

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 x / Cable tools _____ /

Approximate water strata depths: Fresh, 180 feet; salt, 430 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			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	16"	--	--		x	30'	30'		Kinds
Fresh Water	11 3/4"	H-40	44#	x		200'	200'	cement to surface	
Coal									Sizes
Intermediate	8 5/8"	H-40	23#	x		1600'	1600'	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 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling **. THIS PERMIT SHALL EXPIRE**
IF OPERATIONS HAVE NOT COMMENCED BY 5-7-83
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 08/18/2023 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 _____

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



Date: August 18, 19 82
Operator's Well No. #A-3
API Well No. 47 - 085 - 5864
State County Permit

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

WELL TYPE: Oil / Gas _____
(If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
LOCATION: Elevation: 930' Watershed: Ellison Run
District: Grant County: Ritchie Quadrangle: Petroleum
WELL OPERATOR: PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT John R. Mitchell
Address: PO Box 26, 103 East Main Street Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER: Davis-Hewitt
Address: Sue W. Davis, 409 E. Main St, Harrisville, WV
Alice Anne & Davis Hewitt, 1260 W. Wesley Rd, NW
Atlantia, Georgia 30327
Acreage: 75
SURFACE OWNER: Westvaco Corporation
Address: c/o W. V. Woodlands, mgr
Parkersburg, WV 26101
Acreage: 75

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

FIELD SALE (IF MADE) TO:
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name: Samuel 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 _____ / dated August 5th, 19 82, to the undersigned well operator from Sue W. Davis, Alice Anne & Davis Hewitt
(If said deed, lease, or other contract has been recorded:) sent in for recordation August 16, 1982
Recorded on _____, 19_____, in the office of the Clerk of the County Commission of _____ County, West Va., in _____ Book _____ at page _____. A permit is requested as follows:

PROPOSED WORK: Drill / 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

RECEIVED
AUG 23 1982
OIL & GAS DIVISION
DEPT. OF MINES

08/18/2023
PETROLEUM DEVELOPMENT CORPORATION
By: John R. Mitchell
Area Manager of Operations


BLANKET BOND


file

A-5

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

LEGEND

Well Site 











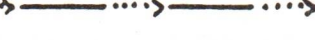
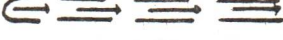
Access Road 



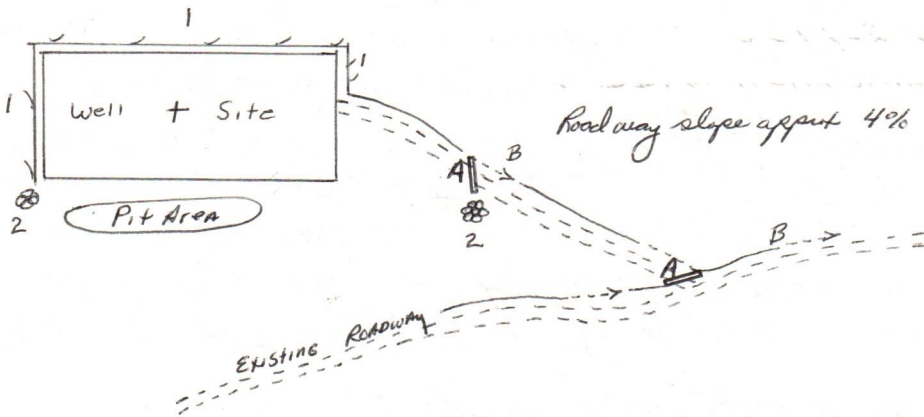
WELL SITE PLAN

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.

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



08/18/2023

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

PLAN PREPARED BY W.R. Dault
ADDRESS P.O. 26
Bradysport, W.Va. 26330
PHONE NO. 304-842-6256

Inoculate with 3X recommended amount.

RECEIVED
MAR 1 - 1988
OIL & GAS DIVISION
DEPT. OF MINES

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

Form number 47-52-2084
COMPUTERIZED BY DEPT. OF MINES
DATE 07-19-87
DATE REVISION 07/19/87

14-3
WELL NO.
LATERAL PERMIT NO.

08/18/2023

A-4



State of West Virginia

BARTON B. LAY, JR.
DIRECTOR

Department of Mines
Oil and Gas Division
Charleston 25305

THEODORE M. STREIT
ADMINISTRATOR

March 6, 1985

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

In Re: Permit No: 47-085-5864
Farm: WV Pulp & Paper
Well No: A-3
District: Grant
County: Ritchie
Issued: 9-07-82

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.

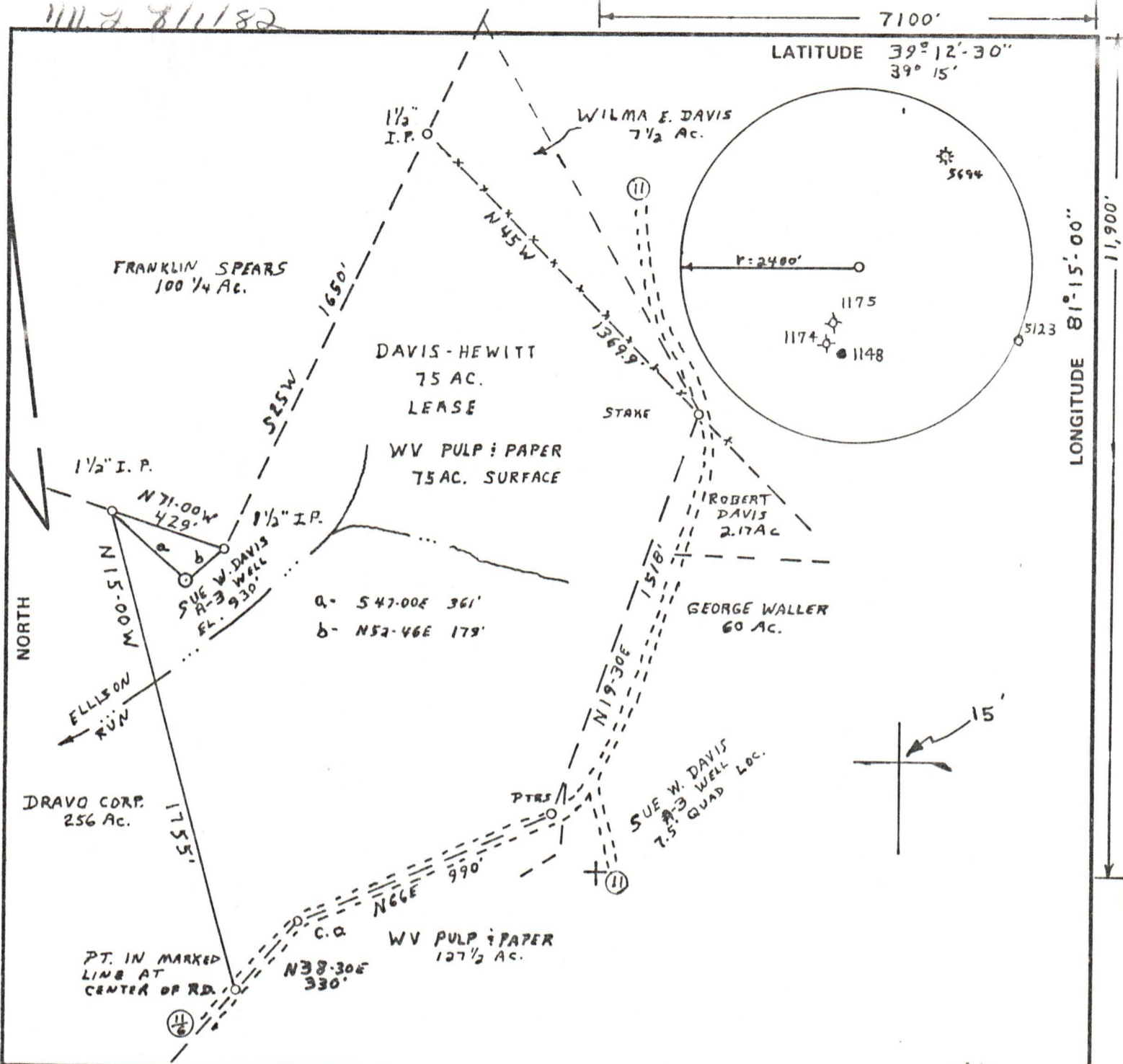
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

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

TMS/ nw

08/18/2023



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION RD. INT.
FL. 1112

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) Burl J. Smith
 R.P.E. 6988 L.L.S. _____

PLACE SEAL HERE

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

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 930' WATER SHED ELLISON RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE PETROLEUM
 SURFACE OWNER WV PULP & PAPER ACREAGE 75
 OIL & GAS ROYALTY OWNER DAVIS - HEWITT LEASE ACREAGE 75 08/18/2023
 LEASE NO. 363100
 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 DEV. CORP. DESIGNATED AGENT JOHN R. MITCHELL
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JULY 22, 19 82
 OPERATOR'S WELL NO. SUE W. DAVIS A-3
 API WELL NO. 47 - 085 - 5864
 STATE COUNTY PERMIT
cancelled

RITCHIE - 5864