



1) Date: January 23, 19 83
 2) Operator's Well No. Bessler #3
 3) API Well No. 47 - 085 - 6400
 State West Virginia County Ritchie Permit 6400

DRILLING CONTRACTOR:

Union Drilling

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 780' Watershed: Myers Fork
 District: Grant County: Ritchie Quadrangle: Petroleum
- 6) WELL OPERATOR Amber Oil Co., Inc. 11) DESIGNATED AGENT Donald C. Kesterson
 Address 1308 Market Street Address P. O. Box 2036
Parkersburg, WV 26101 Parkersburg, WV 26102
- 7) OIL & GAS ROYALTY OWNER G. D. Bessler 12) COAL OPERATOR N/A
 Address _____ Address _____
 Acreage _____
- 8) SURFACE OWNER G. D. Bessler 13) COAL OWNER(S) WITH DECLARATION ON RECORD N/A
 Address _____ Name _____
 Address _____ Address _____
 Acreage 146 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO: N/A 14) COAL LESSEE WITH DECLARATION ON RECORD N/A
 Address _____ Name _____
 Address _____ Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel N. Hersman
 Address Box 66, Smithville, WV 26178
Ph: 304 477-3597
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 17) Estimated depth of completed well, 5990 feet
 18) Approximate water strata depths: Fresh, 60 feet; salt, 1500 feet.
 19) Approximate coal seam depths: N/A Is coal being mined in the area? Yes / No

RECEIVED
APR 14 1983
OIL & GAS DIVISION
DEPT. OF MINES
RECEIVED
APR 8 - 1983
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

20) 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	11-3/4			X		40'	40'	CTS	Kinds
Fresh water						100	100	CTS	NEAT
Coal									Sizes
Intermediate	8-5/8		24#	X		1000'	1000'		
Production	4-1/2		10.5#	X		5990'	5990'	300 sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

21) 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.)

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 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.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by 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 or delivery 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
 Its: PRESIDENT

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6400 Date April 20 1983
08/18/2023

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. 10) 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.)

Permit expires December 20, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>lo</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>537</u>
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Fred Bumbell
 Administrator, Office of Oil and Gas

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 fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member 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 member of the "Onondaga Group" or at a depth less than six thousand feet, whatever 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 be 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 well 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 cementing 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, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the 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 parties to 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 number 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 22-4-11(e).
- 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, 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", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from 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 make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

08/18/2023

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

By _____

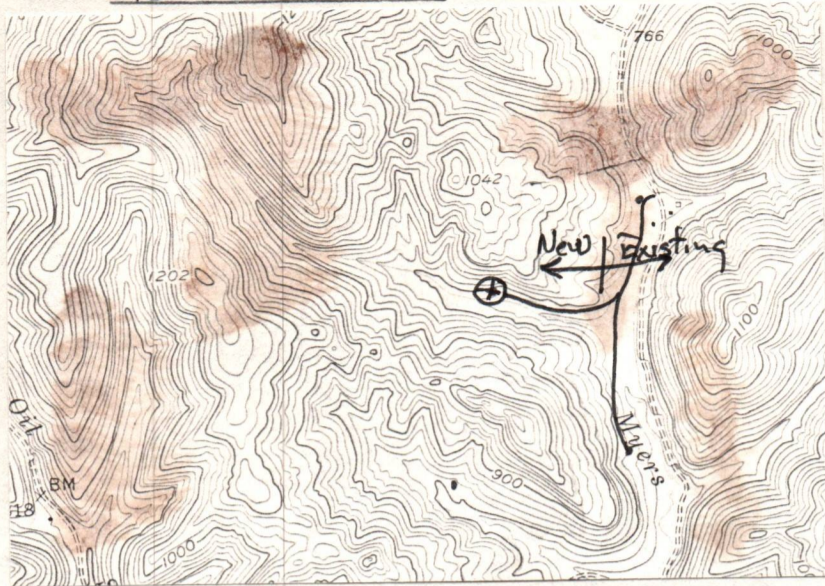
Its _____

ATTACH OR PHOTOCOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Petroleum 7.5

LEGEND

Well Site ⊕

Access Road ———

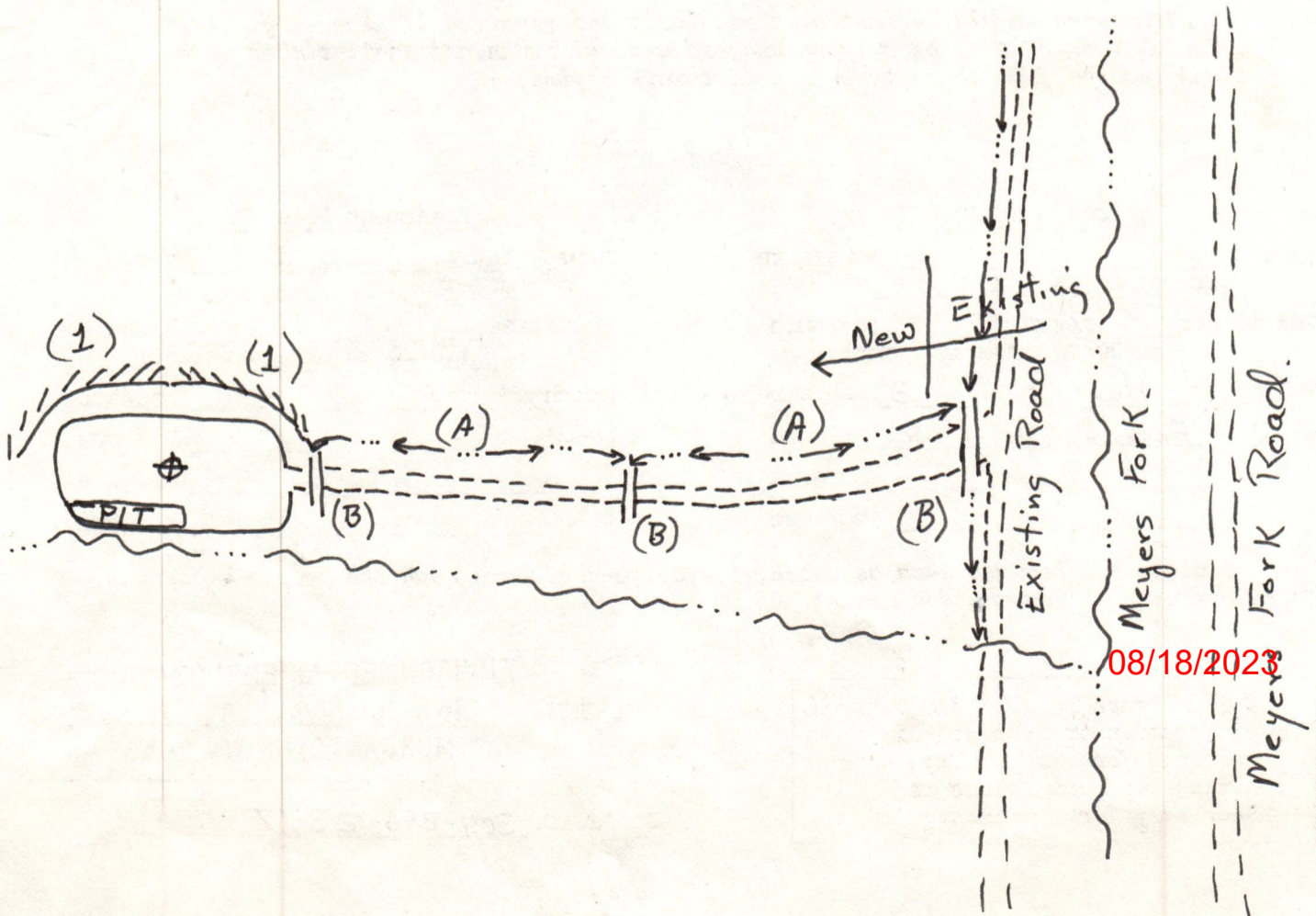


WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well site, 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	←≡≡≡≡





IV-9
(Rev 8-81)

DATE January 23 1983.
WELL NO. Bessler #3
API NO. 47-85-6400

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 301-881-1800
LANDOWNER George D Bessler
Revegetation to be carried out by _____

DESIGNATED AGENT DONALD C. KESTERSON
John G. Hempel
Address P.O. Box 3038
Telephone Morgantown W.Va. 26505
SOIL CONS. DISTRICT Little Kanawa
(Agent)

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

(Date)
Jarrett Newlon
(SCD Agent)

ACCESS ROAD

LOCATION

Structure open Drainage (A)
Spacing _____
Page Ref. Manual 2.12
Structure Grass Drains (B)
Spacing _____
Page Ref. Manual 2.12 2-1
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure Diversion (1)
Material _____
Page Ref. Manual 2.12
Structure RECEIVED (2)
Material _____
Page Ref. Manual APR 8 - 1983
Structure _____ (3)
Material _____
Page Ref. Manual _____

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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 seedling 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

RECEIVED

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

RECEIVED
 JUL 9 - 1985
 OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 47-085-6400 County. Ritchie
 Company. Amber Oil Co., INC. Farm. G. D. Bessler
 Inspector. Samuel Hersman Well No. 3
 Date. May 24, 1985 Issued. 4-20-83

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	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

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 M. Hersman

DATE: 7-5-85

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

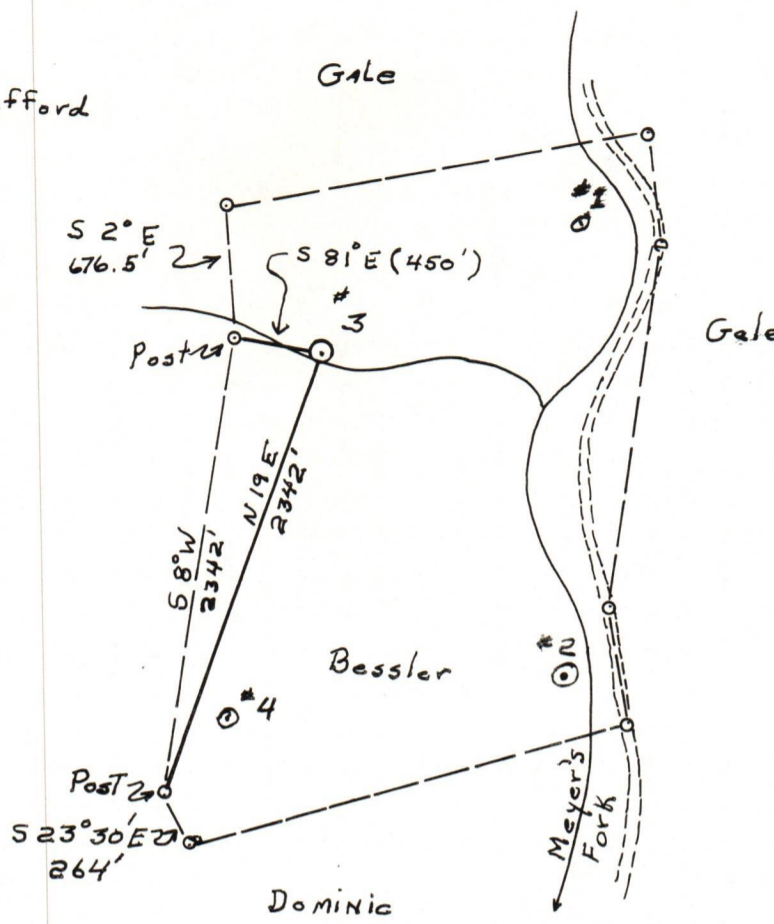
4-12-83

← 3599' →

LATITUDE 39° 15'

Brafford

Gale



LONGITUDE 81° 15'

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) [Signature]
 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 #3
 API WELL NO. 47-085-6400
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 808' WATER SHED Meyers Fork
 DISTRICT Grant COUNTY Richie
 QUADRANGLE Petroleum 7.5'

SURFACE OWNER G.D. Bassler ACREAGE 146
 OIL & GAS ROYALTY OWNER G.D. Bassler LEASE ACREAGE 146 **08/18/2023**

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 Marcellus ESTIMATED DEPTH 5990'
 WELL OPERATOR AMBER OIL CO INC DESIGNATED AGENT DONALD C. KESTERSON
 ADDRESS PO Box 2036 ADDRESS SAME
WALKERS BURG VA 26101