



Date: March 30, 19 82

Operator's Well No. 2

API Well No. 47 085 5550
State County Permit

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

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow X /)
LOCATION: Elevation: 695 Watershed: Camp Run of South Fork Hughes River
District: Grant County: Ritchie Quadrangle: MacFarlan 7 1/2
WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT John R. Mitchell
Address P. O. Box 26 Address P. O. Box 26
Bridgeport, WV 26330 Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Juanita Parker and Maxine Evans
Address P. O. Box 1083
Wildwood, Fla. 32785
Acreage 98

COAL OPERATOR
Address

SURFACE OWNER Alan Kerns & Marilyn Webster Name Same as mineral
Address 1204 37th Street
Parkersburg, WV
Acreage 98

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Address
Name Address
Name Address
Name Address

FIELD SALE (IF MADE) TO:
Address Unknown

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace
Address Route 1 Box 5
Sandridge, WV 25274

COAL LESSEE WITH DECLARATION ON RECORD:
Name Address
Name Address
Name Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X other contract / dated March 27, 19 81, to the undersigned well operator from Juanita Parker & Maxine & Spencer Evans
(If said deed, lease, or other contract has been recorded:)
Recorded on April 8, 19 81, in the office of the Clerk of the County Commission of Ritchie County, West Va., in Lease Book 135 at page 397. 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

08/18/2023
PETROLEUM DEVELOPMENT CORPORATION
By John R. Mitchell Well Operator
Its Area Manager

BLANKET BOND

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, Marcellus Shale

Estimated depth of completed well, 5500 feet Rotary / Cable tools _____ /

Approximate water strata depths: Fresh, 40 feet; salt, 1600 feet.

Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No /

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	-	-		X	40	40	Circulate	Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 5/8	K-55	23#	X		1700	1700	Circulate	
Production	4 1/2	K-55	10.5	X		5500	5500	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 12-12-82.
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 06/18/2023 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 _____

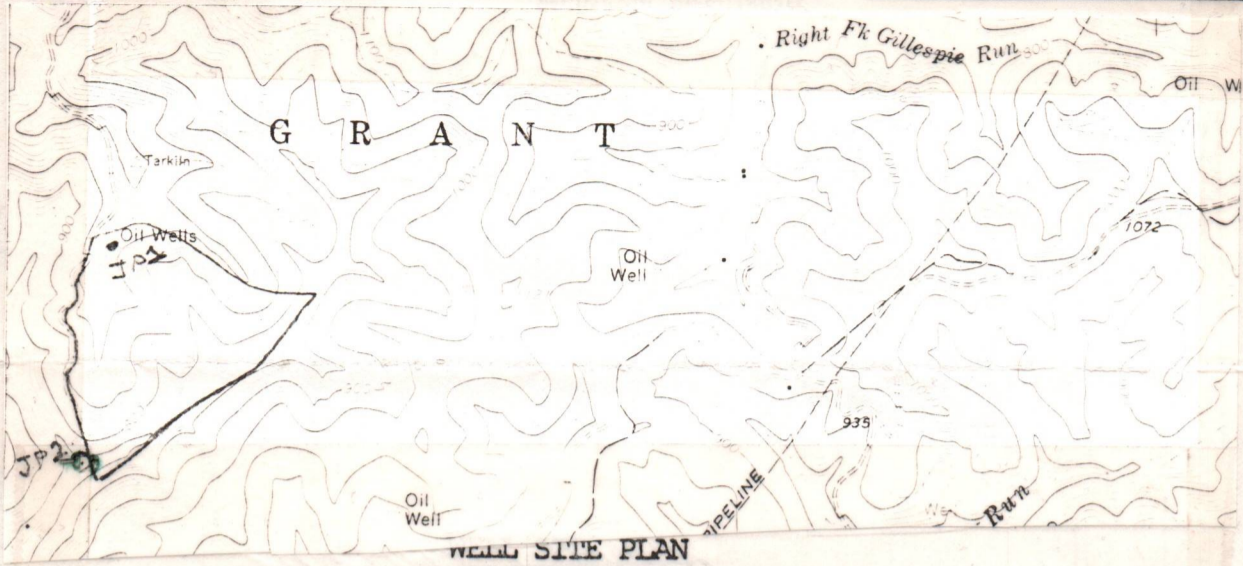
By _____
Its _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Macfarlin 7.5

LEGEND

Well Site ⊕

Access Road ———



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

Land Use: Pasture ___ Hayland ___ Cropland ___ Very Small Woodland ___
+ Scrub Brush

LEGEND

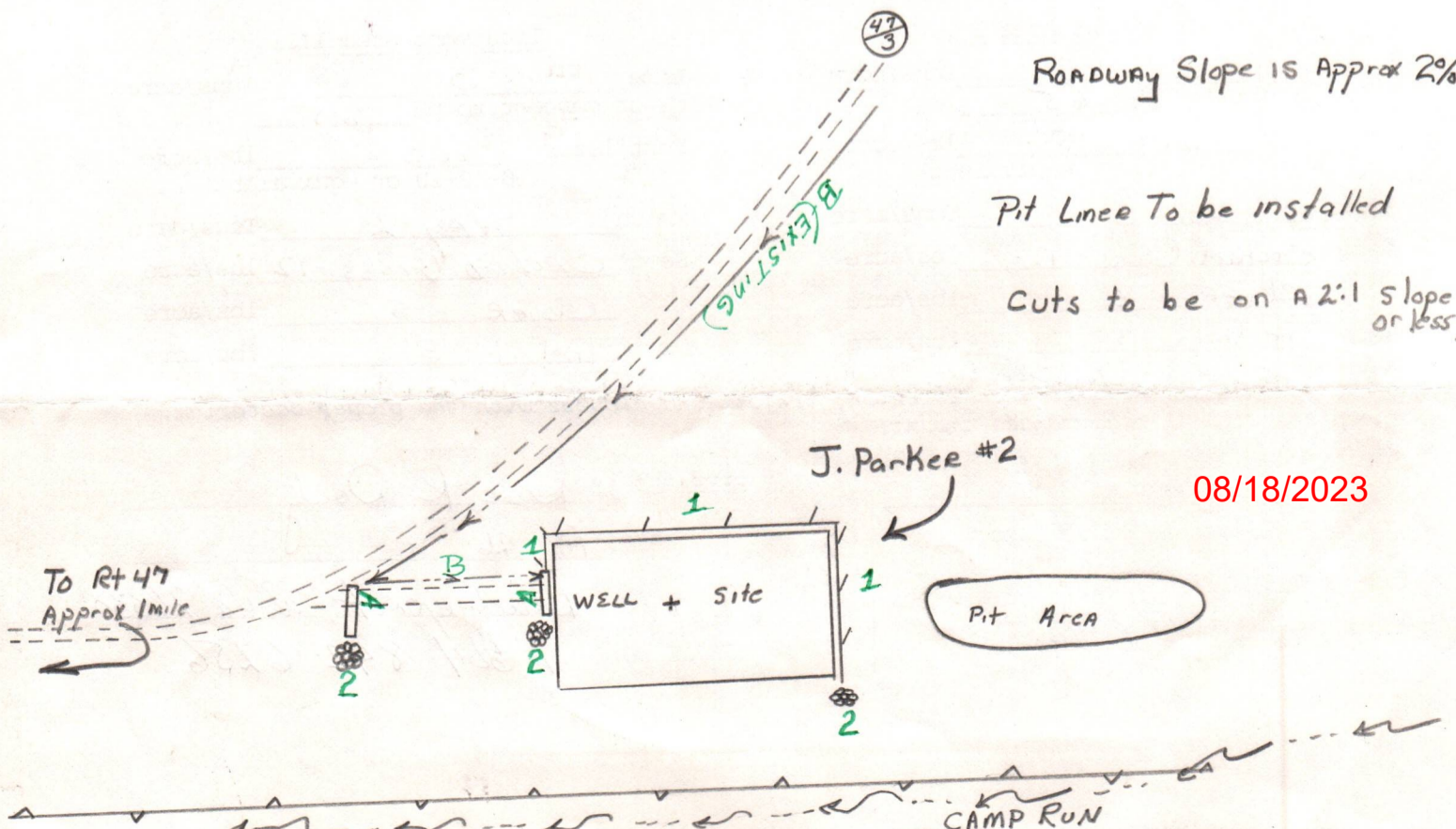
Property boundary ———▲—————	Diversion ———/—————
Road = = = = =	Spring ⊕→
Existing fence ———x—————x—————	Wet spot ⊕
Planned fence ———/—————/—————	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe ———○—————○—————→
Open ditch ———>—————>—————>—————>	Waterway <— = — = — = — = — =

J. Parker #1

ROADWAY Slope is Approx 2%

Pit Lines To be installed

Cuts to be on a 2:1 slope or less



08/18/2023



IV-9
(Rev 8-81)

DATE MARCH 19, 1982

WELL NO. 1

State of West Virginia

API NO. 47 - 085 - 5550

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Development Corp.
Address P.O. 26 BRIDGEPORT, W. Va. 26330
Telephone 842-6256

DESIGNATED AGENT John R. Mitchell
Address P.O. 26, Bridgeport, W. Va. 26330
Telephone 842-6256

LANDOWNER Allen Kerns and M. Webster

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Seeding Contractor (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 3-22-82 (Date)

Janett Newton
(SCD Agent)

RECEIVED

APR 6 - 1982

ACCESS ROAD	LOCATION	OIL AND GAS DIVISION WV DEPARTMENT OF MINES
Structure <u>DRAIN Pipe</u> Spacing <u>(Min-12" I.D.)</u> Page Ref. Manual <u>2.5</u>	(A) Structure <u>Diversion Ditch</u> Material <u>EARTHEN</u> Page Ref. Manual <u>2.10</u>	(1)
Structure <u>Drainage Ditch</u> Spacing <u>N/A</u> Page Ref. Manual <u>2.10</u>	(B) Structure <u>Rip-Rap</u> Material <u>Stone</u> Page Ref. Manual <u>N/A</u>	(2) RECEIVED APR 1 - 1982 OIL AND GAS DIVISION WV DEPARTMENT OF MINES
Structure _____ Spacing _____ Page Ref. Manual _____	(C) Structure _____ Material _____ Page Ref. Manual _____	(3)

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 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay - 2 Tons/acre

Seed* Orchard Grass - 12 lbs/acre
clover - 5 lbs/acre
Trefoil - 3 lbs/acre

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay - 2 Tons/acre

Seed* ORchard Grass - 12 lbs/acre
clover - 5 lbs/acre
Trefoil - 3 lbs/acre

Rye Grass - 1 bu. per Ac.
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Dave R. Douthett 08/18/2023

ADDRESS P.O. 26
Bridgeport, W. Va. 26330
PHONE NO. 1-804-842-6256

NOTE: Flood protect seedlings' preparation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

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- 85-5550
Company: PETROLEUM DEVE CORP
Date: 27-Nov-84
Date issued: 4/12/82

County: RITCHIE
Farm: ALAN KERNS/MAR WEBSTER #2
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: 2-5-85

08/18/2023



State of West Virginia

BARTON B. LAY, JR.
DIRECTOR

Department of Mines
Oil and Gas Division

THEODORE M. STREIT
ADMINISTRATOR

Charleston 25305

February 15, 1985

Petroleum Development Corporation

P. O. Box 26
Bridgeport, WV 26330

In Re: Permit No: 47-085-5550

Farm: Alan Kerns & Marilyn Webster

Well No: 2

District: Grant

County: Ritchie

Issued: 4-12-82

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

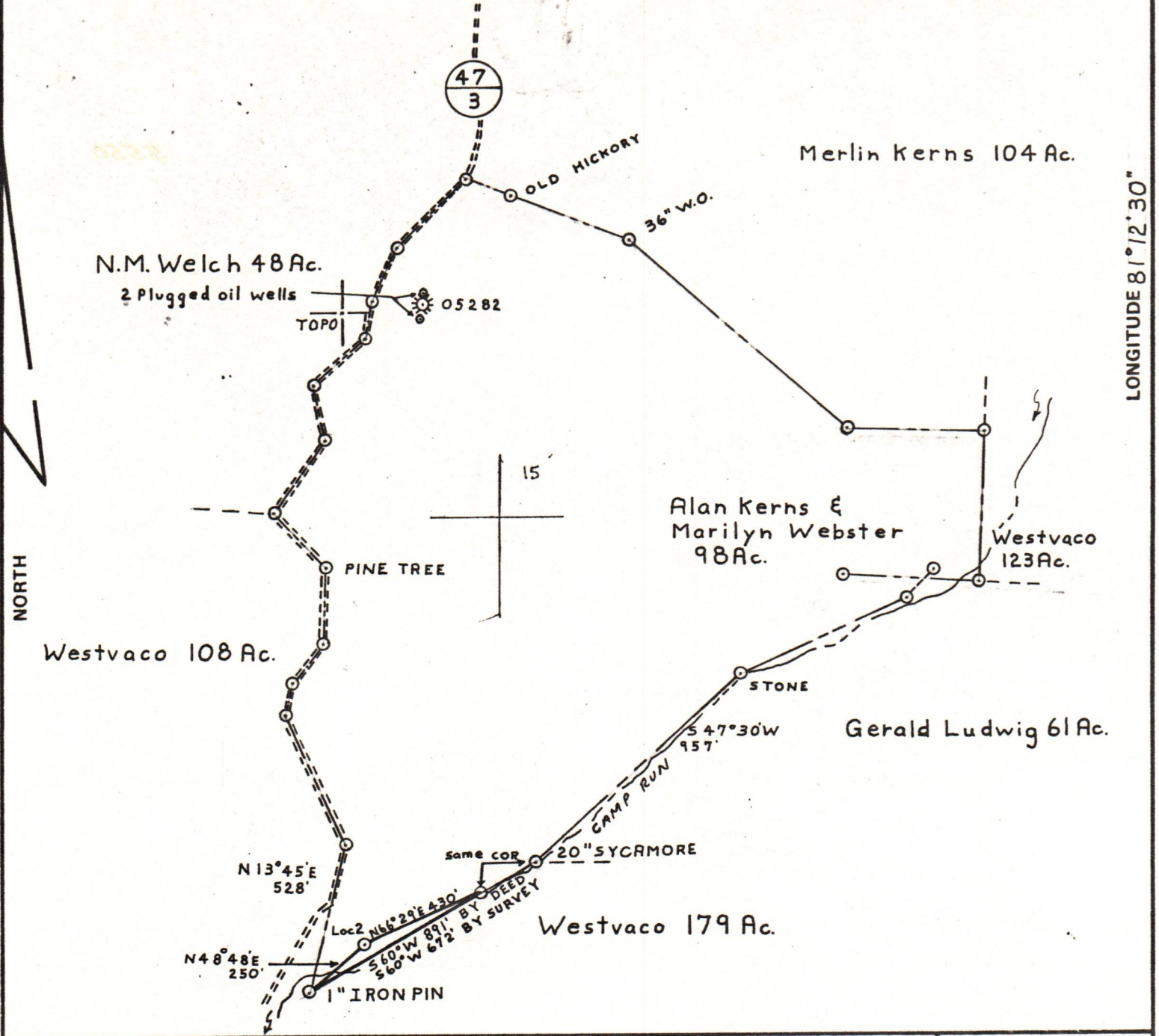
M. J. 4/11/82

11,025

LATITUDE 39°07'30"

LONGITUDE 81°12'30"

NORTH



FILE NO. P.D.C. # 4-P9.9
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION Δ TARKILN STA.
 ELEV. 1134' ± 3600' NORTH

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 G. 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)

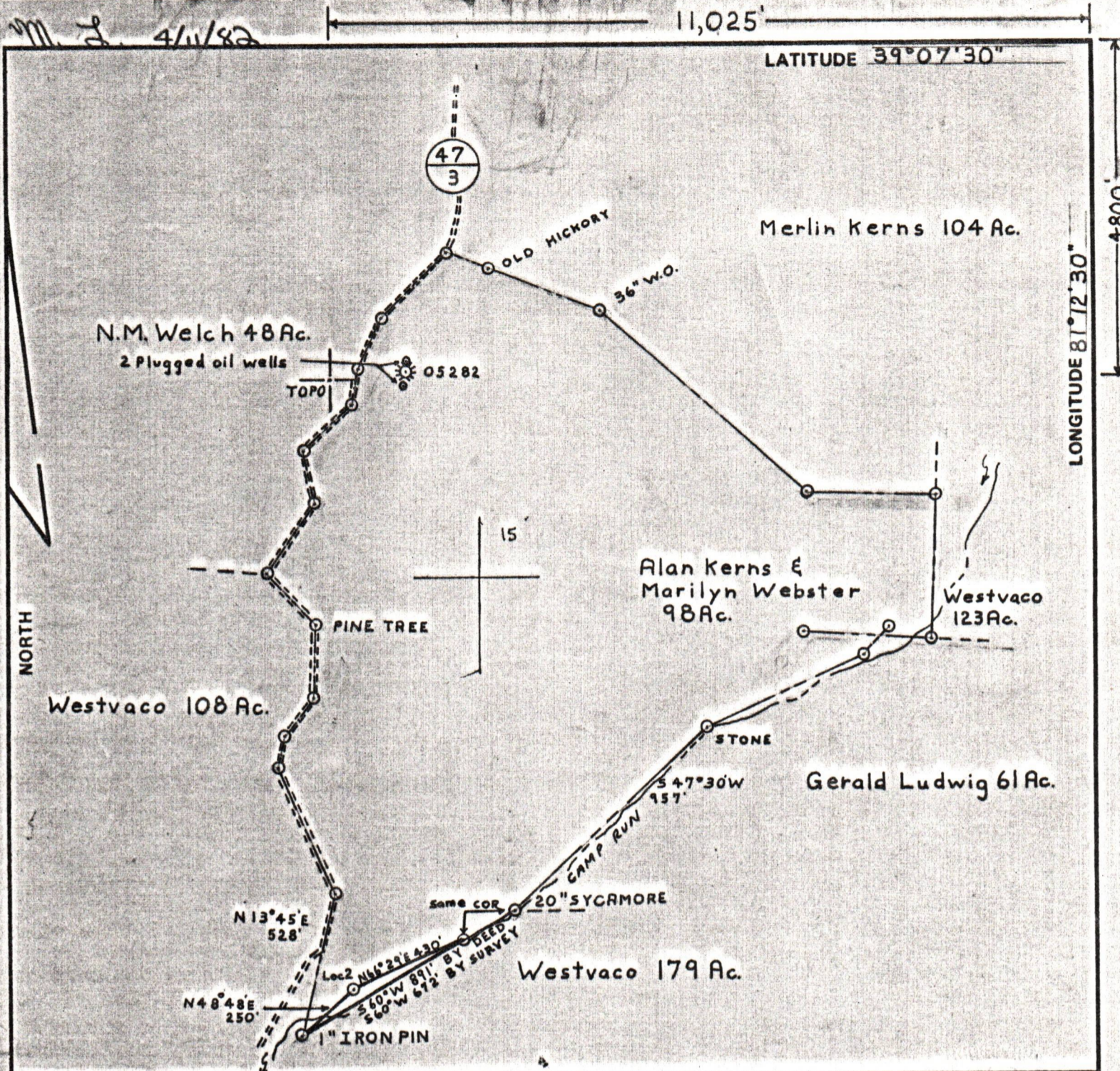


DATE MARCH 18, 19 82
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-085-5550
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 695' WATER SHED CAMP RUN OF SOUTH FORK HUGHES RIVER
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE MACEARLAN 7 1/2'
 SURFACE OWNER ALAN KERNS & MARILYN WEBSTER ACREAGE 98 Ac.
 OIL & GAS ROYALTY OWNER JUANITA PARKER LEASE ACREAGE 98 Ac.
 LEASE NO. 151500 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 5500'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT JOHN MITCHELL
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT W.V. BRIDGEPORT W.V.



FILE NO. PDC # 4-P9.9
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STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Cancelled

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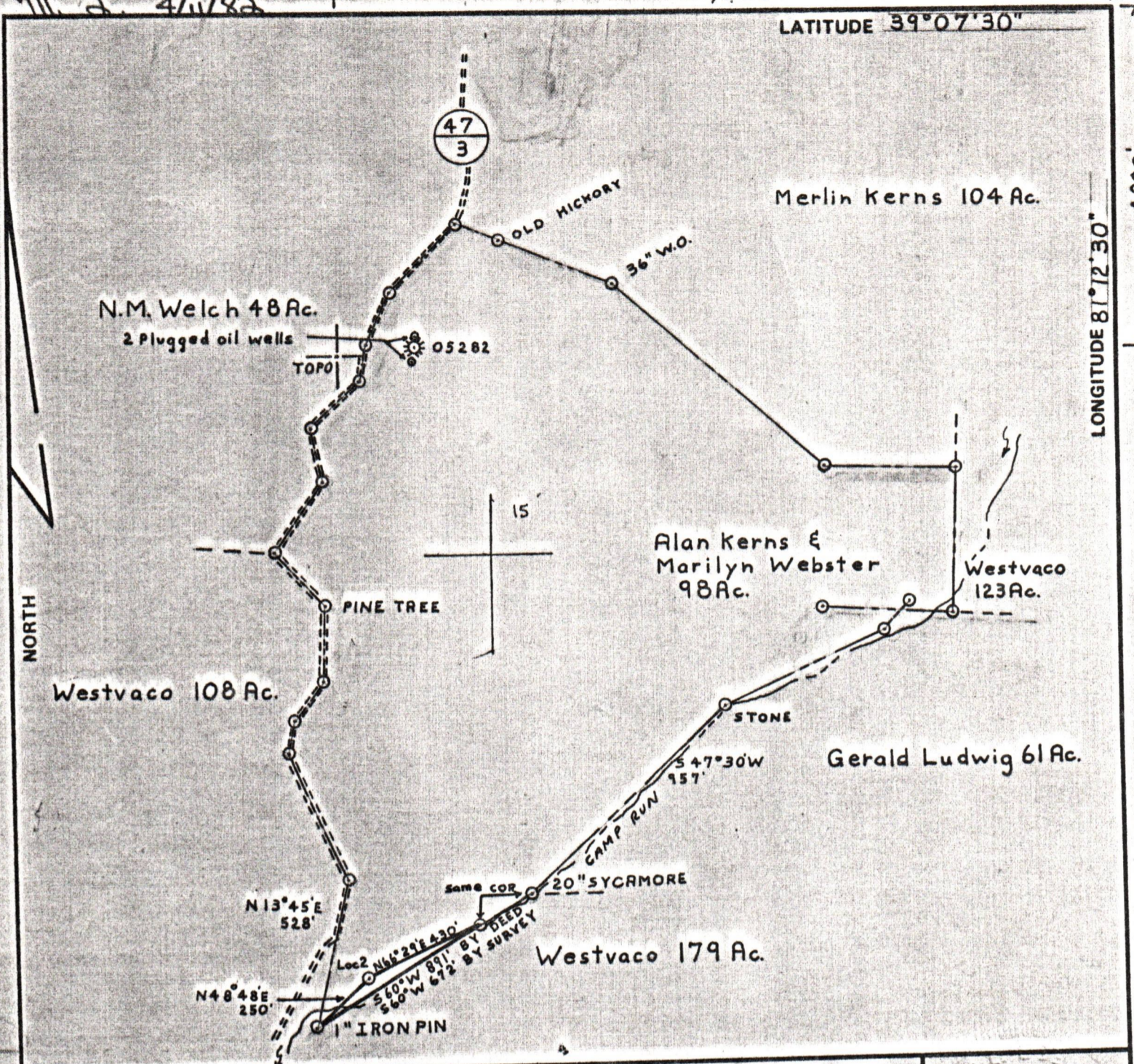
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M. J. 4/11/82

11,025'

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 DEPARTMENT OF MINES
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