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.

PLAN PREPARED BY ENVIRONMENTAL EXPLORATION, INC. 08/18/2023

ADDRESS 165 SCOTT AVE. SUITE 104  
MORGANTOWN, WV 26505

PHONE NO. 304-296-2377

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

Amber Oil Co., Inc.

DONALD KESTERSON  
Petroleum Geologist

P.O. BOX 2036, PARKERSBURG, WV. 26101 PHONE: (304) 485-9111

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MAY 14 1985

May 6, 1985

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

W. Va. Department of Mines  
Oil and Gas Division  
Charleston, W. Va.

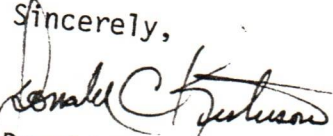
RE: Cancellation of present  
undrilled permits.

Dear Sir,

The purpose of this letter is to cancel all undrilled permits under  
my Amber Oil Co., Inc. bond.

Presently, only the Hanlin Well drilled under permit #47-073-1648  
has been drilled. The present owner of the Hanlin Well is supposed to  
be posting their own drilling bond in the near future. When this takes  
place, please notify me in writing.

Should you have any further questions, please advise me at your earliest  
convenience.

Sincerely,  
  
Donald C. Kesterson  
Petroleum Geologist

08/18/2023

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
STATUS INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

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JUL 9 - 1985

OIL & GAS DIVISION

DEPT. of MINES

Permit No. 47-085-6399  
 Company. G. D. Bessler  
 Inspector. Samuel Hersman  
 Date. May 24, 1985

County. Ritchie  
 Farm. G. D. Bessler  
 Well No. 2  
 Issued. 4-20-83

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to starting Work	<input type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strength	<input type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
23.03	Reclaimed Drilling Site	<input type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input type="checkbox"/>	<input type="checkbox"/>
7.03	Identification Markings	<input type="checkbox"/>	<input type="checkbox"/>

COMMENTS: Amber Oil Co., wants to cancel all undrilled permits. Please inspect and cancell if not drilled.

*Please cancel, no well work done*

I have inspected the above well and (Have/Have Not) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas-Department of Mines of the State of West Virginia.

SIGNED: Samuel Hersman  
 DATE: 7-5-85

08/18/2023



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JUL 19 1923

OIL & GAS DIVISION

DEPT. OF MINES

08/18/2023



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS  
 1615 Washington Street, East  
 Charleston, West Virginia 25311  
 Telephone: 348-3500

July 16, 1985

ARCH A. MOORE, JR.  
 Governor

Amber Oil Co., Inc.  
 P. O. Box 2036  
 Parkersburg, West Virginia 26101

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below: (PERMIT CANCELLED-NEVER DRILLED)

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>	<u>ISSUED</u>
47-085-6398	G. D. Bessler #1	Grant	4-20-83
47-085-6399	G. D. Bessler #2	Grant	4-20-83
47-085-6400	G. D. Bessler #3	Grant	4-20-83
47-085-6446	WV Investment #D-4	Grant	5-06-83
47-085-6447	WV Investment Corp.#D-8	Grant	5-06-83

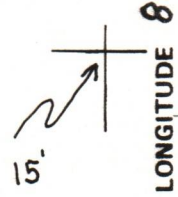
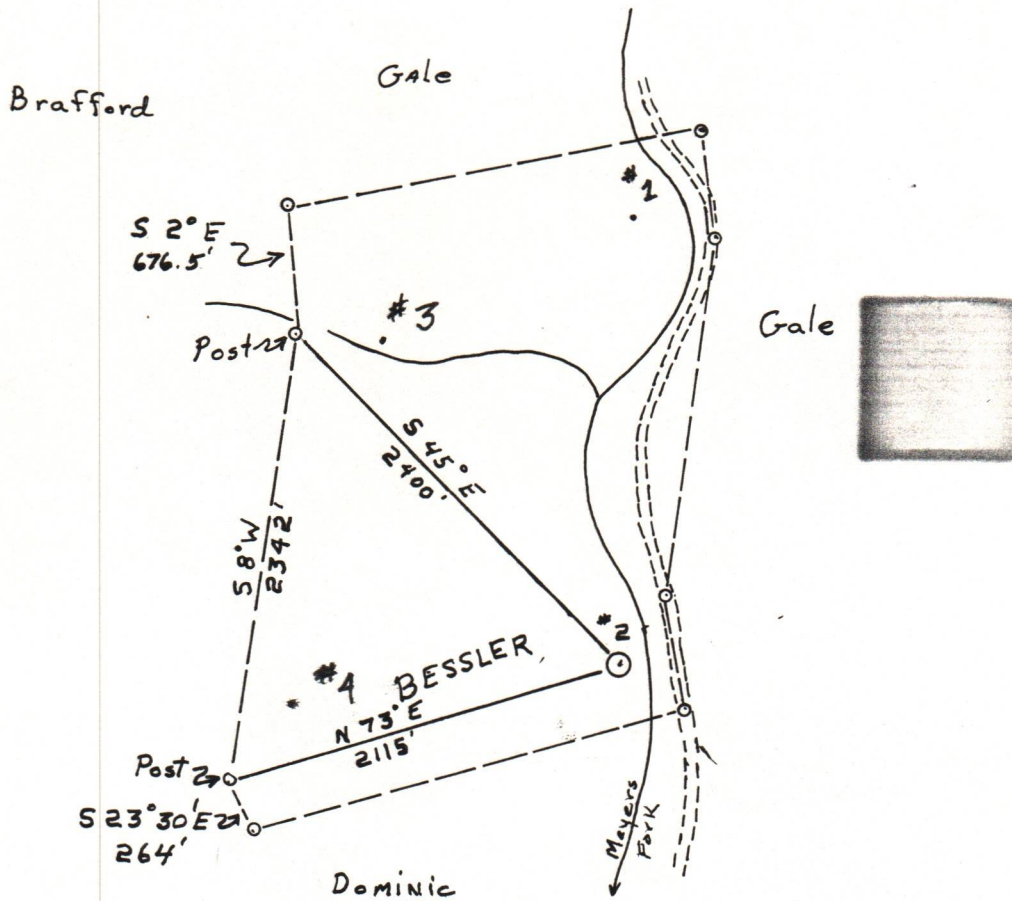
In accordance with Chapter 22B, Article 1, Section 26, the above captioned wells will remain under bond coverage for "life of wells". Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit

08/18/2023

NORTH



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1"/200'  
 PROVEN SOURCE OF ELEVATION VOLCANO RD.  
(766')

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) George H. Hixon  
 R.P.E. 8879 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE JANUARY 23, 1983  
 OPERATOR'S WELL NO. BESSLER 2  
 API WELL NO. \_\_\_\_\_  
47 - 085 - 6399  
 STATE COUNTY PERMIT



WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 790 WATER SHED MEYERS FORK  
 DISTRICT GRANT COUNTY RICHIE  
 QUADRANGLE PETROLEUM 7.5'

SURFACE OWNER G. D. BESSLER ACREAGE 146  
 OIL & GAS ROYALTY OWNER GD BESSLER LEASE ACREAGE 146  
 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) \_\_\_\_\_

08/18/2023

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5990'  
 WELL OPERATOR AMBER OIL CO. DESIGNATED AGENT DONALD C. KESTERSON  
 ADDRESS P.O. Box 2036 ADDRESS SAME  
TARKERSBURG W.V.

06911

17. 6399