



1) Date: March 30, 1982  
 2) Operator's Well No. Bogart # 1  
 3) API Well No. 47 001 1934  
 State            County            Permit           

DRILLING CONTRACTOR:

S.W. Jack Drilling Co.  
Box 48  
Buckhannon, WV 26201

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil            / Gas x /  
 B (If "Gas", Production x / Underground storage            / Deep            / Shallow x /)
- 5) LOCATION: Elevation: 1760 Watershed: Tygart Valley River  
 District: Philippi County: Barbour Quadrangle: Philippi
- 6) WELL OPERATOR Bogart Coal & Gas 11) DESIGNATED AGENT Raymond K. Bogart  
 Address Rt. # 6, Box 443 Address Rt. # 6, Box 443  
Buckhannon, WV 26201 Buckhannon, WV 26201
- 7) OIL & GAS ROYALTY OWNER Raymond K. Bogart 12) COAL OPERATOR Badger Coal Co  
 Address Rt. # 6, Box 443 Address Depot St.  
Buckhannon, WV 26201 Philippi, WV 26416  
 Acreage 694.5
- 8) SURFACE OWNER Raymond K. Bogart 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Rt. # 6, Box 443 Name Raymond K. Bogart  
Buckhannon, WV 26201 Address Rt. # 6, Box 443  
Buckhannon, WV 26201  
 Acreage 694.5 Name             
 Address
- 9) FIELD SALE (IF MADE) TO: Name             
 Address Unknown
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name Robert Stewart Name Badger Coal Co.  
 Address P.O. Box 345 Address Depot St.  
Jane Lew, WV 26378 Philippi, WV 26416
- 15) PROPOSED WORK: Drill x / Drill deeper            / Redrill            / Fracture or stimulate x /  
 Plug off old formation            / Perforate new formation             
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Haverty
- 17) Estimated depth of completed well, 5500 feet  
 18) Approximate water strata depths: Fresh, 75 feet; salt, None feet.  
 19) Approximate coal seam depths: 262-65, 310-13 Is coal being mined in the area? Yes            / No x /

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	H-40	42	x		30	0	0 sks.	Kinds	
Fresh water	8 5/8	ERW	23	x		1000	1000	To surface		
Coal	8 5/8	ERW	23	x		1000	1000	To surface	Sizes <u>NEAT</u>	
Intermediate										
Production	4 1/2	J-55	10.5	x		5450	5450	450 sks.	Depths set	
Tubing										
Liners									Perforations: Top <u>          </u> Bottom <u>          </u>	

RECEIVED  
 APR 5 - 1983

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: Linda S. Campbell  
 My Commission Expires October 16, 1989

Signed: R.K. Bogart  
 Its: Designated Agent

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-001-1934 Date May 28 1983

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 January 28, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>ok</u>	Plat: <u>          </u>	Casing: <u>          </u>	Fee: <u>1234</u>
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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

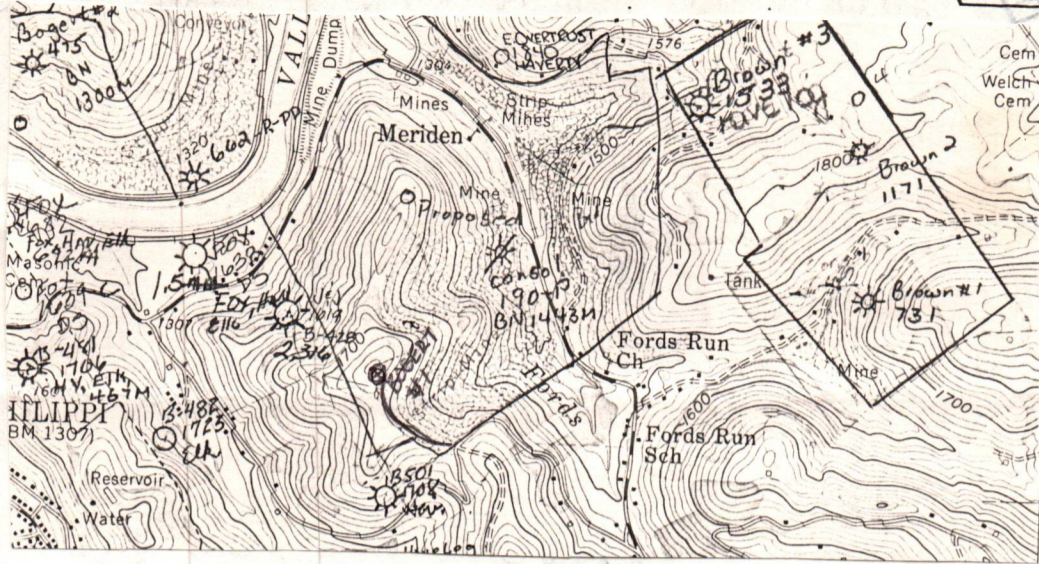
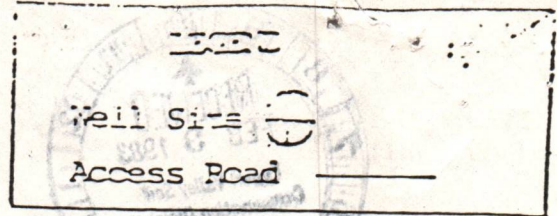
The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection 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 \_\_\_\_\_



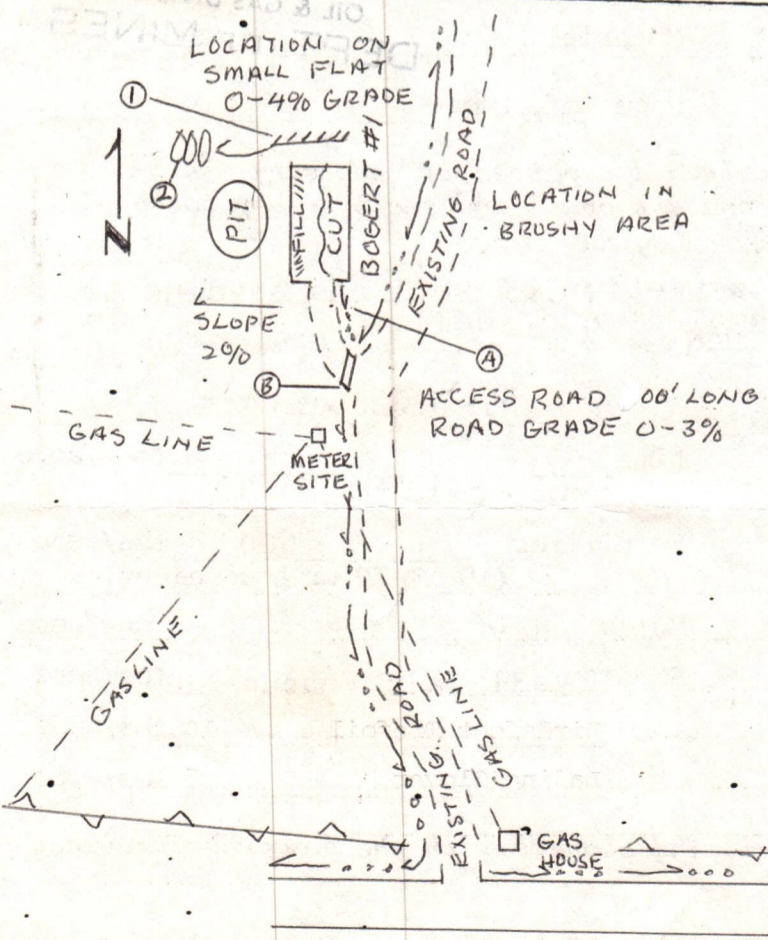


WELL SITE PLAN

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

LEGEND

- |                   |            |
|-------------------|------------|
| Property boundary | Diversion  |
| Road              | Spring     |
| Existing fence    | Wet spot   |
| Planned fence     | Building   |
| Stream            | Drain pipe |
| Open ditch        | Waterway   |



Access road will follow existing strip road. All grades for location and road are indicated on drawing as well as sediment control structures. All timber will be cut and stacked. Access road subject to change between company and land owner or acquirement of "Right of Way." If changed, a revised plan will be submitted. All cuts on 2:1 slope.

*Recommend topsoil to be stockpiled for use in Reclaiming.*



DATE 2/1/83

WELL NO. Bogert # 1

State of West Virginia

API NO. 47 - 001 - 1934

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc.

DESIGNATED AGENT Raymond Bogert

Address P.O. Box 48

Address Rt. 6 Box 443 Buckhannon, WV

Telephone Buckhannon, WV 26201

Telephone 472-0612

LANDOWNER Raymond Bogert

SOIL CONS. DISTRICT Tygarts Valley

Revegetation to be carried out by Robert Rogers (Agent)

This plan has been reviewed by Tygarts Valley SCD. All corrections and additions become a part of this plan: 2/7/83

Jean Freeman  
(Date)  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch

(A) Structure Diversion Ditch (1)

Spacing To be constructed along road

Material soil

Page Ref. Manual 2-10

Page Ref. Manual 2-12

Structure Culvert min 8" max 16"

(B) Structure Rip-Rap (2)

Spacing \_\_\_\_\_

Material Logs

Page Ref. Manual 2:8

Page Ref. Manual N/A

Structure \_\_\_\_\_

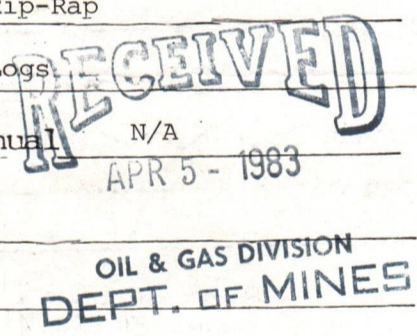
(C) Structure \_\_\_\_\_ (3)

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_



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.

Note: Drainage to be maintained after completion of well and seeding to commence within 3 months after completion of well.

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Mulch Hay 2 Tons/acre

Seed\* Ky-31 Tall Fescue 30 lbs/acre

Seed\* Ky-31 Tall Fescue 30 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Ladino Clover 5 lbs/acre

Ladino Clover 5 lbs/acre

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

PLAN PREPARED BY Ed Summerfield

ADDRESS P.O. Box 48

Buckhannon, WV 26201

PHONE NO. 472-9403

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

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS  
NOTICE OF EXPIRED PERMIT

**RECEIVED**  
JUL 23 1985

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

Permit number: 47- 1-1934  
Company: BOGERT COAL & GAS  
Date: 27-Jun-85  
Date issued: 5/28/83

County: BARBOUR  
Farm: BOGART, RAYMOND  
Well no.: BOGART #1  
Date expired: 1/28/84

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I have inspected the above wellsite and found no well work done. Please cancel this well work permit.

Signed: Donald R. Ellis  
Date: 7-17-85

RECEIVED

JUL 2 3 1982

OIL & GAS DIVISION

DEPT. OF MINES

County: BARBOUR  
Farm: BOGART, RAYMOND  
Well no.: BOGART #1  
Date expired: 5/28/82

Permit number: 1-1934  
Company: BOGART COAL & GAS  
Date: 5-28-82  
Date issued: 5/28/82

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS

NOTICE OF EXPIRED PERMIT

I have inspected the above well(s) and found no well done. Please  
cancel this well permit.

Signed: *W. M. ...*

Date: 5-17-82



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

August 9, 1985

ARCH A. MOORE, JR.  
 Governor

Bogart Coal & Gas  
 Rt. 6, Box 443  
 Buckhannon, West Virginia 26201

In Re: Permit No: 47-001-1934  
 Farm: Raymond K. Bogart  
 Well No: Bogart #1  
 District: Philippi  
 County: Barbour  
 Issued: 5-28-83

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

The well designated by the above captioned permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

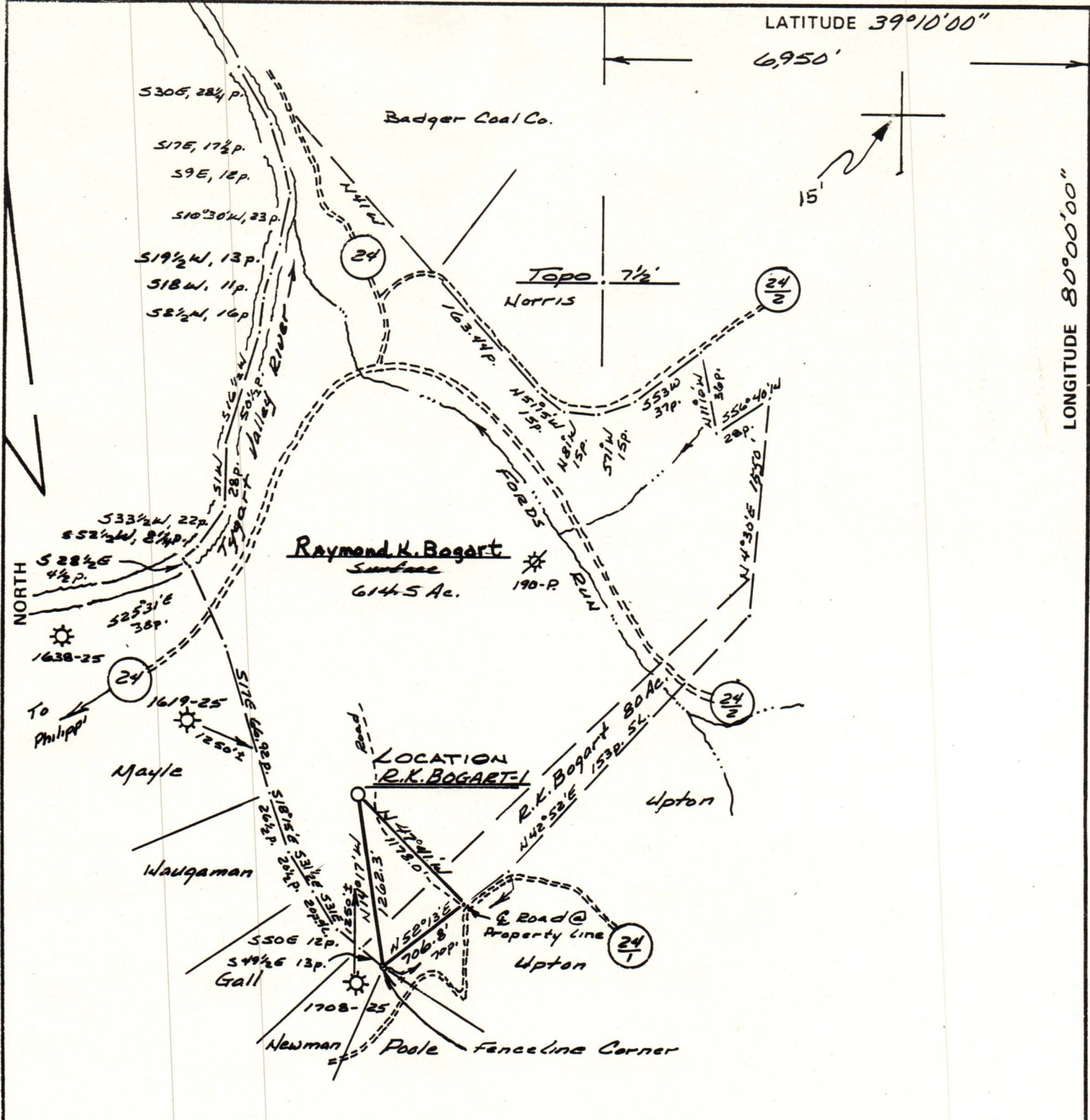
XXXX PERMIT CANCELLED - NEVER DRILLED

Very truly yours,

Theodore M. Streit

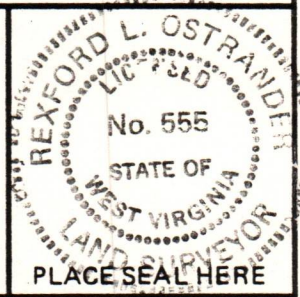
TMS/ nw





FILE NO. 346.01  
 DRAWING NO. 83-11  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 2500'  
 PROVEN SOURCE OF ELEVATION Spot Elev. 1304' North of Location.

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) Rexford L. Ostrander  
 R.P.E. \_\_\_\_\_ L.L.S. 555  
Buckhannon, W.Va.

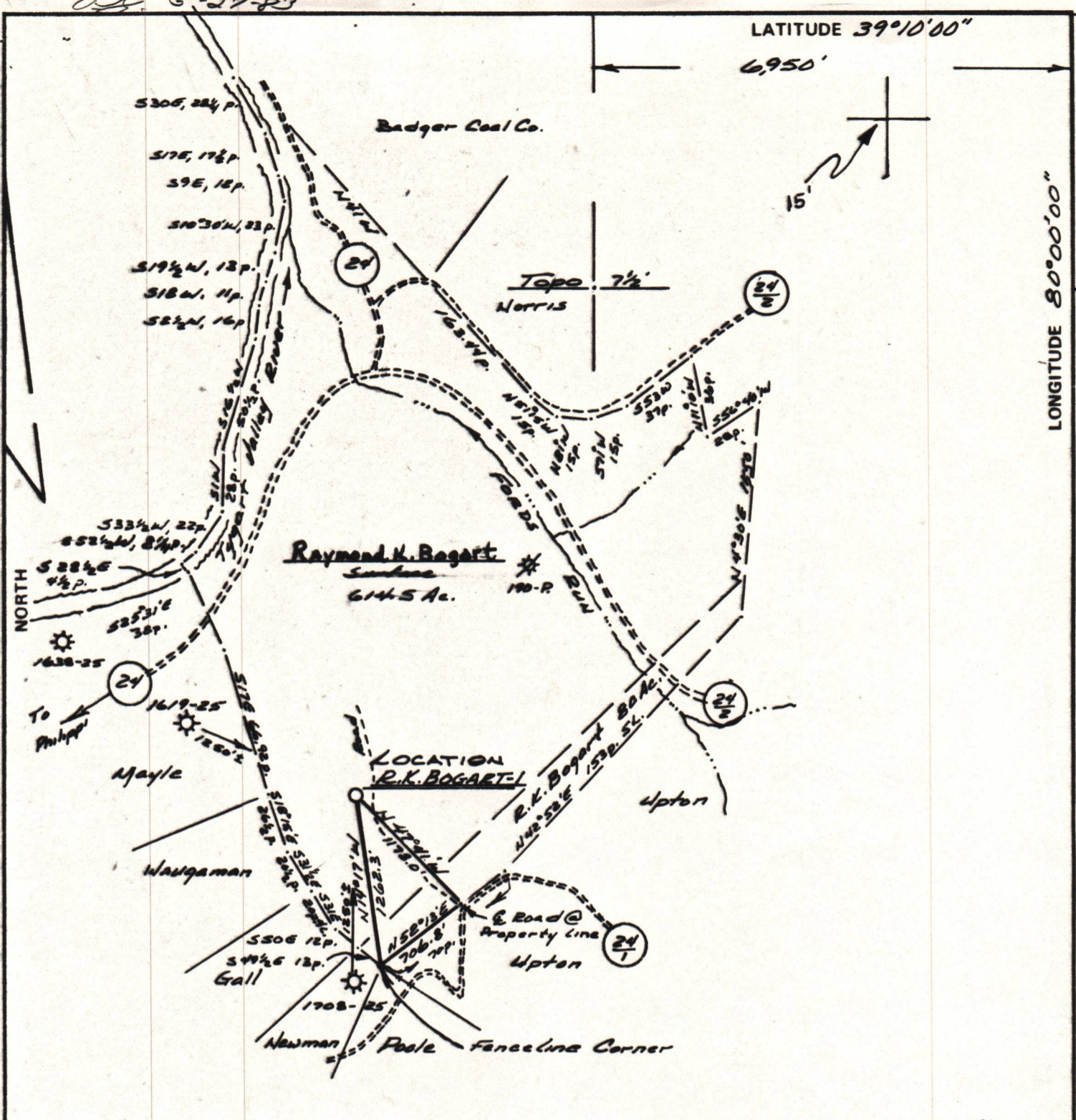


STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



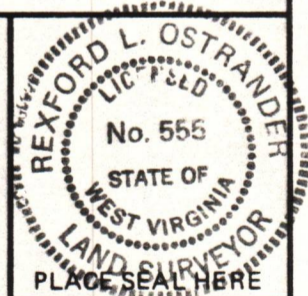
DATE February 3, 1983  
 OPERATOR'S WELL NO. R.K. BOGART-1  
 API WELL NO. 47-001-1934  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1760' WATER SHED Tygart Valley River  
 DISTRICT Philippi COUNTY Barbour  
 QUADRANGLE Philippi  
 SURFACE OWNER Raymond K. Bogart ACREAGE 614.5'  
 OIL & GAS ROYALTY OWNER Raymond K. Bogart LEASE ACREAGE 694.5  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Haverty ESTIMATED DEPTH 5500  
 WELL OPERATOR Bogart Oil & Gas DESIGNATED AGENT RAYMOND K. BOGART  
 ADDRESS Rt. 6, Box 443 ADDRESS Rt. 6, Box 443  
Buckhannon, W.Va. 26201 Buckhannon, W.Va. 26201



FILE NO. 346.01  
 DRAWING NO. 83-11  
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 (SIGNED) Rayford L. Ostrander  
 R.P.E. \_\_\_\_\_ L.L.S. 555  
Buckhannon, W.Va.



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE February 3, 19 83  
 OPERATOR'S WELL NO. R.K. BOGART-1  
 API WELL NO. \_\_\_\_\_  
47 - 001 - 1934  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
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 ADDRESS Rt. 6, Box 443 ADDRESS Rt. 6, Box 443  
Buckhannon, W.Va. 26201 Buckhannon, W.Va. 26201

*Cancelled*

BAC - 1934