



Date: MAY 9, 19 82

Operator's  
Well No. N. M. WELCH HEIRS #1

API Well No. 47 085 5626

State County Permit

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas          /  
(If "Gas", Production          / Underground storage          / Deep          / Shallow          /)

LOCATION: Elevation: 1038' Watershed: HUSHERS RUN  
District: CLAY County: RITCHIE Quadrangle: ELLENBORO 7.5'

WELL OPERATOR RIMROCK PRODUCTION CORP. DESIGNATED AGENT ROBERT L. MURDOCK  
Address 4424-B EMERSON AVE. Address 4424-B EMERSON AVE.  
PARKERSBURG, W. VA. PARKERSBURG, W. VA.

OIL & GAS ROYALTY OWNER N.M. WELCH HEIRS ET AL  
Address c/o JACK & BETTY BURG  
MOUNTAIN, W. VA. 26407  
Acreage 100

COAL OPERATOR NONE  
Address   

SURFACE OWNER M. N. WELCH  
Address 5  
Acreage 100

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name NONE  
Address     
Name     
Address   

FIELD SALE (IF MADE) TO:  
Address UNKNOWN

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name WILLIAM BLOSSER  
Address RT. 4 FAIRMONT, W. VA.  
304-363-9105

COAL LESSEE WITH DECLARATION ON RECORD:  
Name NONE  
Address MAY 13 1982

**RECEIVED**  
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 MARCH 6, 19 82, to the undersigned well operator from WALTER C. CRANE  
(If said deed, lease, or other contract has been recorded):  
Recorded on MAR. 22, 19 82, in the office of the Clerk of the County Commission of RITCHIE County, West  
Va., in LEASE Book 142 at page 401. A permit is requested as follows:

PROPOSED WORK: Drill X / 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**  
RIMROCK PRODUCTION CORP.  
Well Operator  
By ROBERT L. MURDOCK  
Its PRESIDENT

**PROPOSED WORK ORDER**

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

DRILLING CONTRACTOR (IF KNOWN) UNKNOWN  
Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, ALEXANDER

Estimated depth of completed well, 5250' feet Rotary x / Cable tools \_\_\_\_\_ /

Approximate water strata depths: Fresh, 150' feet; salt, 0' 600 feet.

Approximate coal seam depths: 0 Is coal being mined in the area? Yes \_\_\_\_\_ / No x /

**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	cw	45#	x		45'	45'	40 sx	Kinds
Fresh Water	8-5/8	erw	23#	x		<del>1200'</del> <sup>300</sup>	<del>1200'</del> <sup>300</sup>	<del>350 sx</del> <sup>CTS</sup>	Baker
Coal									Sizes
Intermediate									
Production	4 1/2	erw	10.5#	x		0	5500'	700 sx	Depths set 4000'
Tubing	2-3/8	cw	4.7#	x		0	4000'	0	
Liners									Perforations: est. depth Top 3200' Bottom 5300'

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** 1-19-83  
**BY** [Signature]

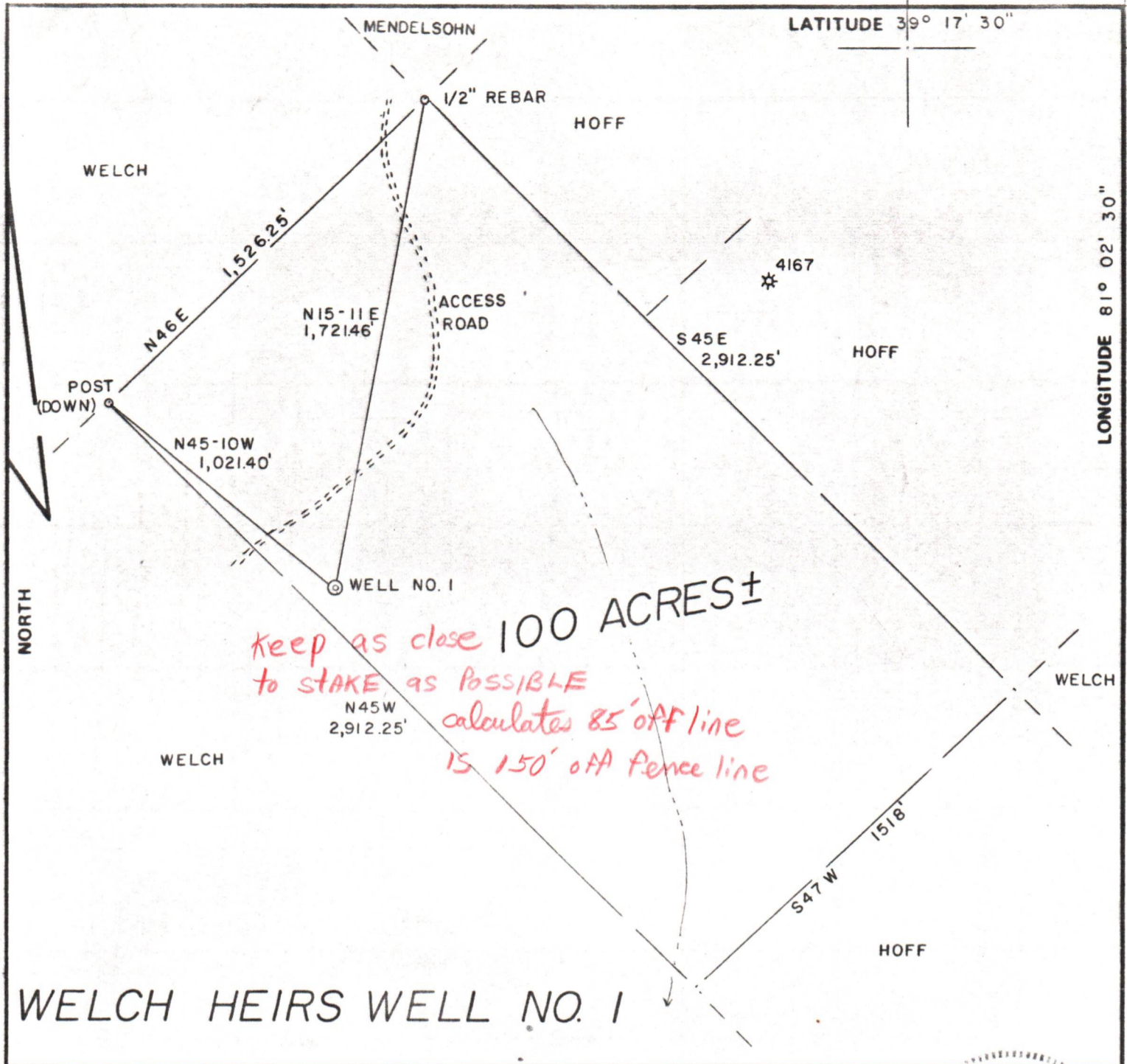
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

**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 \_\_\_\_\_

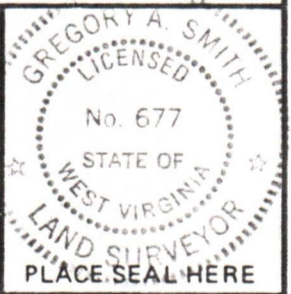
By \_\_\_\_\_  
Its \_\_\_\_\_



**WELCH HEIRS WELL NO. 1**

FILE NO. 7-24  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB  
 ELEV. 1145'

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) Gregory A. Smith  
 R.P.E. \_\_\_\_\_ L.L.S. 677



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



DATE APRIL 23, 1982  
 OPERATOR'S WELL NO. 1  
 API WELL NO. \_\_\_\_\_  
47 - \_\_\_\_\_ - \_\_\_\_\_  
 STATE COUNTY PERMIT

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

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1038' WATER SHED HUSHERS RUN  
 DISTRICT CLAY COUNTY RITCHIE  
 QUADRANGLE ELENBORO 7.5'  
 SURFACE OWNER M. N. WELCH ACREAGE 100  
 OIL & GAS ROYALTY OWNER N. M. WELCH HEIRS, et al LEASE ACREAGE 100  
 LEASE NO. \_\_\_\_\_  
 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 ELK ESTIMATED DEPTH 5250'  
 WELL OPERATOR RIMROCK PRODUCTION CO. DESIGNATED AGENT ROBERT MURDOCK  
 ADDRESS 4424-A EMERSON AVE. ADDRESS 4424-A EMERSON AVE.  
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

**08/18/2023**

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MAY 13 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

08/18/2023

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME RIMROCK PRODUCTION CORP,

DESIGNATED AGENT ROBERT L. MURDOCK

Address 4424A EMMERSON AVE. PARKERSBURG, W.V. 2610 Address 4424A EMMERSON AVE. PARKERSBURG W.V.

Telephone 304-428-1520

Telephone 304-428-1520

LANDOWNER N.M. WELCH HEIRS

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by RIMROCK PRODUCTION CORP. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-6-82 (Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure DRAINAGE DITCH (A)	Structure DIVERSION DITCH (1)
Spacing	Material EARTHEN
Page Ref. Manual I:11	Page Ref. Manual I:9
Structure CULVERT (B)	Structure SEDIMENT BARRIER (2)
Spacing MIN. 16"	Material BRUSH OR LOGS
Page Ref. Manual I:7	Page Ref. Manual I:15
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.

REVEGETATION

Treatment Area I & II

Lime	Tons/acre
or correct to pH 6.5	
Fertilizer 600	lbs/acre
(10-20-20 or equivalent)	
Mulch HAY	2 Tons/acre
Seed* KY-31	30 lbs/acre
CROWN VETCH	10 lbs/acre
	lbs/acre

Treatment Area III

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.

08/18/2023

PLAN PREPARED BY SMITH LAND SURVEYING

ADDRESS 111 SOUTH STREET

GLENVILLE W.V. 26351

PHONE NO. 304-462-5634

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 ELLENBORO 7.5'

LEGEND

Well Site ⊕

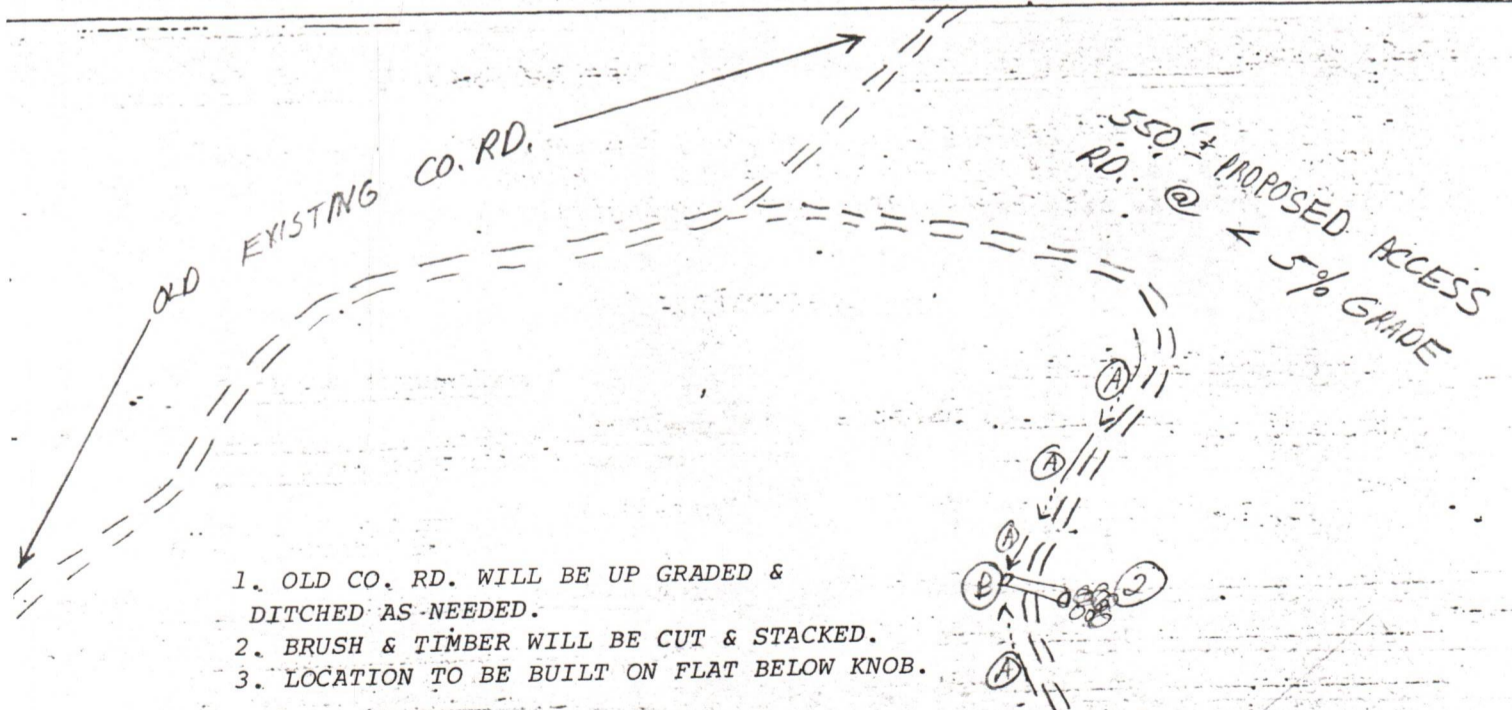
Access Road ———

WELL SITE PLAN

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

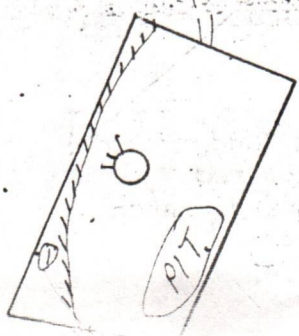
LEGEND

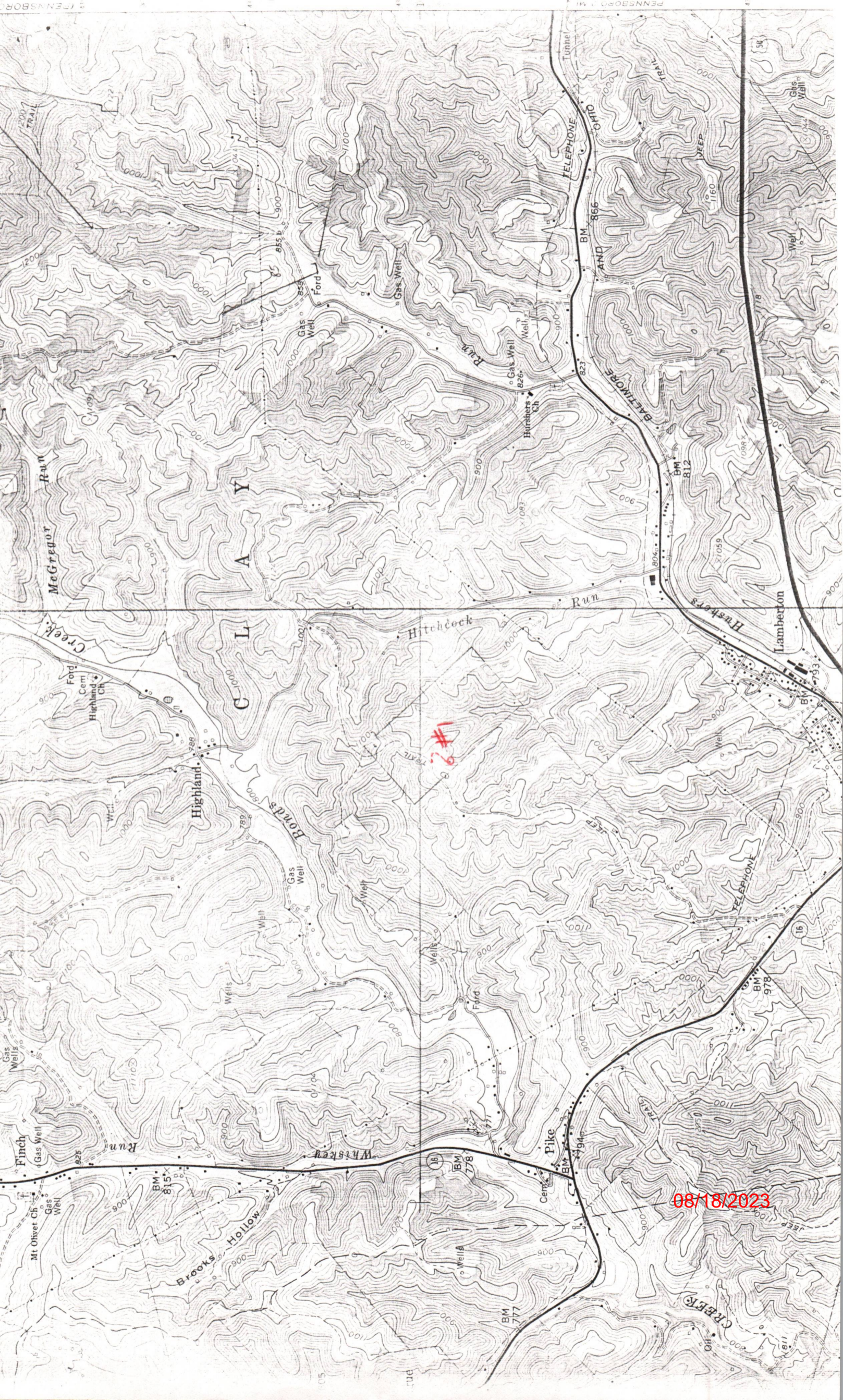
Property boundary		Diversion	
Road		Spring	
Existing fence		Wet spot	
Planned fence		Building	
Stream		Drain pipe	
Open ditch		Waterway	



1. OLD CO. RD. WILL BE UP GRADED & DITCHED AS NEEDED.
2. BRUSH & TIMBER WILL BE CUT & STACKED.
3. LOCATION TO BE BUILT ON FLAT BELOW KNOB.

08/18/2023





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08/18/2023

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MAY 13 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

08/18/2023



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

**RECEIVED**  
JAN 29 1985  
OIL & GAS DIVISION  
DEPT. OF MINES

Permit number: 47- 85-5626  
Company: RIMROCK PROD COMPANY  
Date: 27-Nov-84  
Date issued: 5/19/82

County: RITCHIE  
Farm: M N WELCH #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. Hersman  
Date: 1-23-85

*Could find no location*

08/18/2023



State of West Virginia

BARTON B. LAY, JR.  
DEPUTY DIRECTOR

Department of Mines  
Oil and Gas Division  
Charleston 25305

THEODORE M. STREIT  
ADMINISTRATOR

February 7, 1985

Rimrock Production Co.  
4424 "B" Emerson Avenue  
Parkersburg, WV 26101

In Re: Permit No: 47-085-5626  
Farm: N. M. Welch, Heirs  
Well No: 1  
District: Clay  
County: Ritchie  
Issued: 5-19-82

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.

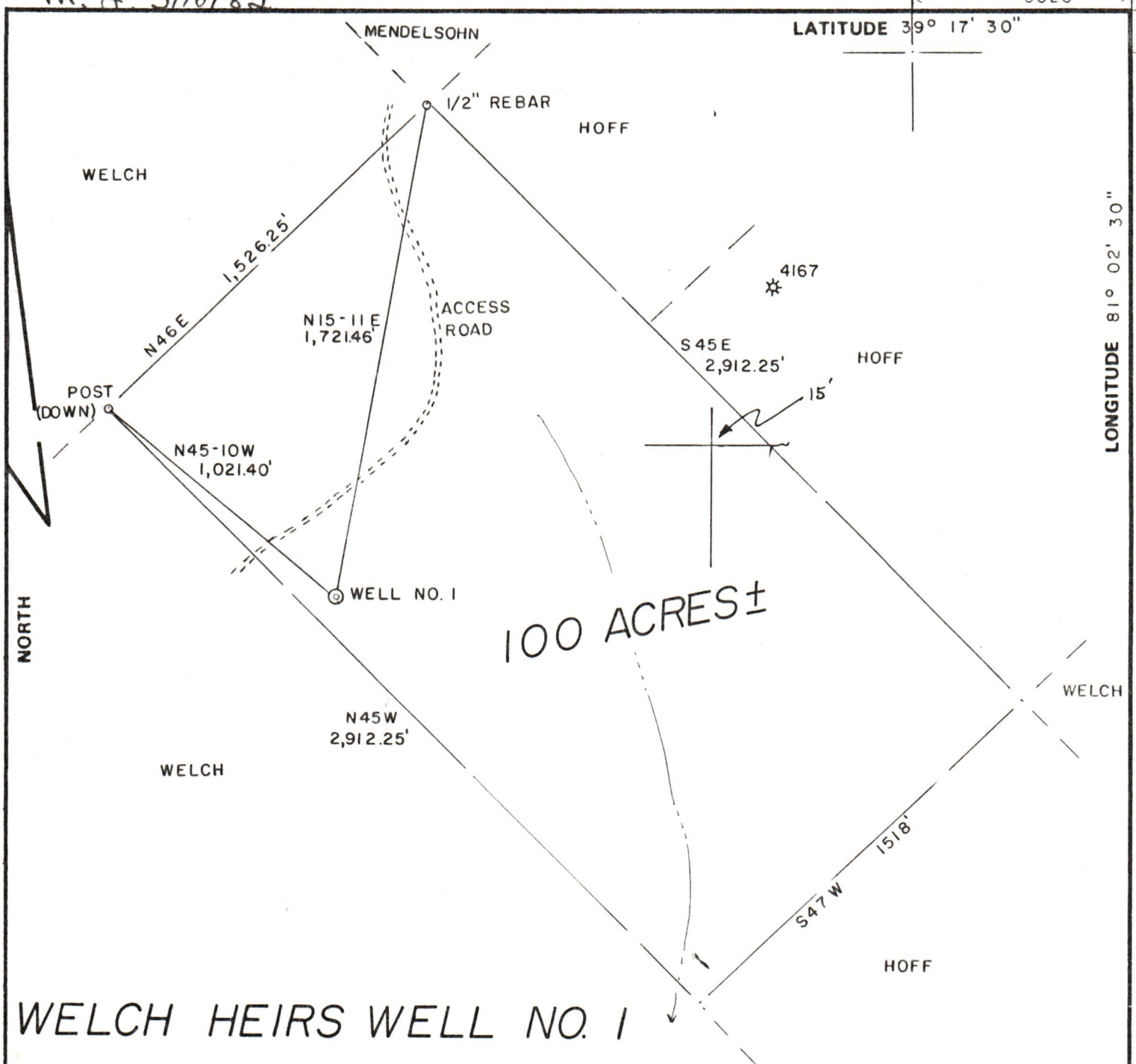
Very truly yours,

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

TMS/ chm

08/18/2023

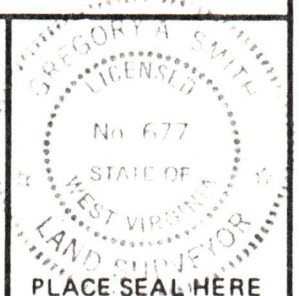
11A. 5/16/82



WELCH HEIRS WELL NO. 1

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 FORM IV-6 (8-78)



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE APRIL 23, 19 82  
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 API WELL NO. \_\_\_\_\_  
47 - 085 - 5626  
 STATE COUNTY PERMIT  
Cancelled

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
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PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

065  
LONGITUDE 81° 02' 30"  
KIT 5626 JAN.