



1) Date: January 3, 1988 83

2) Operator's Well No. Laird #1

3) API Well No. 47 085 6139
State County Permit

DRILLING CONTRACTOR:

Clint Hurt

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

Edens Fork, WV

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 826.8 Watershed: Dog Run
District: Murphy County: Ritchie Quadrangle: Harrisville 7.5
- 6) WELL OPERATOR Wayman W. Buchanan 11) DESIGNATED AGENT Leroy Hopkins
Address 444 Petroleum Commerce Bldg. Address P. O. Box 106
San Antonio, Texas 78205 Kenna, WV 25248
- 7) OIL & GAS ROYALTY OWNER Robert L. Laird 12) COAL OPERATOR None
Address 712 High Street Address _____
Harrisville, WV 26362
Acreage 70
- 8) SURFACE OWNER Same as above 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____
- 9) FIELD SALE (IF MADE) TO:
Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
Name Samuel N. Hersman Name _____
Address P. O. Box 66 Address _____
Smithville, WV 26178
- 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, Devonian Shale
- 17) Estimated depth of completed well, 4800 feet
- 18) Approximate water strata depths: Fresh, 200 feet; salt, 2050 feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No

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	9 5/8			X			350	Circ.	Kinds
Fresh water									
Coal									Sizes
Intermediate	7			X			2250	Circ.	
Production	4 1/2			X			4800	480 sks.	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: _____
My Commission Expires _____

Signed: Leroy Hopkins
Its: Designated Agent

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6139

January 4 03/29/2024 83
Date

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 September 4, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>1941</u>
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[Signature]
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.

03/29/2024

Date: _____, 19____

By _____

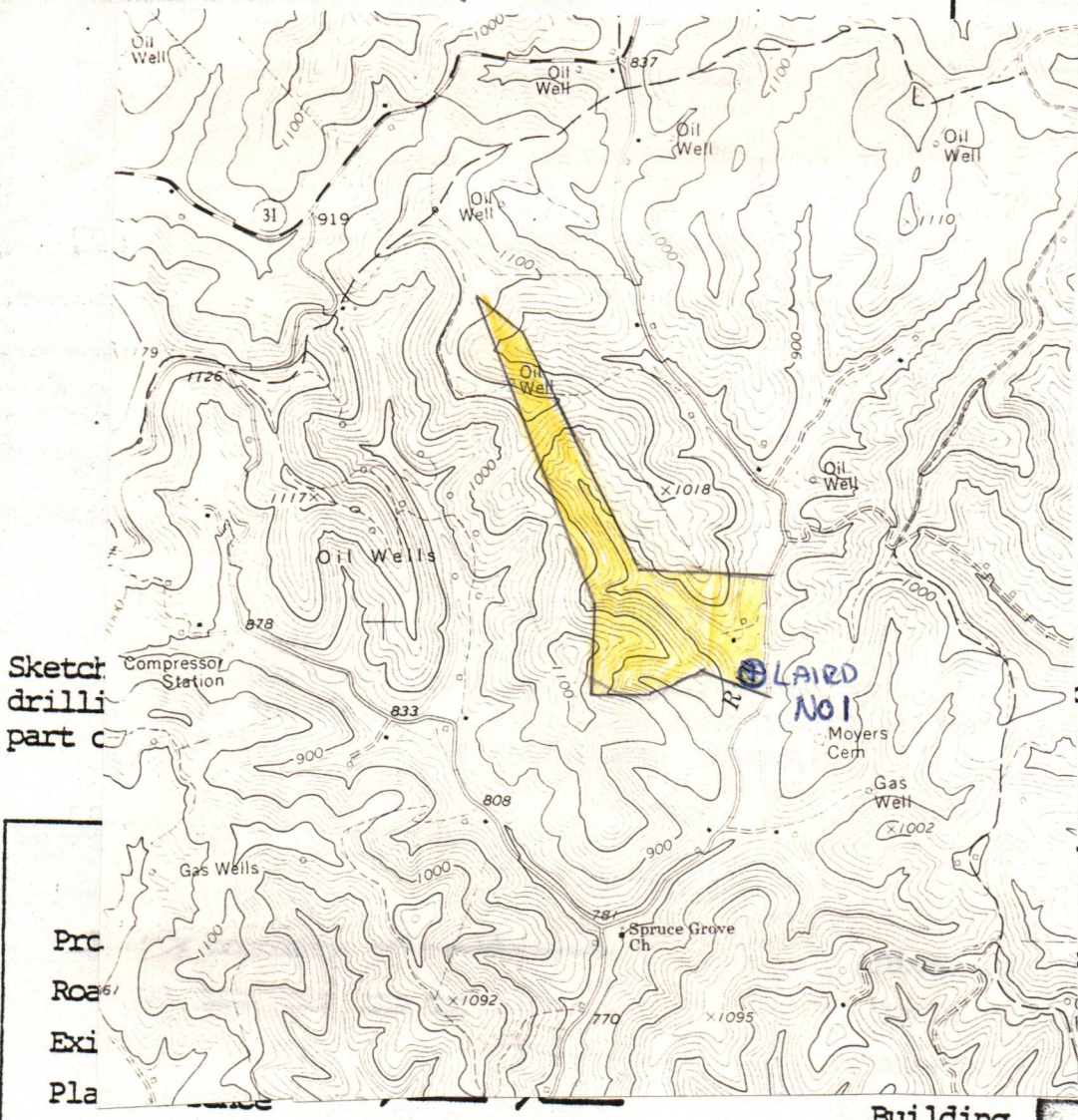
Its _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP, QUADRANGLE HARRISVILLE (7.5')

LEGEND

Well Site ⊕

As Road ———



Sketch
drilli
part c

to be constructed, wellsite
correspond with the first

Proc
Road
Exc
Pla

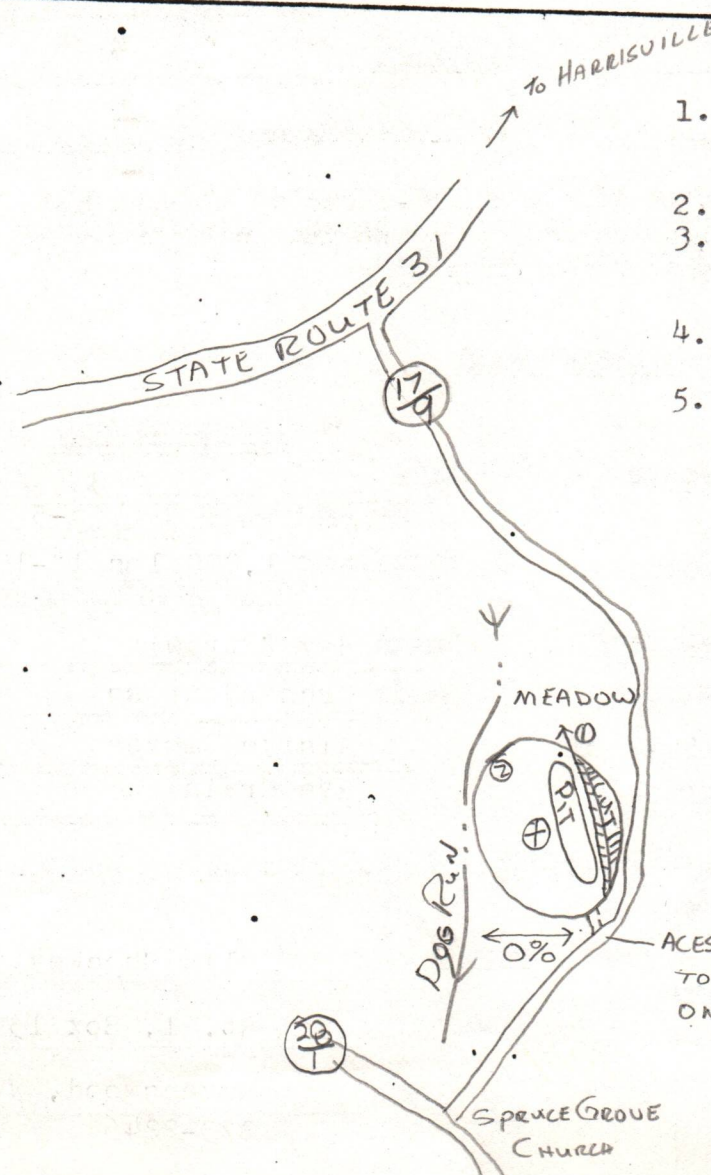
Stream

Open ditch

Building

Drain pipe

Waterway



1. Location is in a meadow land beside the county road, 0 to 0% slope.
2. Size of location 225' X 225'.
3. All timber will be cut and stacked according to land owners wishes.
4. Access road will have side slope and cross drains.
5. Reclamation will be done 6 mos. after well is completed.

03/29/2024



DATE Dec. 20, 1982

WELL NO. Laird No. 1

State of West Virginia

API NO. 47-085-6139

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Waymen Buchanan
Address San Antonio, Texas
Telephone 512-223-3897

DESIGNATED AGENT Leroy Hopkins
Address Kenna, WV
Telephone 372-8305

LANDOWNER M. Laird

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Unknown Contractor (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan:

12-20-82
(Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Spacing _____
Page Ref. Manual 2:12

Structure Diversion Ditch (1)
Material Earthen
Page Ref. Manual 2-12

Structure Culvert (B)
Spacing 12" Min-30" Max I. D.
Page Ref. Manual 2:7 & 2:8

Structure _____ (2)
Material Straw
Page Ref. Manual 3:6 & 3:7

Structure Cross Drains (C)
Spacing 1358 - 400'
Page Ref. Manual 2:1 & 2:4

Structure _____ (3)
Material _____
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.

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6-5
Fertilizer 1,000 lbs 10-10-10 lbs/acre
(10-20-20 or equivalent)
Mulch Hay (Straw) 2 Tons/acre
Seed* Orchard Grass 40 lbs/acre
Alsike Clover 4 lbs/acre
Rye Grain 4 lbs/acre

Lime 3 Tons/acre
or correct to pH 6-5
Fertilizer 1,000 lbs 10-10-10 lbs/acre
(10-20-20 or equivalent)
Mulch Hay (Straw) 2 Tons/acre
Seed* Orchard Grass 40 lbs/acre
Alsike Clover 4 lbs/acre
Rye Grain 4 lbs/acre

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

PLAN PREPARED BY Olin Shockey

ADDRESS Rt. 1, Box 139-B

Ravenswood, WV 26164

273-2246

PHONE NO. _____

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

ASSIGNMENT OF OIL AND GAS LEASES

STATE OF WEST VIRGINIA X

COUNTY OF KANAWHA X

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, MORRIS EXPLORATION COMPANY, having an address of 401 Peoples Building, Charleston, West Virginia, 25301, hereinafter called "Assignor", is the owner and holder of those certain Oil and Gas Leases covering lands in the State of West Virginia, as more particularly described in the schedule of leases attached hereto, marked Exhibit "A", and by reference made a part hereof.

NOW THEREFORE, Assignor, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00) in hand paid by WAYMAN W. BUCHANAN, having an address of 444 Petroleum Commerce Building, San Antonio, Texas, 78205, hereinafter called "Assignee", and subject to further provisions set forth, has sold, assigned, transferred and conveyed and by these presents does sell, assign, transfer and convey unto Assignee all of Assignor's right, title and interest in and to each and all of the Oil and Gas Leases described and referred to upon Exhibit "A", together with all rights thereunder and incident thereto, including any and all personal property located thereon or used in connection therewith.

TO HAVE AND TO HOLD unto Assignee, their successors, legal representatives and assigns, subject to the following reservations and agreements, to-wit:

Assignor hereby excepts from this Assignment and reserves and retains unto Assignor an overriding royalty on the oil and gas (including the respective constituent elements produced with the oil and gas) that may be produced, saved and sold from the land covered by said lease.

- (a) On Oil, Seven and One-half percent (7.5%) of 8/8 of all of that produced and saved, the same to be delivered at the wells or to the credit of Assignor into the pipeline to which the wells may be connected; and

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OIL & GAS DIVISION
DEPT. OF MINES

- (b) On gas, including casinghead gas or other gaseous substances produced and sold or used off the premises or in the manufacture of gasoline, or other products therefrom, the market value at the well of Seven and One-half percent (7.5%) of 8/8 of all of the gas sold or used.

This Assignment is made without warrant of title, either express or implied, and is subject to all of the terms, stipulations, covenants and conditions of said Leases.

EXECUTED this 1st day of December, 1982.

(This instrument was prepared by Stephen E. Cain, 401 Peoples Building, Charleston, West Virginia, 25301).

MORRIS EXPLORATION COMPANY
a corporation,

By: Jim P. Morris
Jim P. Morris
President

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA, to-wit:

The foregoing instrument was acknowledged before me this 1st day of December, 1982, by Jim P. Morris, President of MORRIS EXPLORATION COMPANY, a corporation.

My Commission Expires: December 1, 1990

Vicky R. Rudetta
NOTARY PUBLIC

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"Attached to and made a part of Assignment of Oil and Gas Leases dated December 1, 1982, by and between Morris Exploration Company, as Assignor, and Wayman W. Buchanan, as Assignee."

<u>LEASE NUMBER</u>	<u>LESSOR</u>	<u>LEASE DATE</u>	<u>COUNTY</u>	<u>RECORDED BK/PG</u>	<u>GROSS ACRES</u>
43-52A	John T. Brand, widower	11/12/82	Ritchie		63.00
53-18B	Union National Bank, TR.	10/26/82	Wirt		50.00
43-50H	Verna Campbell, widow	10/12/82	Ritchie		25.00
43-50I	Grace Deems, widow	10/12/82	Ritchie		25.00
43-50J	Bessie G. Morrison, widow	10/12/82	Ritchie		25.00
43-50K	Myrtle Poore, etal	10/12/82	Ritchie		25.00
43-50L	Rosemary King, etvir	11/11/82	Ritchie		25.00
43-50M	Fred Reed, etux	10/12/82	Ritchie		25.00
43-50N	Jack Hinton	10/12/82	Ritchie		25.00
43-50O	Kathleen Bishop, etvir	10/12/82	Ritchie		25.00
43-50P	Mildred Saylor, widow	10/12/82	Ritchie		25.00
43-50Q	Walter Hinton, etux	10/12/82	Ritchie		25.00
43-50R	Betty Mincks, etvir	10/12/82	Ritchie		25.00
43-50S	James Grandstaff, single	10/12/82	Ritchie		25.00
43-50T	Loretta Quire, etvir	11/18/82	Ritchie		25.00
43-50U	Wayne Hinton, etux	10/12/82	Ritchie		25.00
43-52B	Alfred Nestor, etux	11/15/82	Ritchie		63.00
43-53	Clifford T. Goff, etux	12/01/82	Ritchie		12.97
43-54	Robert T. Laird, etux	12/03/82	Ritchie		70.00

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 DEPT. OF MINES

03/29/2024

ASSIGNMENT

This Assignment, made and entered into this 3rd day of December, 1982, by and between ROBERT L. LAIRD and LINDA L. LAIRD, parties of the first part, ASSIGNORS, and MORRIS EXPLORATION COMPANY, a corporation, party of the second part, ASSIGNEE.

WITNESSETH, that for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand paid, the receipt of which is hereby acknowledged, and the further covenants and conditions herein set forth, the ASSIGNORS do hereby assign, sell, grant, convey, transfer and set-over, with covenants of general warranty, onto the ASSIGNEE all of the following lease and leasehold estate, to-wit:

That certain Agreement bearing date the 5th day of November, 1908, from J. E. Simmons and Maggie A. Simmons, Lessors, to B. W. Peebles and A. C. Fisher, Lessees, and made of record in the Office of the Clerk of the County Court of Ritchie County, West Virginia, in Lease Book 24, page 384, and which, by Assignment bearing date the 1st day of July, 1971, and recorded in Lease Book 115 at page 59, was assigned to the ASSIGNORS herein.

This Assignment shall be binding upon and shall inure to the benefit of the parties and their successors and assigns.

WITNESS the following signatures and seals:

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JAN 04 1983
OIL & GAS DIVISION
DEPT. OF MINES

Robert L. Laird (SEAL)
ROBERT L. LAIRD

Linda L. Laird (SEAL)
LINDA L. LAIRD

STATE OF WEST VIRGINIA,
COUNTY OF Ritchie, to-wit:

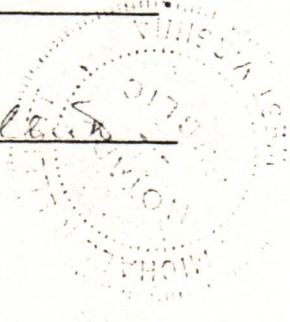
The foregoing instrument was acknowledged before me

03/29/2024

this 3rd day of December, 1982, by Robert L. Laird and
Linda L. Laird.

My commission expires October 19, 1991

Michael R. Clark
Notary Public



This Instrument Was Prepared By:

STEPHEN L. THOMPSON, Esquire
CLARK & THOMPSON, L.C.
Suite 612, Peoples Building
Charleston, WV 25301

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

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NOV 1 - 1983

FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 47-085-6139 County Ritchie
 Company Wayman W. Buchanan Farm Robert S. Laird
 Inspector Samuel Hersman Well No. Laird #1
 Date 10-27-83

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	_____	_____

Cancelled

COMMENTS: Final on Cancellation
No Location or road built

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 W. Hersman
 DATE: 10-27-83

03/29/2024



State of West Virginia
 Department of Mines
 Oil and Gas Division
 Charleston 25305

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

December 8, 1983

Wayman Buchanan
 444 Petroleum Commerce Building
 San Antonio, Texas 78205

In Re: PERMIT NO: 085-6139
 FARM: Robert L. Laird
 WELL NO: 1
 DISTRICT: Murphy
 COUNTY Ritchie

Gentlemen:

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

XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

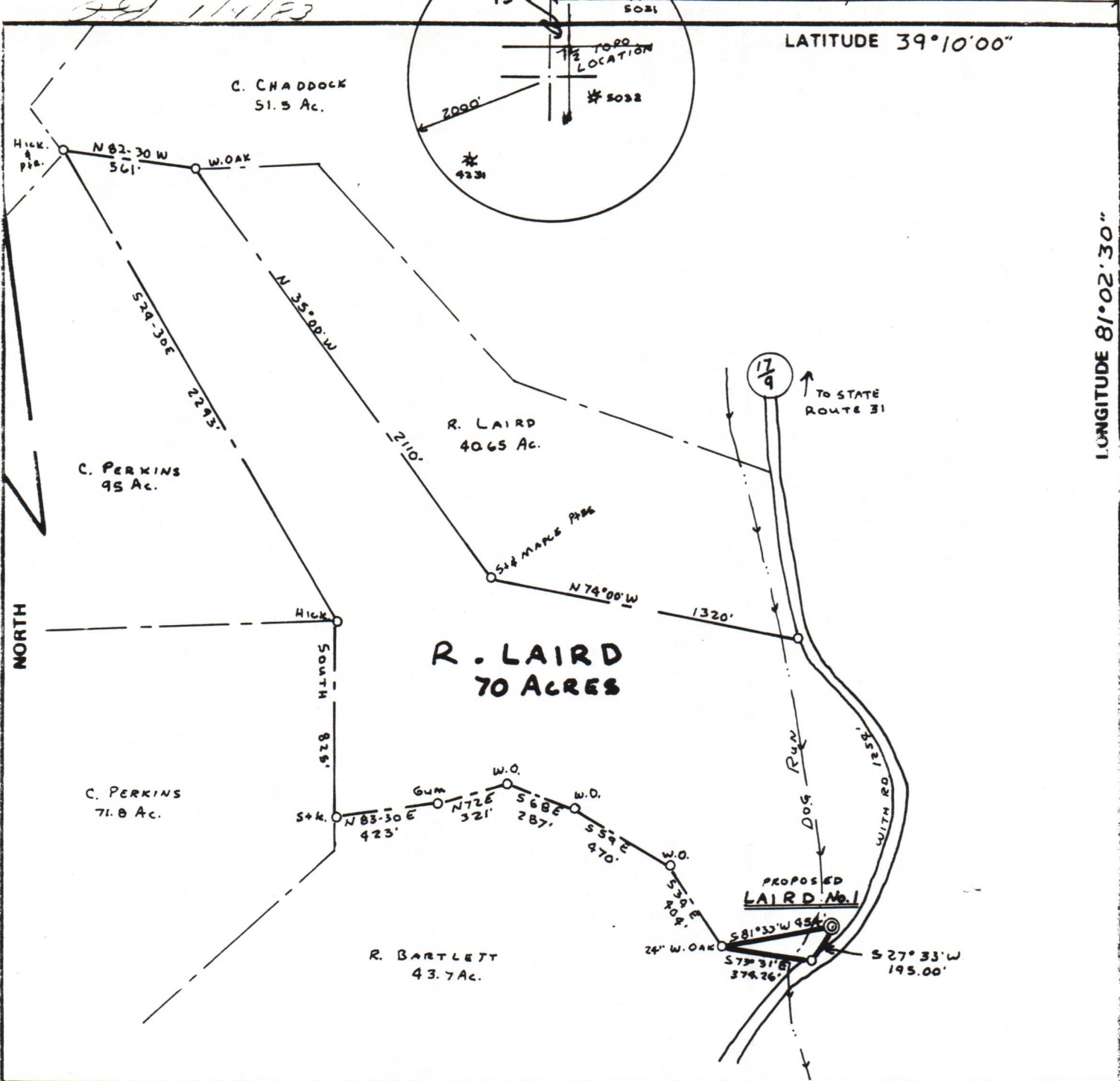
 Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

 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
 Office of Oil & Gas-Dept. Mines

03/29/2024



FILE NO. F.B. 36
 DRAWING NO. 82149
 SCALE 1"=600'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION Rd. Intersection 781' Southwest 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: Wayne Buchanan
 R.P.E. 434 L.L.S. 434

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE 12-29, 1982
 OPERATOR'S WELL NO. Laird No. 1
 API WELL NO. 47 085-6139
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 IF "GAS" PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 826.8' WATER SHED DOG RUN
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE HARRISVILLE (7.5)
 SURFACE OWNER R. LAIRD ACREAGE 70
 OIL & GAS ROYALTY OWNER R. LAIRD LEASE ACREAGE 70
 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) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4800'
 WELL OPERATOR WAYMAN BUCHANAN DESIGNATED AGENT LEROY HOPKINS
 ADDRESS SAN ANTONIO, TEXAS ADDRESS KENNA, W.VA.

03/29/2024