



FORM IV-2 (Obverse) (12-81)

Date: August 4, 19 82

Operator's Well No. 1-REVISED

API Well No. 47 085 5826

State County Permit

(Formerly: RIT-5554)

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

WELL TYPE: Oil xx / Gas / (If "Gas", Production / Underground storage / Deep / Shallow /) LOCATION: Elevation: 1072' Watershed: Elliotts Run District: Grant County: Ritchie Quadrangle: Willow Island 7 1/2'

WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT John R. Mitchell Address PO Box 26, 103 East Main Street Bridgeport, WV 26330 Address PO Box 27, 103 East Main Street Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Denver Boston & Hazel Evans Address c/o Hazel Evans, 413 North Diamond Dr. Ruskin, Fla. 33570 COAL OPERATOR Address

Acreege 46.5 SURFACE OWNER Denver Boston & Hazel Evans Address c/o Hazel Evans, 413 North Diamond Dr. Ruskin, Fla. 33570 Acreege 46.5 COAL OWNER(S) WITH DECLARATION ON RECORD: Name Address RECEIVED AUG 11 1982

FIELD SALE (IF MADE) TO: Address OIL AND GAS DIVISION WV DEPARTMENT OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED Name Samuel N. Hersman Address PO Box 66 Smithville, WV 26178 COAL LESSEE WITH DECLARATION ON RECORD: Name Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease xx other contract / dated June 9, 1980, to the undersigned well operator from Denver C. Boston, et ux and Hazel C. Evans, et vir to Warren R. Haught - assignment (from Warren R. Haught to PDC) (IF said deed, lease, or other contract has been recorded:) data is pending Recorded on June 24, 19 80, in the office of the Clerk of the County Commission of Ritchie County, West Va., in lease Book 131 at page 579. A permit is requested as follows:

PROPOSED WORK: Drill xx / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) -planned as shown on the work order on the reverse side hereof.

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.

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

08/18/2023

PETROLEUM DEVELOPMENT CORPORATION Well Operator By John R. Mitchell Area Manager of Operations

PROPOSED WORK ORDER

(12-81)

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

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, 5900 feet Rotary xx / Cable tools _____ /

Approximate water strata depths: Fresh, 282 feet; salt, 382 feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No xx /

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	16"	--	--		x	30'	30'			Kinds
Fresh Water	11 3/4	H-40	44#	x		315'	315'	cement to surface		
Coal										Sizes
Intermediate	8 5/8	H-40	23#	x		1260'	1260'	cement to surface		
Production	4 1/2	J-55	10.5#	x		5850'	5850'	500 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 HAVE NOT COMMENCED BY 4-20-83.
BY Fred D. Smith

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 08/18/2023 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.

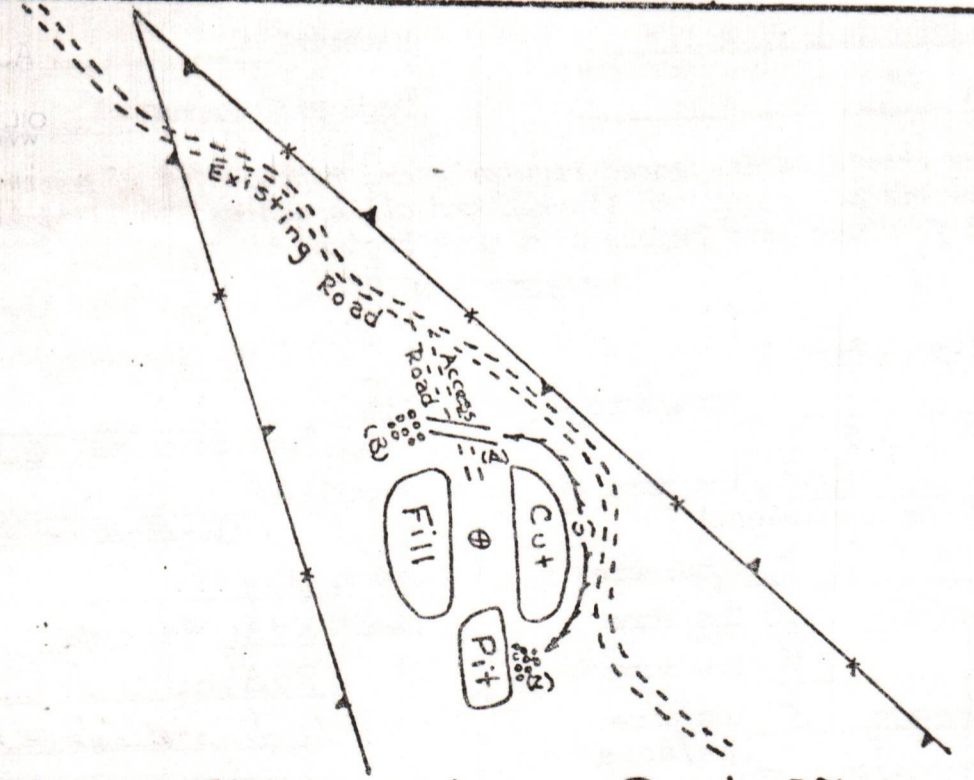
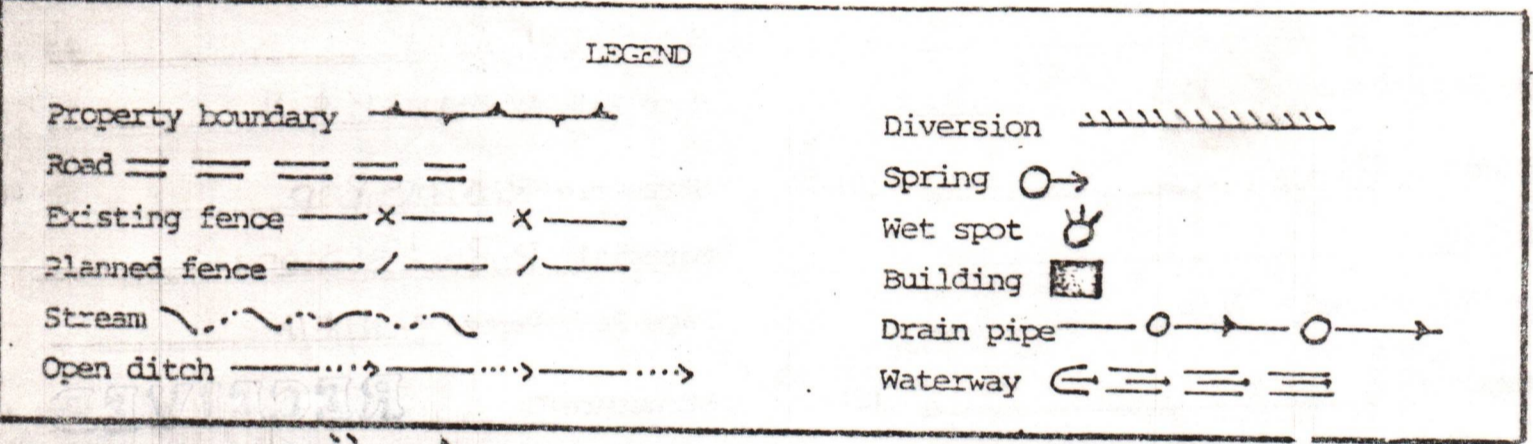
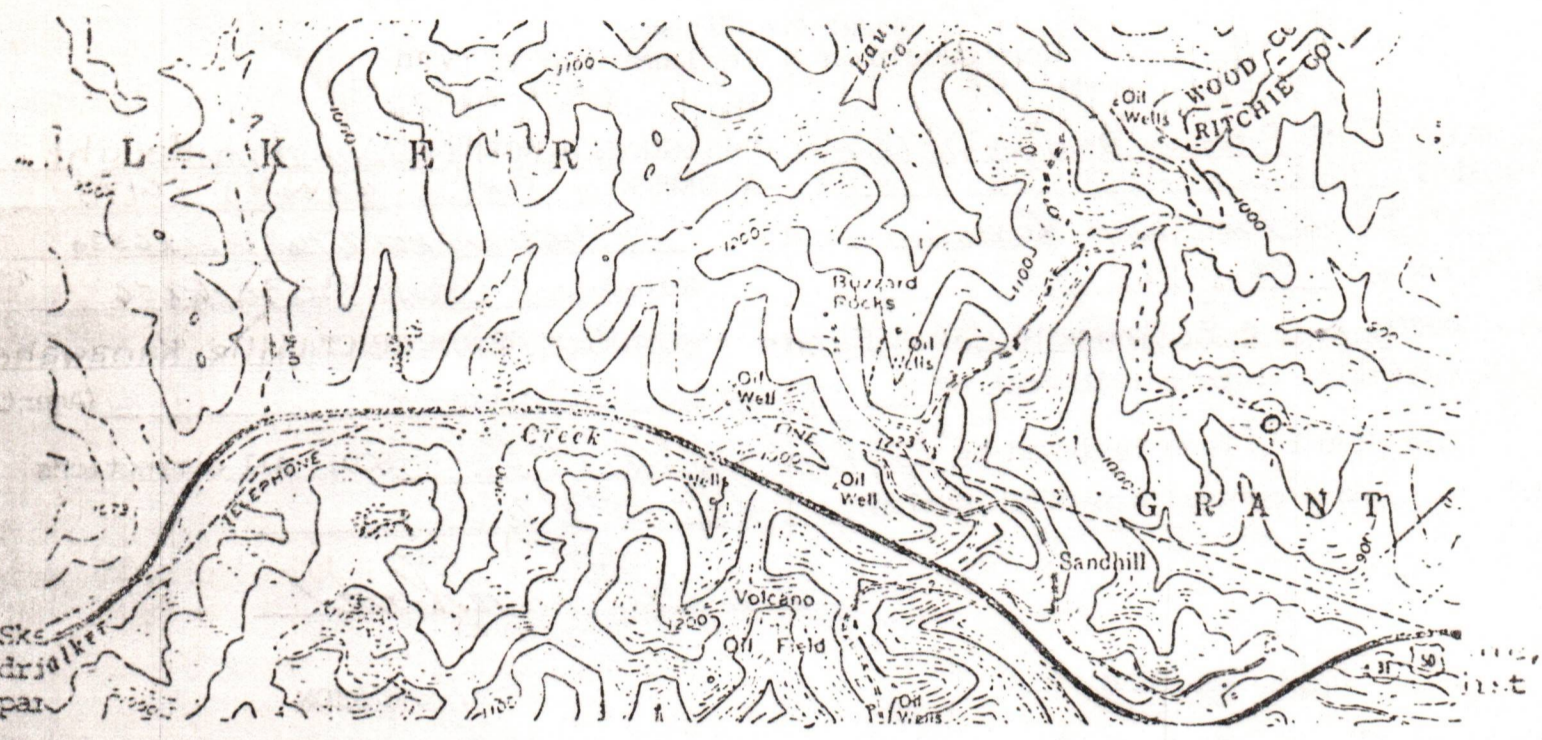
Date: _____, 19 _____

By _____

Its _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Willow Island 7 1/2'

LEGEND WELL SITE ⊕ ACCESS ROAD —



- Comments:
1. Average Slope of Access Road 0%
 2. Length of Access Road 150'
 3. Brush and Trees to be Piled at Site
 4. No Streams in area
 5. Existing road will have necessary structures installed and will be seeded and maintained.

08/18/2023



DATE 25 March 1982
WELL NO. 1
API NO. 47 - 085 - 5826

State of West Virginia

Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

COMPANY NAME Petroleum Development Corp.
ADDRESS P.O. 26
BRIDGEPORT, W.Va. 26330
Telephone (304) 842-6256

DESIGNATED AGENT John Mitchell
ADDRESS P.O. 26
BRIDGEPORT, W.Va. 26330
Telephone (304) 842-6256

LANDOWNER Denver C. Boston + Hazel C. Evans
Revegetation to be carried out by _____

SOIL CONS. DISTRICT Little Kanawha
SEEDING CONTRACTOR _____ (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 4-2-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drain (A)
Spacing _____
Page Ref. Manual 1:3
Structure Rip-Rap (B)
Spacing _____
Page Ref. Manual N/A
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure Diversion Ditch (1)
Material Soil
Page Ref. Manual 1:9
Structure Rip-Rap (2)
Material Rock - Stone
Page Ref. Manual N/A
Structure _____
Material _____
Page Ref. Manual _____

RECEIVED

AUG 11 1982
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

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* KY 31 Fescue 35 lbs/acre
Redtop 5 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 Hay 2 Tons/acre
Seed* KY31 Fescue 35 lbs/acre
Redtop 5 lbs/acre
Ladino Clover 5 lbs/acre
lbs/acre

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

08/18/2023

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

PLAN PREPARED BY William R. Mossor, L.L.S.
ADDRESS 112 N. Spring St.
Harrisville, W.Va. 26362
PHONE NO. (304) 643-4572

THIS ASSIGNMENT, Made this 7 th. day of June 1982, by and between WARREN R. HAUGHT, having a place of business at Parkersburg, West Virginia as party of the first part (hereinafter referred to as "Assignor"), and PETROLEUM DEVELOPMENT CORPORATION, having a place of buisness at 103 East Main Street, P.O. Box 26, Bridgeport, West Virginia 26330, as party of the second part (hereinafter referred to as "Assignee").

WITNESSETH: That for and in consideration of the sum of Ten (\$10.00) Dollars cash in hand paid, and other good and valuable considerations, the receipt and sufficiency of which is hereby confessed and acknowledged, the Assignor does hereby grant, convey and assign unto the Assignee, subject to the conditions and reservations herein contained, without Warranty, except as hereinafter provided all of its right, title and interest in and to the following referenced oil and gas leases, together with the leasehold estates created and existing, which said leases are situate in Ritchie County, West Virginia, as listed on EXHIBIT "A".

There is excepted and reserved, however, from the afore-described leases and leasehold estates, or any extension thereof, for the benefit of the Assignor a One Sixteenth (1/16 th) overriding royalty interest in the full Eight-Eighths (8/ 8 ths) interest free and clear of any and all cost of operations and/or production.

This Assignment is made subject to all of the terms and conditons of the aforesaid lease agreements and the terms and conditions of any assignments of the same.

The ASSIGNEE agrees to pay all rentals required to maintain each Lease in force so long as ASSIGNEE has an interest therein.

The overriding royalty interest shall be free and clear of all drilling, developement, producing and operating cost and expenses, but ASSIGNOR shall bear and pay all taxes of every nature whatsoever which may now or hereafter by applicable to or in any manner connected with or a lien upon Assignor's overriding royalty interest of the production attributable thereto, including, without limitaion, all production, severance, gathering, transporation or similar taxes attributable to Assignor's interest, and such other costs and charges as shall be applicable to and borne by lessor's royalties under the royalty shall be paid or shall accure upon any oil, gas, casinghead gas, or other hydrocarbon substances used for operation, development purposed upon the lands covered by a lease or in treating said production to make it marketable, or unavoidable lost. Except as otherwise provided herein, such overriding royalty for each lease shall be paid or delivered to Assignor in the same manner as that provided in such Lease for the payment of royalty to the lessors therein. If and when gas buyer reimburses operator for any such taxes same will be reimbursed or paid to the Assignor based upon Assignor's interest.

If Assignee is unable to clear title for any lease then Assignor will have the option to either replace the acreage with like acreage or refund money paid for unclearable acreage.

WITNESS the following signature's and seal:

(SEAL) Warren R. Haught
WARREN R. HAUGHT

(SEAL) James N. Ryan
PETROLEUM DEVELOPMENT CORPORATION

STATE OF WEST VIRGINIA

COUNTY OF RITCHIE

BEFORE ME, the undersigned authority in and for the State & County aforesaid,
on this day personally appeared Warren R. Haught

Known to me to be the person whose name is subscribed to the foregoing instrument,
and acknowledged to me that he executed the same for the purpose and consideration
therein expressed.

Given under my hand and seal of office this 10th day of June 1982

Evel E. Morgan
Notary Public

My Commission Expires September 4 19 90

STATE OF WEST VIRGINIA

COUNTY OF HARRISON

BEFORE ME, the undersigned authority in and for the state and county aforesaid,
on this day personally appeared James N. Ryan

known to me to be the person whose name is subscribed to the foregoing instrument, and
acknowledged to me that he executed the same for the purpose and consideration therei
expressed.

Given under my hand and seal of office this 30th day of June 1982

Robert Gall
Notary Public

My Commission Expires on October 1 19 82



Ritchie County, West Virginia
Assignments to Petroleum Development Corporation

Lease Name	District	Book	Page	Lease Date	Expiration Date	Acreage
1. Bernard Varner et al	Grant	136	343	4-13-81	5-24-82 D	65 3/4
2. Ralph C. Valentine et ux	Grant	125	564	2-28-78	2-28-83	71 1/2
3. Goldie E. Melvin (Agnet)	Grant	130	647	7-12-80	7-12-82	145
4. Hazel G. Cain	Grant	132	249	8-13-80	8-13-85	100
5. P.G. Sheppard	Grant	124	758	3-6-78	3-5-83	58 1/2
6. William Davis Hewitt et ux	Grant	136	373	3-20-81	5-18-82 D	56
26. Alah W. Rexroad & John	Grant	131	746	7-10-80	7-10-82	74
8. Sue W. Davis et al	Grant	136	349	3-20-81	8-23-82	149
9. Sue W. Davis et al	Grant	136	355	3-20-81	8-23-82	75
10. Daniel Donnelly	Grant	130	242	2-22-80	2-22-83 D	275.35
12. Gene A. Minks	Grant	133	636	1-6-81	6-28-83	67 1/2
13. Woodrow L. Metz	Grant	133	774	12-30-80	10-21-85	37 1/2
14. L.W. Davis	Grant	125	498	7-8-78	2-1-82	57
15. C.W. Davis	Grant	130	479	3-23-80	6-8-81 D	125 3/4
16. James Dickel	Grant	130	549	3-1-80	9-30-81 D	66
17. Harry E. Moats et ux	Grant	124	494	1-1-78	3-1-82 D	102 1/2
18. Mary E. & Gordon Kibbee	Grant	136	346	2-27-81	5-21-83 D	321
24. Maxine & Foster Smith	Grant	137	216	6-2-81	6-2-82	91
28. W. F. Moyers (Rit. Petro.)	Grant	132	258	12-7-77	12-12-99	51
32. Walter C. Gray	Clay	125	689	7-7-78	10-21-85	124
33. Cliff Wilson	Clay	126	363	10-23-78	11-30-82	71
34. W.R. Schofield	Clay	129	473	10-30-79	11-30-82	78
35. R. B. Robertson	Clay	140	30	12-7-81	6-7-82	39
37. Boston & Evans (Denver C.)	Grant	131	579	6-9-80	6-17-82	46 1/2

*10. Daniel Donnelly - Reserving Well H-999 and twenty acres (20) as recorded in Lease Book 132 at Page 279.

*14. L.W. Davis- Reserving all rights through the Big Injun., recorded in Lease Book 130 at Page 557.

*17. Harry E. Moats et ux - Reserving all rights through the Big Injun., recorded in Lease Book 129 at Page 698.

*13. Woodrow L. Metz - Reserving all rights through the Big Injun including the existing wells, and 20 acres surrounding wells, for the benefit of Haught Inc., Record in Lease Book _____ at Page _____
Reserving all rights through the Big Injun including the existing wells, and 20 acres surrounding well, for the benefit of _____, Recorded in Lease Book _____ at Page _____.

08/18/2023



**Petroleum
Development
Corporation**

103 East Main Street
P. O. Box 26
Bridgeport, West Virginia 26330

Phone: 304-842-3597

Ret-5826

RECEIVED

AUG 11 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
1615 Washington Street East
Charleston, West Virginia 25311

Attention: Thomas E. Huzzey

RE: House Bill #1254

Dear Mr. Huzzey:

With regards to the payment to be made to the royalty owner on this property, please be advised that the lease does not provide for a flat well royalty or any similar provision for compensation. The royalty on this lease is based on volume of oil or gas to be extracted, produced or marketed.

Very truly yours,

PETROLEUM DEVELOPMENT CORPORATION

John R. Mitchell

John R. Mitchell
Area Manager of Operations

JRM/mjg

08/18/2023

9 SEP 85 11 20

REC'D - CHAS

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS

NOTICE OF EXPIRED PERMIT

Permit number: 47- 85-5826
Company: PETROLEUM DEVE CORP
Date: 27-Nov-84
Date issued: 8/20/82

County: RITCHIE
Farm: D BOSTON & H EVANS/#1-REV
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. Hersman

Date: 9-4-85



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

ARCH A. MOORE, JR.
 Governor

September 11, 1985

Petroleum Development Corporation Corporation
 P. O. Box 26
 Bridgeport, West Virginia 26330

In Re: Permit No: 47-085-5826
 Farm: Denver Boston
 Well No: 1
 District: Grant
 County: Ritchie
 Issued: 8-20-82

Gentlemen:

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

XXXX 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,

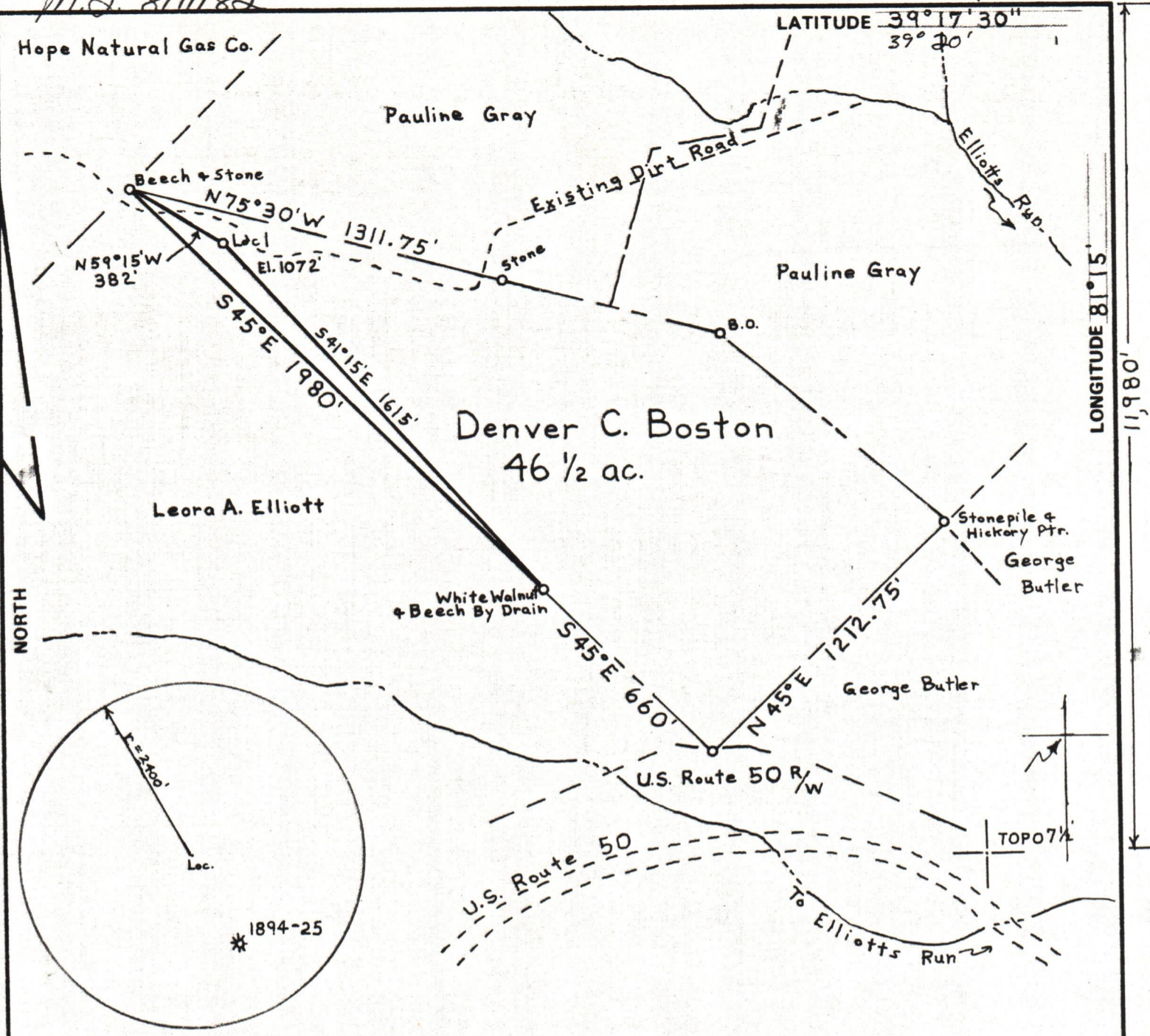
Theodore M. Streit

TMS/nw

08/18/2023

M.J. 8/11/82

1920'



LONGITUDE 81°15' 11,980'

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION ROAD INT. = 1223'

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) Paul D. Dean, Sr.
 R.P.E. 1856 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 JULY 30, 1982
 OPERATOR'S WELL NO. I-REVISED
 API WELL NO. 47-085-5826
 STATE COUNTY PERMIT
 Formerly: Rit-5554
 Canceled

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1072' WATER SHEDELLIOTT'S RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE WILLOW ISLAND 7 1/2
 SURFACE OWNER DENVER BOSTON & HAZEL EVANS ACREAGE 46.5
 OIL & GAS ROYALTY OWNER DENVER BOSTON & HAZEL EVANS LEASE ACREAGE 46.5
 LEASE NO. 364600

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 SHALE ESTIMATED DEPTH 5900'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT JOHN MITCHELL
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT W.V. BRIDGEPORT W.V.