



Date: August 9, 1982

Operator's Well No. #1

API Well No. 47 085 5802
State County Permit

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

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: 1005' Watershed: Layfields Run
District: Grant County: Ritchie Quadrangle: Schultz 7 1/2'

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

OIL & GAS ROYALTY OWNER Patty Sue Cross
Address 3246 Clifford Drive
Cincinnati, Ohio 45239
Acreage 44

COAL OPERATOR _____
Address _____

SURFACE OWNER Robert Lewis Dulaney
Address Rt 1, Box 114-A
St. Marys, WV 26170
Acreage 28

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

RECEIVED
AUG 05 1982
OIL & GAS DIVISION
DEPT. OF MINES

FIELD SALE (IF MADE) TO:
Address _____

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 _____ other contract x / dated May 11, 1981, to the undersigned well operator from Bluestone Mineral Inc.

(IF said deed, lease, or other contract has been recorded:)
Recorded on June 3, 1981, in the office of the Clerk of the County Commission of Ritchie County, West Va., in lease Book 136 at page 500. 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

04/12/2024

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

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) _____
Address _____

GEOLOGICAL TARGET FORMATION, Marcellus Shale

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

Approximate water strata depths: Fresh, 5900 feet; salt, 355 feet.

Approximate coal seam depths: none 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	16"	--	--		x	30'	30'		Kinds
Fresh Water	11 3/4"	H-40	44#	x		240'	240'	cement to surface	
Coal									Sizes
Intermediate	8 5/8"	H-40	23#	x		2050'	2050'	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 1 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling **. THIS PERMIT SHALL EXPIRE**
4-10-83
BY _____

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 **04/12/2024** 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 _____

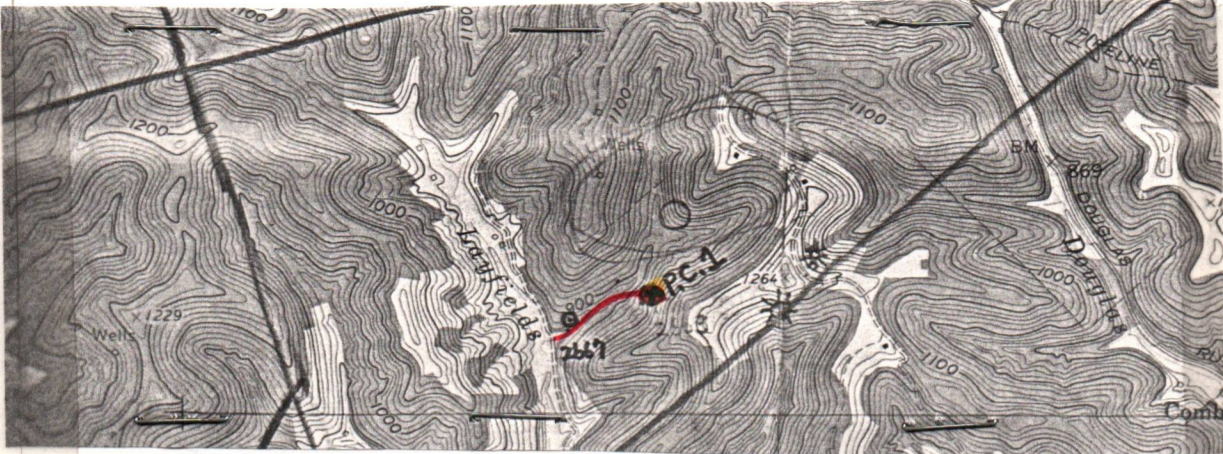
By _____
Its _____

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

LEGEND

Well Site 

Access Road 















WELL SITE PLAN

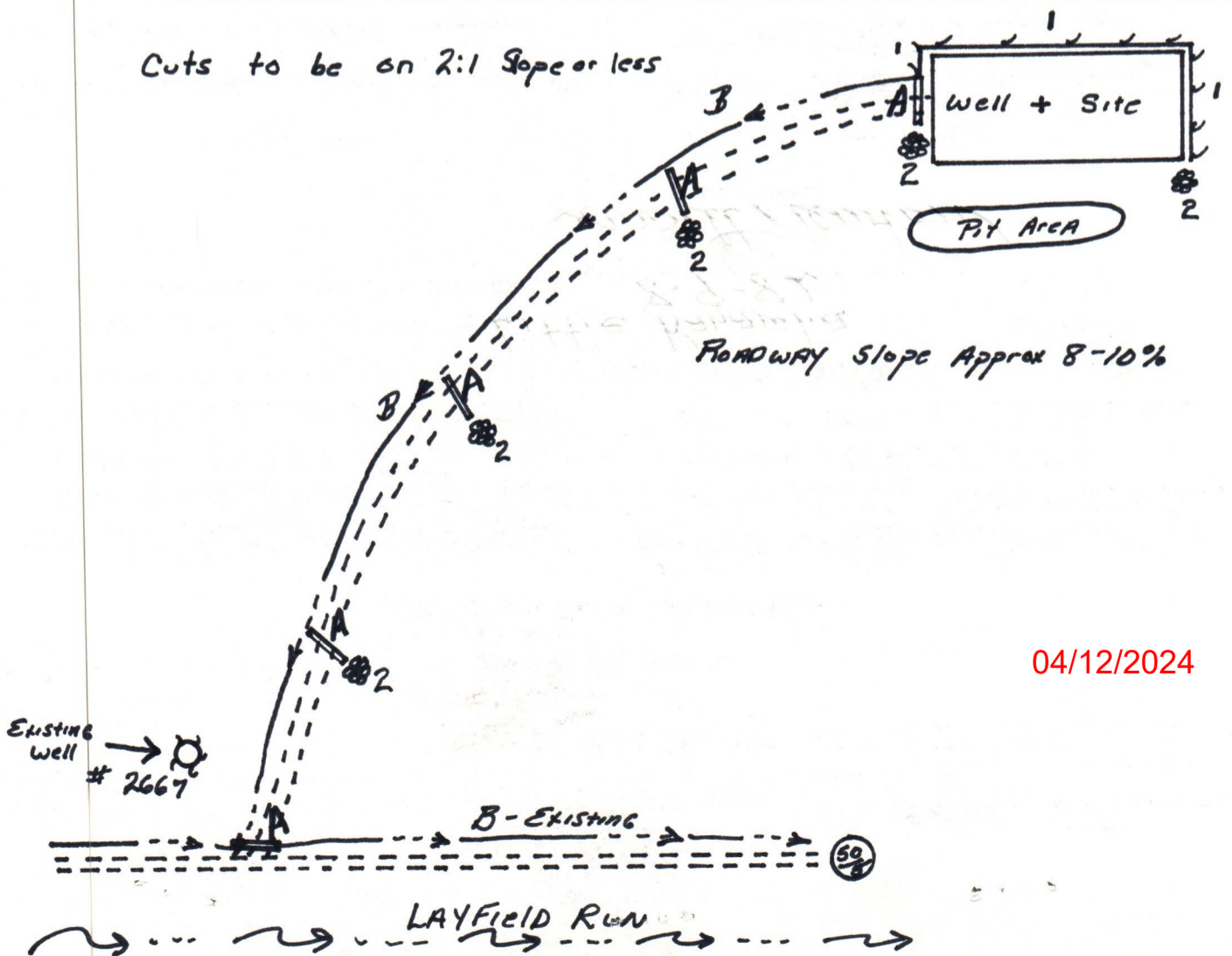
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

Patty Cross #1

LEGEND

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

Cuts to be on 2:1 Slope or less



04/12/2024

04/12/2024



DATE August 9-82
WELL NO. 1
API NO. 47-085-5802
State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Development Corp.
DESIGNATED AGENT John Mitchell
Address P.O. 26, Bridgewater, W.Va.
Telephone (304) 847-6256
LANDOWNER Robert Lewis Delaney
SOIL CONS. DISTRICT Little Kanawha
DESIGNS CONTRACTOR Securus Contractor
(Agent)
This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan:
(Date) 8-9-82
(SCD Agent) Janet Mitchell
1982

LOCATION
OIL & GAS DIVISION
MINE

Structure	Spacing	Page Ref. Manual	Structure	Spacing	Page Ref. Manual
(A) <u>DRAIN PIPE</u>	<u>(min. 12" I.D.)</u>	<u>2.7</u>	(1) <u>Drainage Ditch</u>	<u>n/a</u>	<u>n/a</u>
(B) <u>Drainage Ditch</u>	<u>n/a</u>	<u>2.12</u>	(2) <u>rip-rap</u>	<u>stone</u>	<u>n/a</u>
(C) <u>Structure</u>	<u>Structure</u>	<u>Page Ref. Manual</u>	(3) <u>Structure</u>	<u>Material</u>	<u>Page Ref. Manual</u>

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	Lime 3 Tons/acre or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)	Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch 744.2 Tons/acre	Mulch 744.2 Tons/acre
Seed* K-31-35 lbs/acre	Seed* K-31-35 lbs/acre
LADINA Clover-5 lbs/acre	LADINA Clover-5 lbs/acre

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

NOTES: Please request landowner cooperation to provide new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY John R. Roubly

ADDRESS P.O. 26

Bridgewater, W.Va. 26330
PHONE NO. (304) 842-6256



**Petroleum
Development
Corporation**

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

Phone: 304-842-3597

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

Rit 5802

Attention: Mr. Ted Streit

RE: House Bill #1254

Dear Mr. Streit:

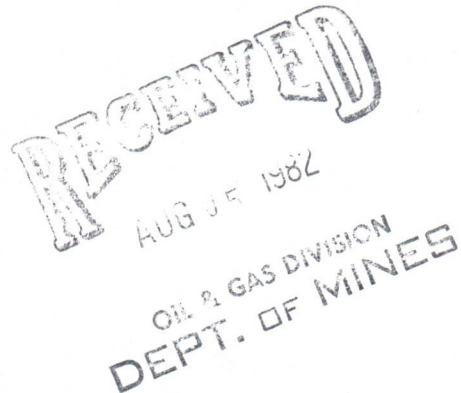
With regards to the payment to be made to the royalty owner on this property, please be advised that the lease does not provide for a flat well royalty or any similar provision for compensation. The royalty on this lease is based on volume of oil or gas to be extracted, produced or marketed.

Very truly yours,

PETROLEUM DEVELOPMENT CORPORATION

John R. Mitchell
John R. Mitchell
Area Manager of Operations

JRM/mjg



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED
 NOV 14 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 085-5802 County Ritchie
 Company PETROLEUM DEVELOPMENT CORP. Farm ROBERT L. DULANEY
 Inspector MIKE U. Well No. 1#
 Date 11-9-83

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	<u>X</u>	_____
23.04	Reclaimed Drilling Pits	<u>X</u>	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	<u>X</u>	_____

COMMENTS: CANCELLED NEVER DRILLED

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: [Signature] 04/12/2024
 DATE: 11-9-83



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

December 8, 1983

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

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

In Re: PERMIT NO: 085-5802
FARM: Robert Lewis Dulaney
WELL NO: 1
DISTRICT: Grant
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

TMS / rl

04/12/2024

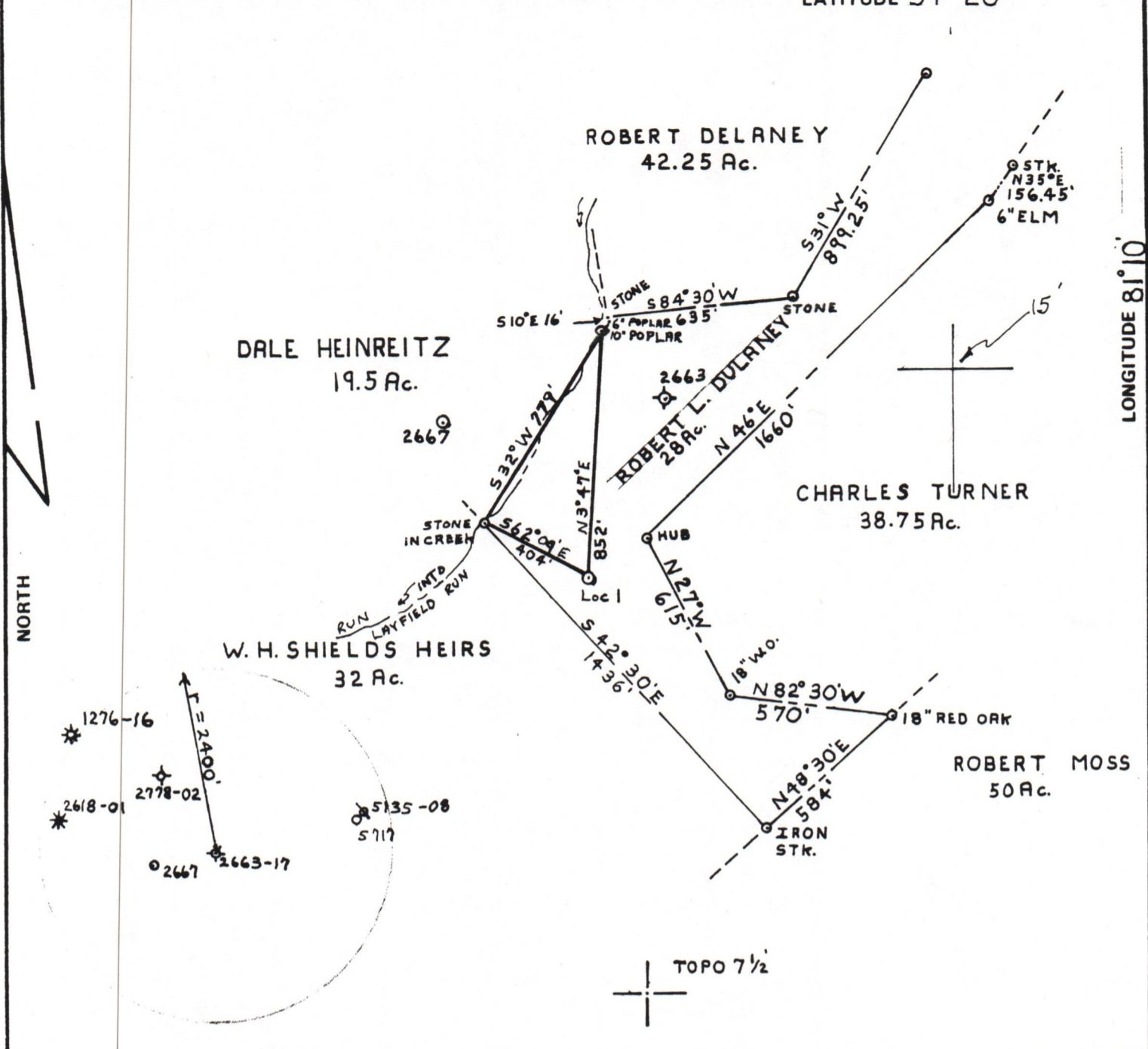
M.S. 8/9/82

6,960'

LATITUDE 39° 20'

LONGITUDE 81° 10'

13,900'



FILE NO. P.D.C. #4 - P. 34
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION WELL # 2667 = 938'

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 AUGUST 6, 1982
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-085-5802
 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 1005' WATER SHED LAYFIELDS RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE SCHULTZ 7 1/2
 SURFACE OWNER ROBERT LEWIS DULANEY ACREAGE 28
 OIL & GAS ROYALTY OWNER PATTY SUE CROSS LEASE ACREAGE 44 Ac.
 LEASE NO. 161900
 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.

04/12/2024