

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) B & L OIL CO.

Address 1420 7th st.

PARKERSBURG, WV 26101

GEOLOGICAL TARGET FORMATION LOWER DEVONIAN

Estimated depth of completed well 5500' feet. Rotary xxx/ Cable tools /

Approximate water strata depths: Fresh, 300 feet; salt 300 feet.

Approximate coal seam depths: n/a

Is coal being mined in this area: Yes / No xx /

Salt Sand ≈ 1561'

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling		
Conductor	11 3/4	J55				250'	250'	Kinds
Fresh water								
Coal								Sizes
Intermed.	8 5/8	J55	24 1/2			1300'	1300'	to surface
Production	4 1/2	J55	10.5				5500'	sks. Depths set
Tubing								
Liners								Perforations:
								Top Bottom

NOTE: 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.

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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS ARE NOT COMMENCED BY 3-20-83

BY [Signature]

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:

W A I V E R

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 regularions.

Date: , 19 .

By:

Its:

BLANKET BOND

Per-5764

AFFIDAVIT OF ROYALTY PAYMENT

LEASE NAME: GEORGE WALLER
MINERAL OWNER: SAME AS ABOVE
WELL NAME: G. WALLER #1

I, C. Jo McCrady (the above designated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the 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, co-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.

Signed: C. Jo McCrady
(Owner, Operator, or Authorized Rep.)

Notary: Bruce E. Dool (Signed)
My Commission expires JUNE 3 1991

RECEIVED

JUL 15 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

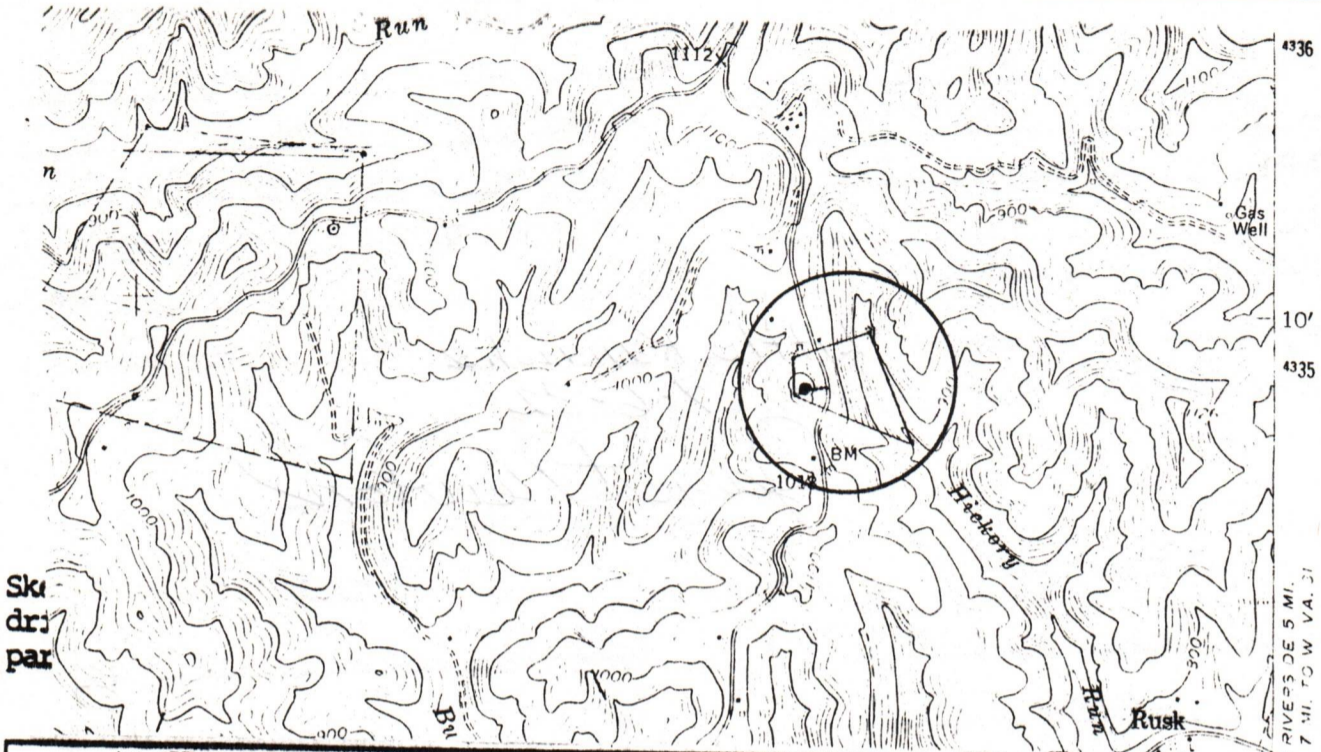
08/18/2023

ATTACH OR PHOTOCOPIY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Petroleum (7.5')

LEGEND

Well Site ⊕

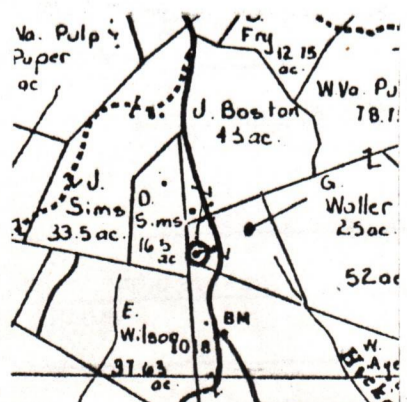
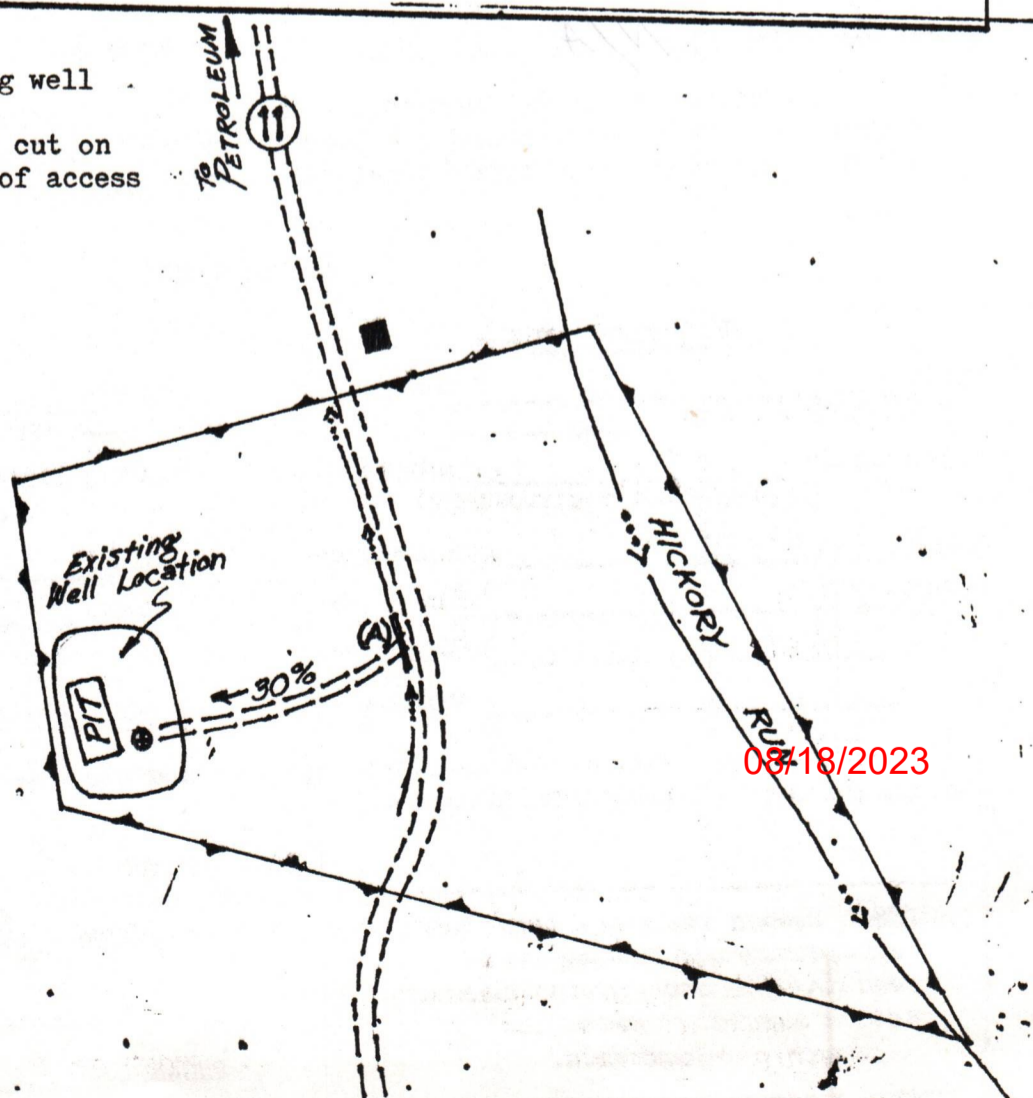
Access Road ———



LEGEND

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

- Comments: 1) Well site on existing well site
2) No brush or trees to cut on location, only 100' of access road
3) Access road 200'



03/18/2023



IV-9
(Rev 8-81)

DATE July 6, 1982
WELL NO. Waller #1
API NO. 42 - 085 - 5764

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME B&L Oil Company
Address 1420 7th Street Parkersburg, W.V.
26101
Telephone (304) 424-5220

DESIGNATED AGENT C. Jo McCrady
Address 1420 7th Street Parkersburg, W.V.
26101
Telephone (304) 424-5220

LANDOWNER _____
Revegetation to be carried out by _____

SOIL CONS. DISTRICT Little Kanawha
(Agent) _____

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 7-6-82 (Date)

Jarrett Newlon
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert (A)
Spacing 12" Min.-30" Max.
Page Ref. Manual 2:8

Structure _____ (1)
Material _____
Page Ref. Manual _____

Structure Cross Drain (B)
Spacing 40'
Page Ref. Manual 2-1

Structure _____ (2)
Material see
Page Ref. Manual _____

Structure Riprap (C)
Spacing Stone (40')
Page Ref. Manual N/A

Structure _____ (3)
Material _____
Page Ref. Manual _____

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JUL 9 1982
OIL & GAS DIVISION
DEPT. 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 500 1.5lbs/acre
(10-20-20 or equivalent)
Mulch hay or straw 1.5 Tons/acre
Seed* ky 31 40lbs/acre
Redtop 5lbs/acre
Ladino Clover 3lbs/acre
Timothy 6

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 1.5lbs/acre
(10-20-20 or equivalent)
Mulch hay or straw 1.5 Tons/acre
Seed* Ky-31 40lbs/acre
Redtop 5lbs/acre
Ladino Clover 3lbs/acre
Timothy

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

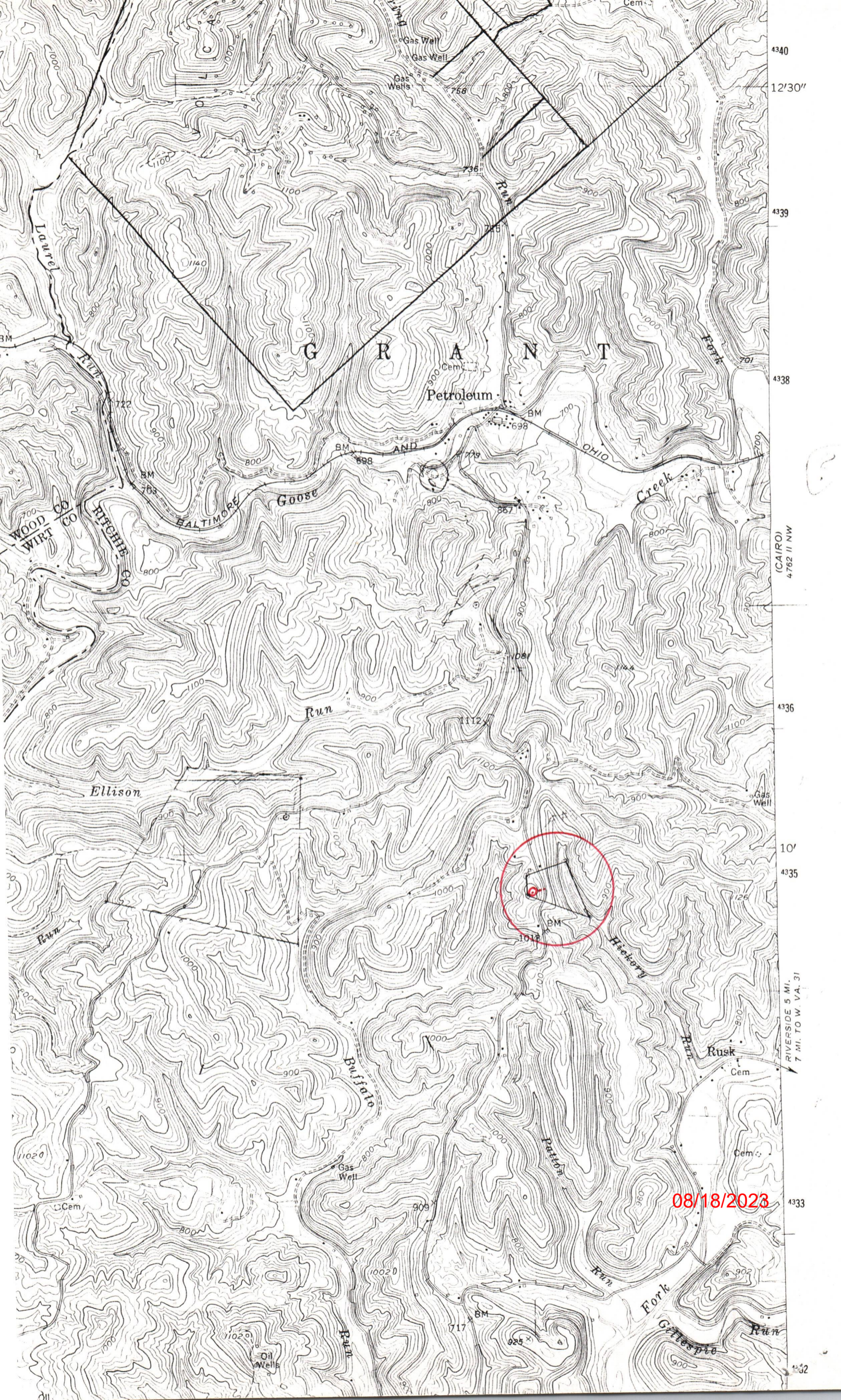
08/18/2023

PLAN PREPARED BY Bruce E. Doak

ADDRESS 1420 7th Street Parkersburg, W.V.
26101

PHONE NO. (304) 424-5220

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



4340

12'30"

4339

4338

(CAIRO)
4762 II NW

4336

10'

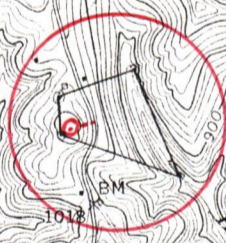
4335

RIVERSIDE 5 MI.
7 MI. TO W. VA. 31

4333

4332

08/18/2023



GRANT

Petroleum

Goose

Creek

Run

Ellison

Buffalo

Hickory

Rusk

Fork

Gillespie

Laurel Run

WOOD CO
WIRT CO

HITCHER CO

BALTIMORE

AND

OHIO

Gas Well
Gas Well
Gas Wells

Gas Well

Gas Well

Oil Wells

Cem.

Cem.

Cem.

Cem.

Cem.

BM 698

BM 700

BM 763

BM 698

BM 698

BM 700

BM 779

BM 1041

BM 1112

BM 1018

BM 125

BM 717

BM 925

1100

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JUL 09 1982

OIL & GAS DIVISION
DEPT. OF MINES

08/18/2023

RECEIVED

FEB 13 1985

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS

NOTICE OF EXPIRED PERMIT

Permit number: 47- 85-5764
Company: B & L OIL CO
Date: 27-Nov-84
Date issued: 7/20/82

County: RITCHIE
Farm: GEORGE WALLER #1
Well no.:
Date expired: / / 0

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

Signed: Samuel N. Kersman

Date: 2-5-85

08/18/2023



State of West Virginia

BARTON B. LAY, JR.
DIRECTOR

Department of Mines
Oil and Gas Division
Charleston 25305

THEODORE M. STREIT
ADMINISTRATOR

February 15, 1985

B & L Oil Co.
409 1/2 Market Street
Parkersburg, WV 26330

In Re: Permit No: 47-085-5764
Farm: George & Opal Waller
Well No: 1
District: Grant
County: Ritchie
Issued: 7-20-82

Gentlemen:

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

XXXXX The well designated by the above captioned permit number has been released under your Blanket Bond. (PERMIT CANCELLED - NEVER DRILLED)

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 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator
Dept. Mines-Office of Oil & Gas

TMS/nw

08/18/2023

M.S. 7/19/82

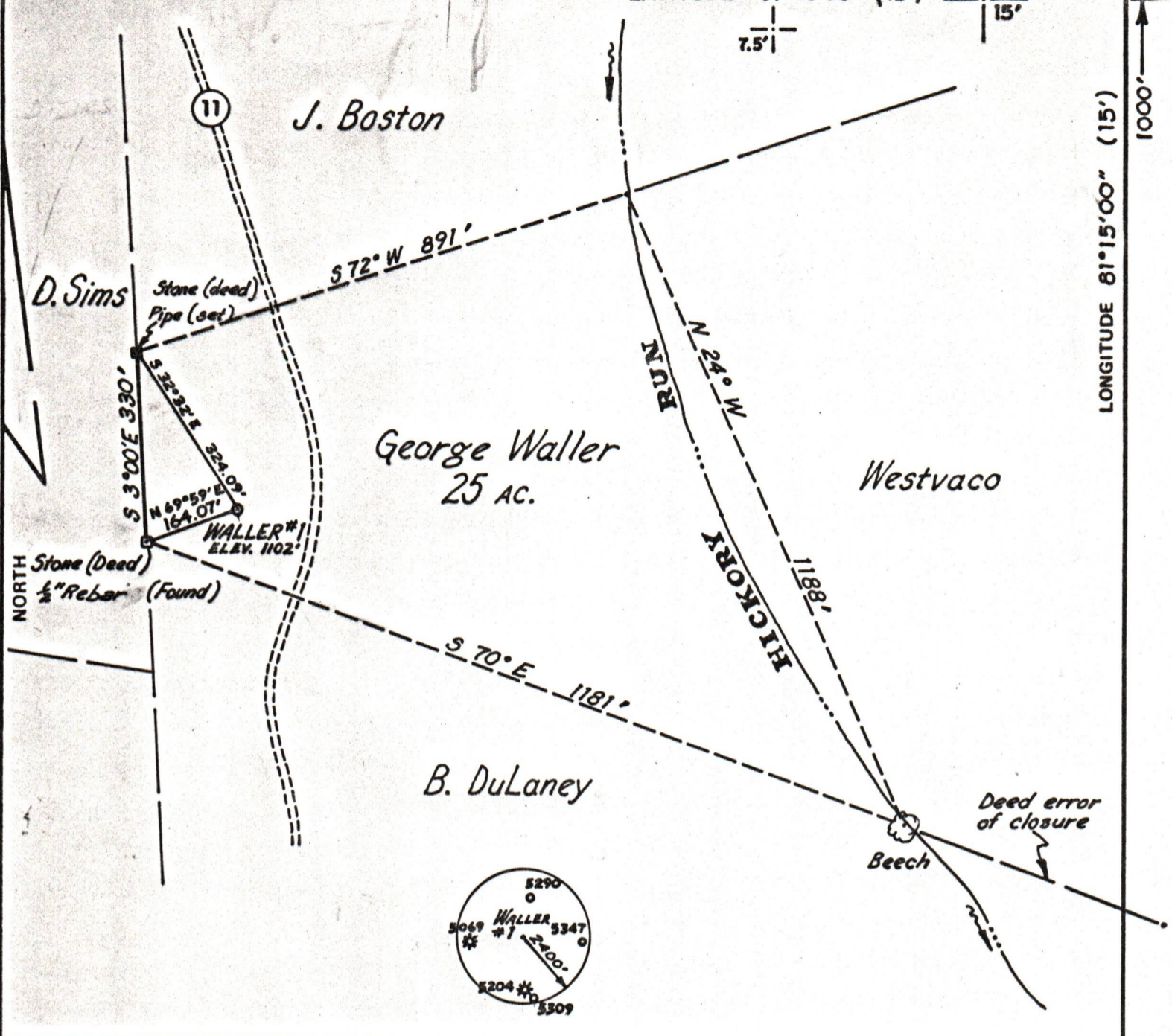
5100'

LATITUDE 39°10'00" (15')

15'

LONGITUDE 81°15'00" (15')

1000'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 250'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION Road Intersection
1081'

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. Paul K. Marshall
 (SIGNED) Paul K. Marshall
 R.P.E. _____ L.L.S. 580

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 JULY 7, 19 82
 OPERATOR'S WELL NO. WALLER #1
 API WELL NO. _____
47 - 085 - 5764
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1102' WATER SHED HICKORY RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE ELIZABETH (15') PETROLEUM (7.5')
 SURFACE OWNER GEORGE WALLER ACREAGE 25
 OIL & GAS ROYALTY OWNER GEORGE WALLER LEASE ACREAGE 25

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 LOWER DEVONIAN ESTIMATED DEPTH 5500'
 WELL OPERATOR B+L OIL COMPANY DESIGNATED AGENT C. JO MCCRADY
 ADDRESS 1420 7TH STREET ADDRESS 1420 7TH STREET
PARKERSBURG, W.VA. 26101 PARKERSBURG, W.VA. 26101

M.S. 7/19/82

5100'

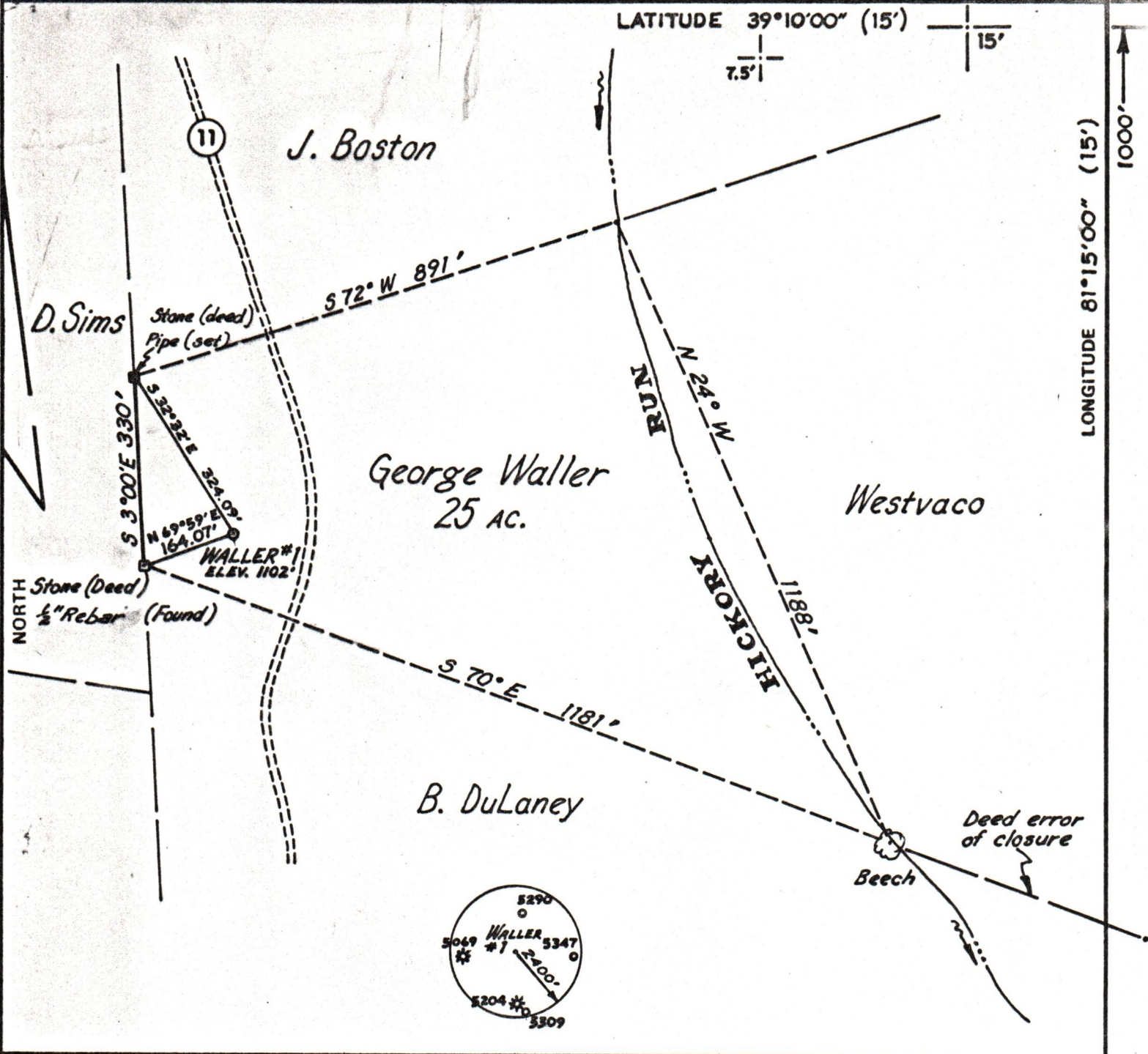
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 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

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 SURFACE OWNER GEORGE WALLER ACREAGE 25
 OIL & GAS ROYALTY OWNER GEORGE WALLER LEASE ACREAGE 25 08/18/2023
 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) _____
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 TARGET FORMATION LOWER DEVONIAN ESTIMATED DEPTH 5500'
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PARKERSBURG, W.VA. 26101 PARKERSBURG, W.VA. 26101