



Well No. Harper #2

Farm Burl W. Harper

API # 47 - 087 - 3479

Date November 10, 1981

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

RECEIVED

OIL AND GAS WELL PERMIT APPLICATION NOV-16 1981

WELL TYPE: Oil ___ / Gas X /

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /

LOCATION: Elevation: 1023' Watershed: Big Lick Run
District: Walton County: Roane Quadrangle: Walton 7.5

WELL OPERATOR Allegheny & Western Drilling
Address P.O. Box 2587
Charleston, WV 25329

DESIGNATED AGENT Roland C. Baer, Jr.
Address P.O. Box 2587
Charleston, WV 25329

OIL AND GAS
ROYALTY OWNER Burl W. Harper
Address Rt. 1 Box 23
Gandeville, WV
Acreage 100

COAL OPERATOR N/A
Address _____

SURFACE OWNER Burl W. Harper
Address Rt. 1 Box 23
Gandeville, WV
Acreage 100

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME N/A
Address _____

FIELD SALE (IF MADE) TO:
NAME N/A
Address _____

NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:

NAME Richard J. Morris
Address P.O. Box 372
Grantsville, WV 26147
Telephone 304-354-7259

COAL LESSEE WITH DECLARATION ON RECORD:
NAME N/A
Address _____

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NOV - 6 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract X / dated August 1 19 81, to the undersigned well operator from Alan F. Hess.

(If said deed, lease, or other contract has been recorded:)

Recorded on August 21, 19 81, in the office of the Clerk of County Commission of Roane County, West Virginia, in 159 Book at page 375. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper ___ / Redrill ___ / Fracture or stimulate X / Plug off old formation ___ / Perforate new formation X / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

09/15/2023

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

Allegheny & Western Drilling
Well Operator

By: [Signature]
Its: Executive Vice President

(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) Not Known

Address _____

GEOLOGICAL TARGET FORMATION Devonian/Brown/Marcellus Shale

Estimated depth of completed well 5300 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 200 feet; salt, 2000 feet.
Approximate coal seam depths: N/A
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKER'S
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	13 3/8	SMLS	42#	X			60	20 cts	Kinds
Fresh water	9 5/8	SMLS	32#	X			300	100 cts	
Coal									Sizes
Intermed.	7	SMLS	23#	X			2500	into 9 5/8	
Production Tubing	4 1/2	SMLS	10.5#	X			5300	500 cts or as req'd by	Depths set rule 15.01
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.

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 7-13-82.

[Signature]
Deputy Director - Oil & Gas Division

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: [Signature]

Its: _____

09/15/2023

RECEIVED

NOV - 9 1981

State of West Virginia

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Department of Mines
Oil and Gas Division

DATE Nov 4, 81

WELL NO. Harper #2

API NO. 47-087-3479

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME ALLEGHENY - WESTERN
Address P.O. Box 2587 CHAR. W.V.
Telephone 354-4327

DESIGNATED AGENT ROLAND BAER
Address SAME
Telephone SAME

LANDOWNER ~~XXXXXXXXXX~~ BURL HARPER SOIL CONS. DISTRICT LITTLE KANAWHA
Revegetation to be carried out by ALLEGHENY - WESTERN (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 11-6-81 (Date)

Jarrett Newland
(SCD Agent)

ACCESS ROAD

LOCATION

Structure DITCH RELIEF CROSS DRAIN (A)
Spacing 100 - 150
Page Ref. Manual 1:6

Structure Interceptor Channel (1)
Material EARTHEN
Page Ref. Manual 1:11 1:9

Structure Drainage Ditch (B)
Spacing _____
Page Ref. Manual 1:11

Structure RIP RAP (2)
Material STONE - ROCK
Page Ref. Manual N.A.

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____
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 _____ Tons/acre
or correct to pH 6.5
Fertilizer 400-600 lbs/acre
(10-20-20 or equivalent)
Mulch HYDROSEEDER Tons/acre
Seed* KY 31 40 lbs/acre
LADENO CLOVER 5 lbs/acre
_____ lbs/acre

Lime _____ 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.

09/15/2023


PLAN PREPARED BY WALLACE J. BOARD LAND SUR.


ADDRESS 332 MAIN ST.
SPENCER W.V. 25276
PHONE NO. 927-3250

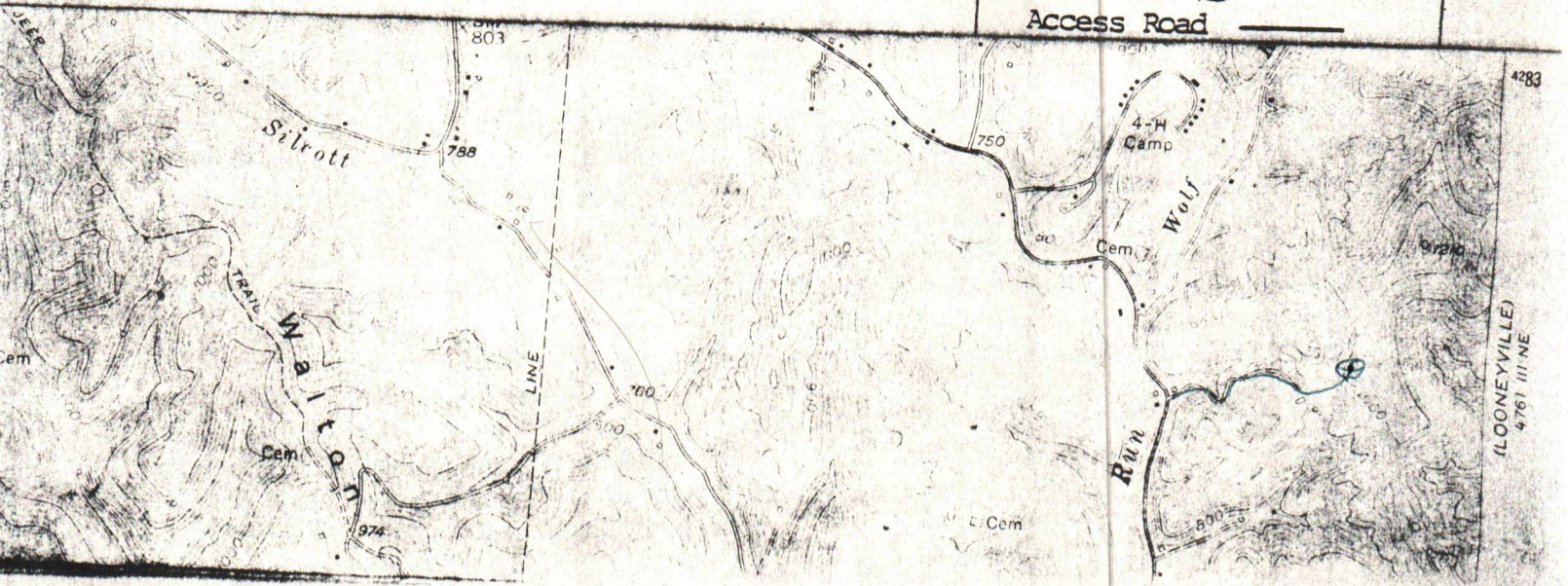
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE _____

LEGEND


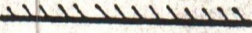
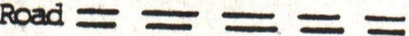







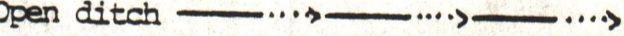
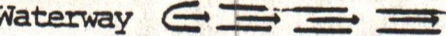
Well Site 

Access Road 

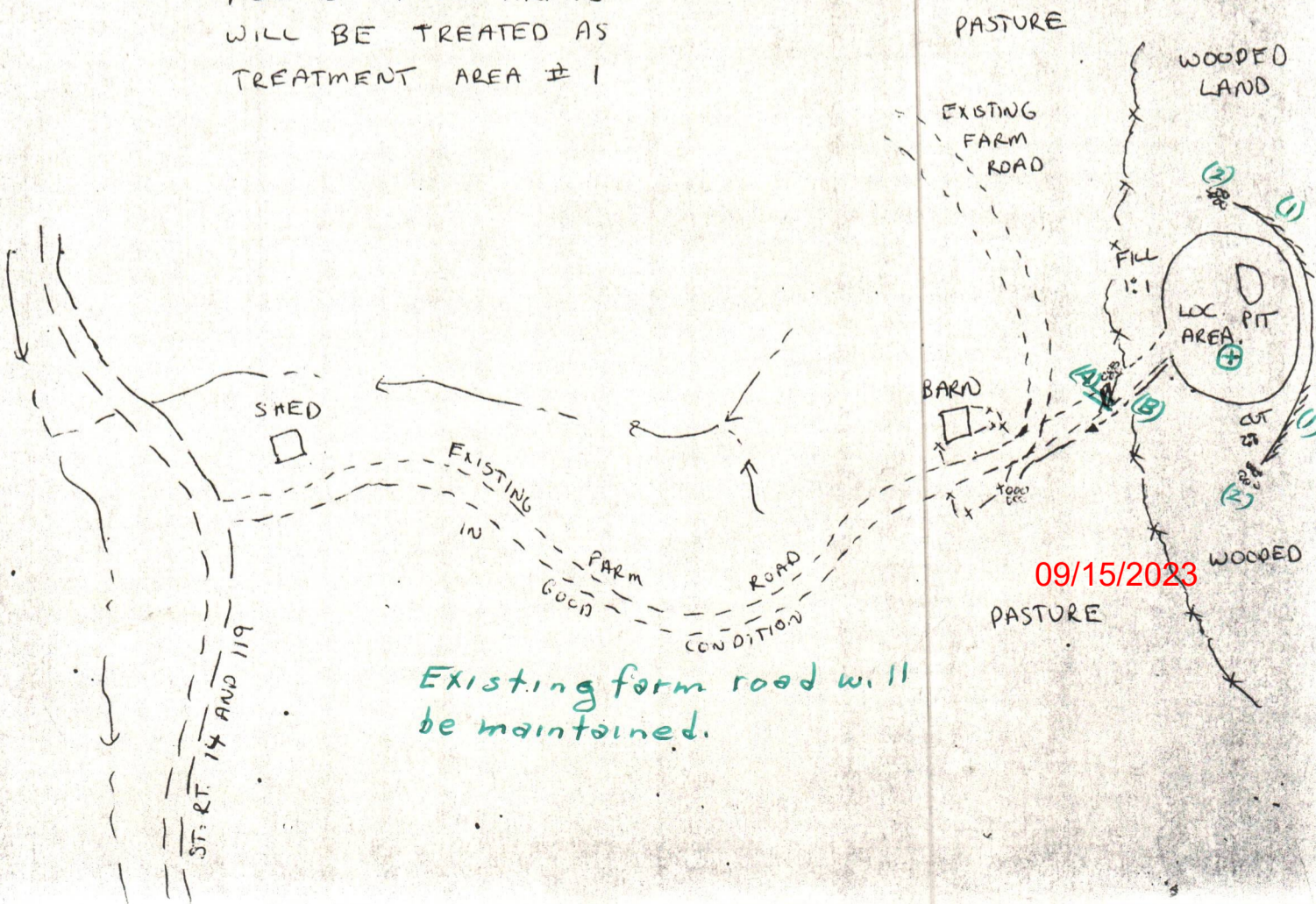


Sketch to include well location, existing access road, roads to be constructed, wellsites, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

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

ALL SEEDING AREAS
WILL BE TREATED AS
TREATMENT AREA ± 1





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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

May 7, 1983

To: Mr. Homer Dougherty
Oil and Gas Inspector

From: Faye Fleet, Clerk
Oil and Gas Division

I know that your temporarily acquired counties have caused your work load to be even heavier so I dislike asking for special inspections.

However, we have had inquiries concerning the three wells for which I have enclosed maps. All three have expired and I hope you can let me know if they were begun or if they are actually expired. If you will mark your reply to my attention, then I can let the folks who inquired know the status of them.

ROA-3479 ✓ - Allegheny and Western
ROA-3652 - Technology Development
ROA-3653 - Technology Development

Thank you.

A handwritten signature in cursive script that reads "Faye".

09/15/2023

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

RECEIVED
DEC 5 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

Permit number: 47-87-3479
Company: ALLEG. & WEST. ENERGY
Date: 27-Nov-84
Date issued: 11/13/81

County: ROANE
Farm: BURL W HARPER #2
Well no.:
Date expired: / / 0

*Cancel this
This Week.* *Received New Permit for Harper # 2
New Permit # 47-087-3934*

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

Signed: *Homer H. Dougherty*
Date: *11/30/84*

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

INSPECTOR'S WELL REPORT

Permit No. 887-3479

Oil or Gas Well _____
(KIND)

Company Allegheny & Western
 Address Charleston, W.V.A.
 Farm Burl W. Harper
 Well No. Harper #2
 District Walton County Roane
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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MAY 13 1983

OIL & GAS DIVISION
DEPT. OF MINES

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Well was Never Drilled
 Remarks: No grading was ever done on location
Information obtained from R.H. Mann
of Allegheny & Western

5/16/83

Homer H Dougherty
09/15/2023



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

December 11, 1984

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

Allegheny & Western Drilling Co.
P.O. Box 2587
Charleston, W Va. 25326

In Re: PERMIT NO: 087-3479

FARM: Burl W. Harper

WELL NO: Two

DISTRICT: Walton

COUNTY: Roane

ISSUED: 11-13-81

Gentlemen:

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

XXX 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.

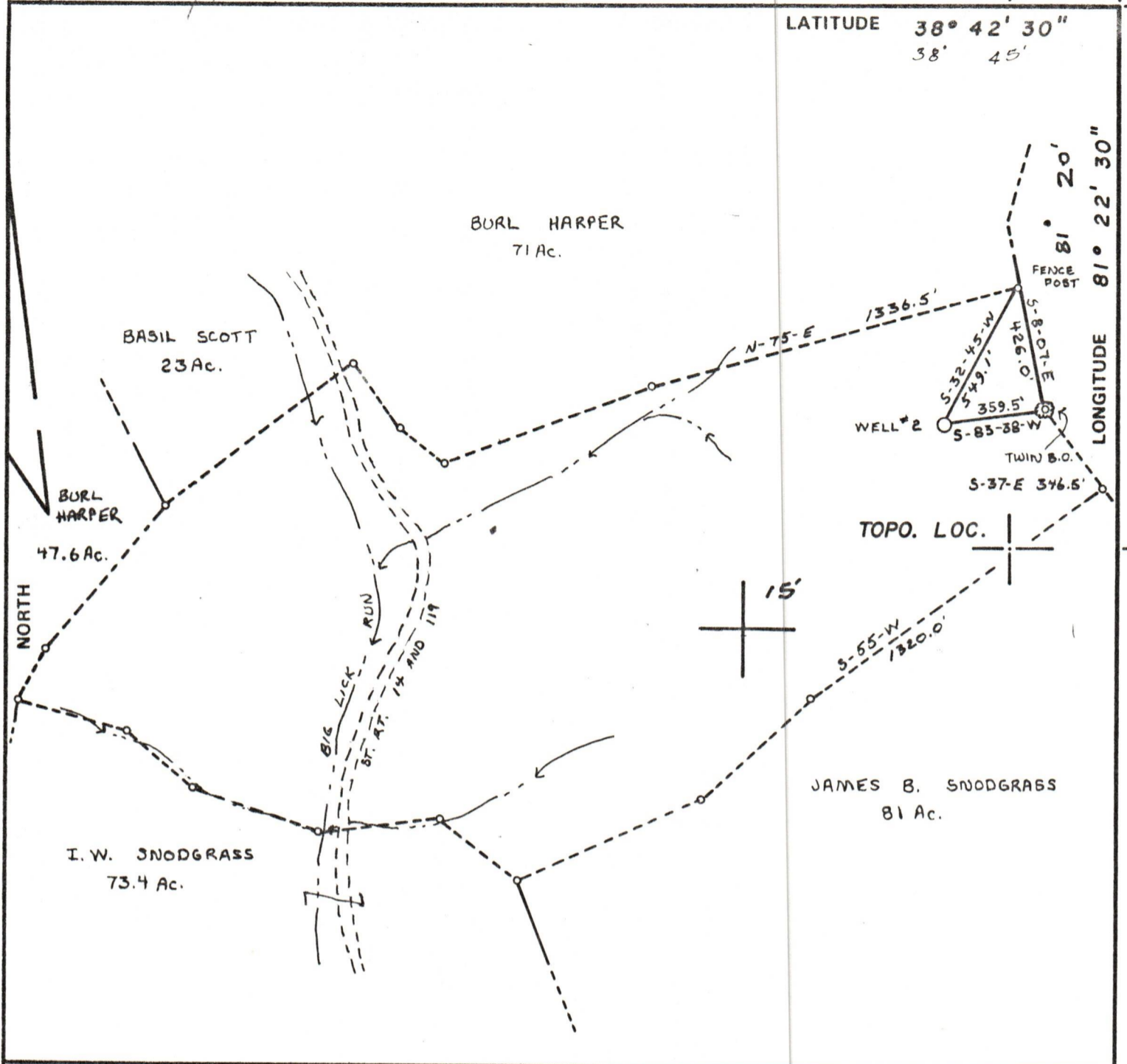
Very truly yours,

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

TMS/ chm

09/15/2023

LATITUDE 38° 42' 30"
38' 45"



FILE NO. _____
 DRAWING NO. 81-205
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION INTERSECTION OF BEAR FORK RD AND RT. 119
ELEV = 750'

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) Shelton J. Baird
 R.P.E. _____ L.L.S. 526

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 NOV. 4, 19 81
 OPERATOR'S WELL NO. HARPER No. 2
 API WELL NO. 47-087-3479
 STATE COUNTY PERMIT

Drilling Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1023' WATER SHED BIG LICK RUN
 DISTRICT WALTON COUNTY ROANE
 QUADRANGLE WALTON 7.5

SURFACE OWNER BURL W. HARPER ACREAGE 100
 OIL & GAS ROYALTY OWNER BURL W. HARPER LEASE ACREAGE 100
 LEASE NO. _____

09/15/2023

PROPOSED WORK: DRILL X 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 5300
 WELL OPERATOR ALLEGHENY-WESTERN DESIGNATED AGENT ROLAND BAER
 ADDRESS P.O. BOX 2587 ADDRESS SAME
CHARLESTON W.V. 25326