

FILE COPY
RECEIVED
MAR 27 1985



1) Date: 3-25, 1985
 2) Operator's Well No. Wilson #1
 3) API Well No. 47 - 085 - 7366
 State County Permit

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

OIL & GAS DIVISION
DEPT. OF MINES

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow)
 5) LOCATION: Elevation: 1122' Watershed: Long Run & North Fork Hughes River
 District: Clay County: Ritchie Quadrangle: Pennsboro/West Union
 6) WELL OPERATOR French Creek Development 7) DESIGNATED AGENT Lynn Gragg
 Address Rt. 2 Box 57D Address Rt. 2 Box 57D
Harrisville, WV 26362 Harrisville, WV 26362
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Sam Hersman Name Haight Inc.
 Address Smithville, WV 26178 Address Smithville, WV 26178
 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
 12) Estimated depth of completed well, 5700 feet
 13) Approximate trata depths: Fresh, 80 feet; salt, 500 feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No /

15) 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									Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	RL		X		1222	1222	To Surface	By Rule 1505
Production	4 1/2	RL		X		5700	5700	500 SKS OLD	By Rule 15.01
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-7366

March 27, 19 85
Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires March 27, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
68	SW	Int.	Int.	188

Jerry W. Tephelosh
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.



THE COPY OF THIS PERMIT IS TO BE KEPT AT THE WELL LOCATION. MAR 27 1987

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: B (II) Gas, Production; 2) WELL OPERATOR: FLYNN OREK DEVELOPMENT; 3) DRILLING CONTRACTOR: ...; 4) PROPOSED WELL WORK: ...; 5) GEOLOGICAL TARGET FORMATION: ...; 6) CASING AND TUBING PROGRAM: ...

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Table with 2 columns: Date, Date(s)

Application received Follow-up inspection(s)

Well work started

Completion of the drilling process

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason: Reason: (with handwritten notes and signatures)

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DATE 27 MARCH 1985

WELL NO. WILSON #1

API NO. 47 - 085 - 7366

IV-9 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES

State of West Virginia Department of Mines Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME FRENCH CREEK DEVELOPMENT DESIGNATED AGENT LYNN GREGG
Address ROUTE 2, Box 57 D HARRISVILLE, W.VA. 26362
Telephone (304) 643-2333
LANDOWNER CHARLES CAMERON WALLER SOIL CONS. DISTRICT LITTLE KANAWHA
Revegetation to be carried out by COMCO (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 3/27/85 (Date)

Randall S. Atkinson (SCD Agent)

Table with columns ACCESS ROAD and LOCATION. Rows include CROSS DRAIN, SEDIMENT BARRIER, DRAINAGE DITCH, DIVERSION DITCH, SEDIMENT BARRIER.

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

Table with columns Treatment Area I and Treatment Area II. Rows include Line, Fertilizer, Mulch, Seed* ORCHARD GRASS, LADINO CLOVER, TIMOTHY.

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


PLAN PREPARED BY WILLIAM R. MOSS 11/24/2023


ADDRESS 106 NORTH SPRING STREET HARRISVILLE, W.VA. 26362 PHONE NO. (304) 643-4572

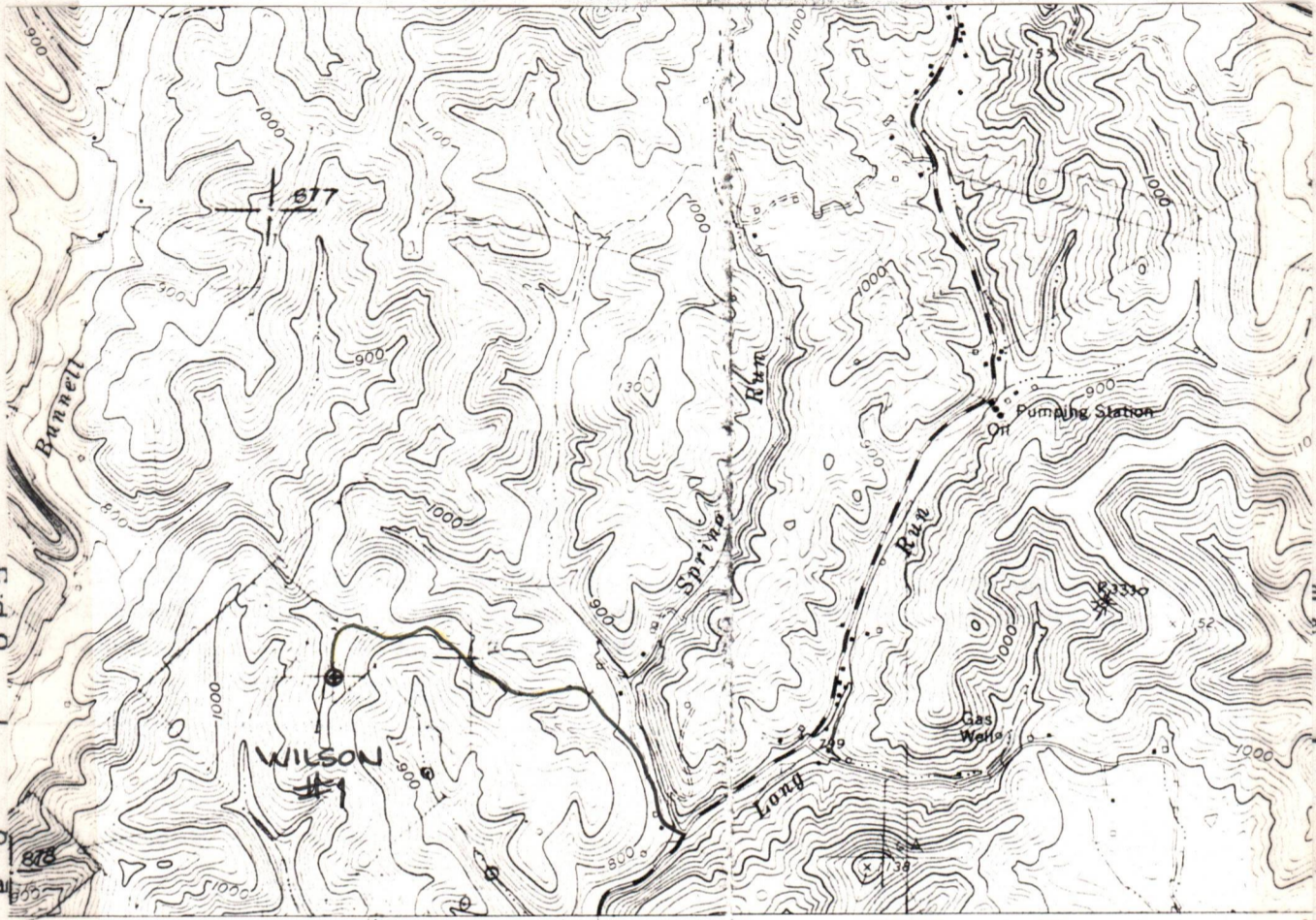
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.




ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE PENNSBORO 7 1/2' / WEST UNION 15'




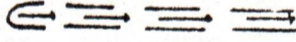
LEGEND

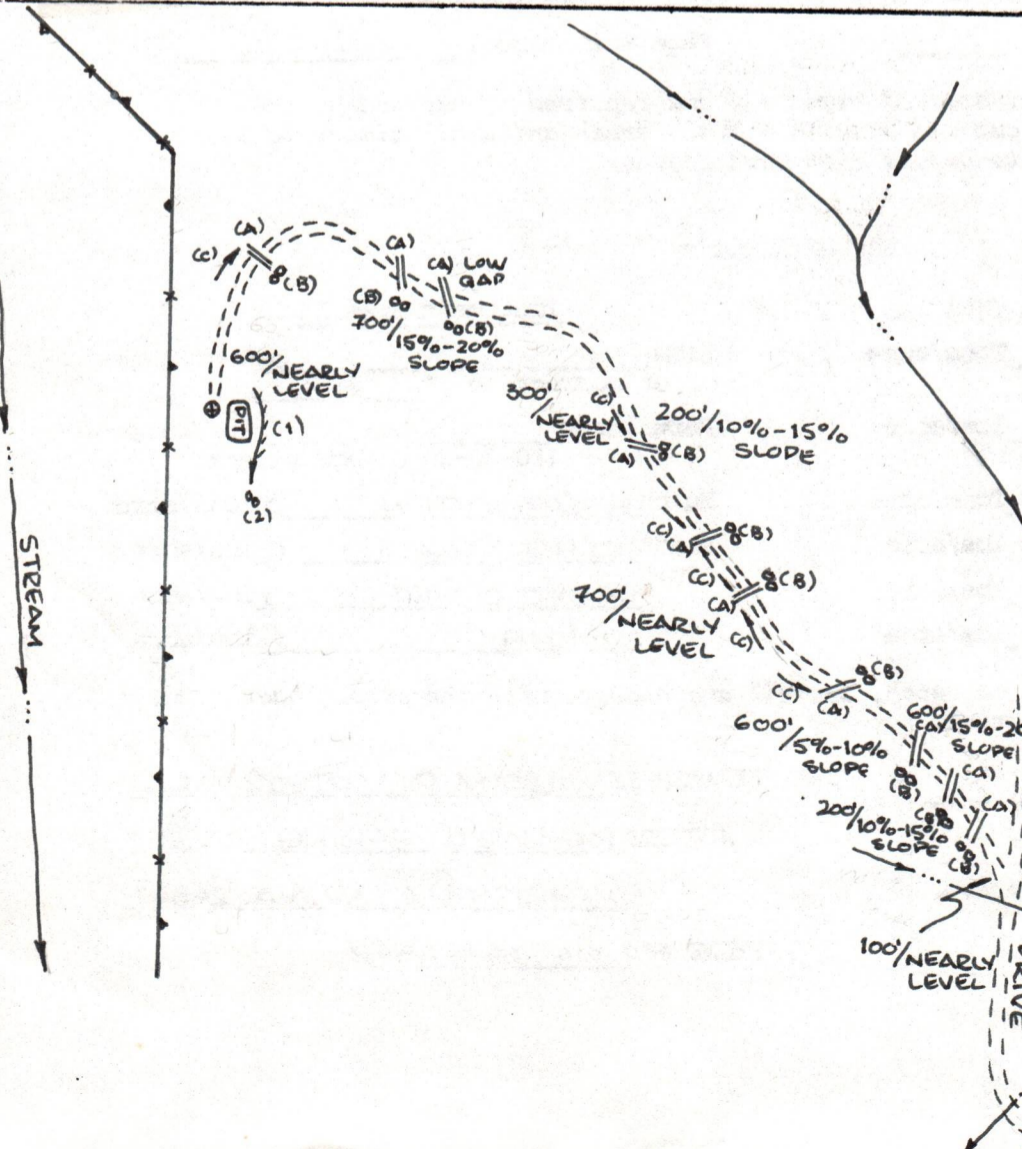
Well site 

Access Road 



- Planned fence 
- Stream 
- Open ditch 

- Wet spot 
- Building 
- Drain pipe 
- Waterway 



- COMMENTS:**
1. ACCESS ROAD IS 4000' FROM EXISTING DRIVE.
 2. NO BRUSH OR TREES AT SITE.
 3. NO CUT OR FILL NEEDED.
 4. LOCATION LOCATED IN MEADOW.
 5. LOCATION LOCATED ON RIDGE
 6. LOCATION LOCATED APPROXIMATELY 3000' EAST OF COUNTY ROUTE (RE: BUNNELLS RUN ROAD.)
 7. THE ACCESS ROAD WILL BE SLOPED 2-3% TOWARDS THE OPEN DITCH.
 8. ALL OUTLETS OF DRAINAGE STRUCTURES AND DITCHES WILL BE IN A STABLE AREA.
 9. ALL CUTS WILL BE 2:1 SLOPE OR LESS.

11/24/2023

1) Date: March 25, 1985
2) Operator's Well No. Wilson #1
3) API Well No. 47 - 085 - 7366
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Charles Cameron Waller
Address Spring Run road
Pennsboro, WV 26415

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR None
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None
Address _____

Name None
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

DEPT. OF MINES
OIL & GAS DIVISION

MAR 27 1985

RECEIVED

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Lynn Gragg
this 25 day of March, 1985.
My commission expires 10-15, 1992.

Lynn Gragg
Notary Public, Ritchie County,
State of West Virginia

WELL OPERATOR French Creek Development

By Lynn Gragg
Its President
Address Rt. 2 Box 57D
Harrisville, WV 26362
Telephone (304) 643-2333

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
AO Wilson	West Virginia Gas Company		45	347
CA Wilson	F.E. Pritchard		75	105
CA Wilson	Southwestern Development		92	561
CA Wilson	Denzil Prather		119	441
Wilson	Samuel Gaston		173	177
Gaston	Mountain State Gathering		177	824

SURFACE OWNER'S COPY



1) Date: 3-25, 1985
 2) Operator's Well No. Wilson #1
 3) API Well No. 47 State 085 County _____ Permit _____

MAR 27 1985

**STATE OF WEST VIRGINIA
 OIL & GAS DIVISION DEPARTMENT OF MINES, OIL AND GAS DIVISION
 DEPT. OF MINES APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 1122' Watershed: Long Run & North Fork Hughes River
 District: Clay County: Ritchie Quadrangle: Pennsboro/West Union
- 6) WELL OPERATOR French Creek Development 7) DESIGNATED AGENT Lynn Gragg
 Address Rt. 2 Box 570 Address Rt. 2 Box 570
Harrisville, WV 26362 Harrisville, WV 26362
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Sam Hersman Name Haught Inc.
 Address Smithville, WV 26178 Address Smithville, WV 26178
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 12) Estimated depth of completed well, _____ feet
 13) Approximate true depths: Fresh, 80 feet; salt, 500 feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No
- 15) 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		Kinds	Sizes
Conductor										
Fresh water										
Coal										
Intermediate	<u>5/8</u>	<u>RL</u>		<input checked="" type="checkbox"/>		<u>1222</u>	<u>1222</u>	<u>To Surface</u>		<u>By Rule 1505</u>
Production	<u>4 1/2</u>	<u>RL</u>		<input checked="" type="checkbox"/>		<u>5700</u>	<u>5700</u>	<u>500 sacks</u>		<u>By Rule 1505</u>
Tubing										
Liners										

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plan on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.
 I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By [Signature] _____
 Its _____ Date _____

Charles C Walker Date: 3-25-85
 (Signature)
 _____ Date: _____
 (Signature)

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

OWNERSHIP

Surface

The surface of the subject property is owned as follows:

Randall P. Doll and
Kimberly J. Doll 17 Acres, 16 Poles

Mary Jane Wilson Approximately
(see Exhibit B) 10 Acres

Charles Cameron Waller Balance*
(see Exhibit B)

*3/27/05 Talked To Lynn Grebb
Charles Cameron Waller
owns all of Surface
where well located.*

Oil, Gas and Minerals

The oil, gas and minerals within and underlying the subject property is owned as follows:

Delvera K. Johnson 1/4*

Ruth M. Kerns 1/4

Mary Jane Wilson 3/10

A. E. Wilson 1/10*

David G. Hanlon 1/30*

Deane Pierce $\frac{1}{30}$

Donald Sandy $\frac{1}{30}$

* Subject to the inchoate right of dower therein of a respective spouse.

DAVID G. HANLON
ATTORNEY AT LAW
1 SOUTH COURT STREET
HARRISVILLE,
WEST VIRGINIA 26362

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Three Stages Nitrogen Frac April 13, 1985

1st stage	5000	4560	1,000,000
2nd stage	4550	3860	1,000,000
3rd stage	3860	2970	1,000.000

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
No record			0	1250	
Shale			1250	1276	
Sand			1276	1288	
Shale			1288	1376	
Salt Sand			1376	1400	Show Gas
Shale			1400	1490	
Sand			1490	1562	
Sand			1562	1636	
Shale			1636	1642	
Sand			1642	1742	
Shale			1742	1950	
Big Injun Sand			1950	2202	Gas
Shale			2202	2402	
Bera Sand			2402	2408	
Shale			2408	2450	
Gordon			2450	2500	
Shale			2500	2976	
4th Sand			2976	2990	
Shale			2990	3540	
1st Warren			3540	3600	
Shale			3600	4035	
2nd Warren			4035	4045	
Shale			4045	4640	
Speechly			4640	4860	
Benson			4860	4880	
Shale			4880	4994	
Fracture Shale			4994	5004	Show Gas
Shale			5004	5042	
Total Depth			5042		

1.57%

(Attach separate sheets as necessary)

Well Operator
 By: *Lynn Gagg*
 Date: *4-16-85* 11/24/2023

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

RECEIVED

APR 2 - 1985

INSPECTOR'S WELL REPORT
DEPT. OF MINES

Permit No. 85-7366

Oil or Gas Well _____
(KIND)

Company <u>French Creek Development</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Charles C. Walker</u>	16			
Well No. <u>Wilson #1</u>	13			
District <u>Clay</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Received phone call from land owner and question if possible damage to large farm pond where (State of W Va) had recently plugged well could occur.
Visited land owner and assured him that if drilling plans were followed no damage, or drainage of pond should occur.

3-27-85
DATE

Samuel N. Kersman
DISTRICT WELL INSPECTOR

11/24/2023

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

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APR 2 - 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 85-7366

Oil or Gas Well _____
(KIND)

Company <u>French Creek Development</u> Address _____ Farm <u>Charles C. Waller</u> Well No. <u>Wilson #1</u> District <u>Clay</u> County <u>Ritchie</u> Drilling commenced <u>3-29-85</u> 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			Size of _____
	10			Depth set _____
	8 1/4			
	6 5/8			Perf. top _____
	5 3/16			Perf. bottom _____
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used			Perf. top _____
				Perf. bottom _____

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 _____

Haught Inc. #19 Tool Pusher Alpha Anchor
Remarks: Visit - Rig moving on location - trees being cut into
Fire wood for land owner.

3-29-85
DATE

Samuel M. Ferguson
DISTRICT WELL INSPECTOR

11/24/2023

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

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SEP 24 1985

INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Permit No. 85-7366

Oil or Gas Well _____
(KIND)

Company <u>French Creek Dev.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Charles C. Waller</u>	16			
Well No. <u>Wilson #1</u>	13			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

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 _____

Remarks: *at operators request, visit and inspect site and access road
Found reclamation work O.K. on dirt work, mulch and reseeding on part of
access road. Location O.K.
Will check back at later date, because due to excessive dry conditions
grass is not growing and erosion problems may start before grass can
start up.*

9-18-85

DATE

Samuel N. Hershey 11/24/2023

DISTRICT WELL INSPECTOR

✓ IR-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

(3-27-85)

WELL TYPE _____
ELEVATION 1122
DISTRICT CLAY
QUADRANGLE PENNSBORO 7.5
COUNTY RICHELIE

API# 47-085 - 7366
OPERATOR FRENCH CREEK DEV.
TELEPHONE _____
FARM CHARLES C. WALLER
WELL # WILSON #1

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION 3-28-85 NOTIFIED 3-27-85 DRILLING COMMENCED 3-29-85

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING

Ran unknown feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD _____ feet on _____

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

PLUGGING

APR 15 1986

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 4-9-86

Samuel N. Hersman 11/24/2023
Inspector's signature

API# 47 085 - 7366

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	3-27-85		visit - talk with land owner about reclamation	
2	3-29-85		Visit - Rig moving on site (Dirt + brush work ok)	
3	9-18-85		Visit at request of operator and check reclamation work	
4	4-9-86		Final inspection	
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

RECEIVED
APR 29 1985

1.0 API well number: (If not assigned, leave blank. 14 digits.) 47 - 085 - 7366

2.0 Type of determination being sought (Use the codes found on the front of this form.) 107
Section of NGPA Category

3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above) 5044 feet

4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)
 Name: French Creek Development
 Rt. 2 Box 57D
 Street: Harrisville, W. Va. 26362
 City: _____ State: _____ Zip Code: _____

5.0 Location of this well (Complete (a) or (b))
 (a) For onshore wells (25 letters maximum for field name)
 Field Name: Clay
Ritchie W. Va.
 County: _____ State: _____
 (b) For OCS wells
 Area Name: _____ Block Number: _____
 Date of Lease: _____
 Mo. Day Yr. OCS Lease Number: _____

6.0 (a) Name and identification number of this well (35 letters and digits maximum)
Wilson No. 1
 (b) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum)

7.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available, leave blank.)
Equitable Gas Company
 Name: _____
 (b) Date of the contract
 Mo. Day Yr.

8.0 Estimated total annual production from the well _____ Million Cubic Feet

	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-)]	(d) Total of (a), (b) and (c)
9.0 Contract price (As of filing date. Complete to 3 decimal places.)	S/MMBTU <u>5.956</u>	_____	_____	<u>5.956</u>
10.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	S/MMBTU <u>5.956</u>	_____	_____	<u>5.956</u>

11.0 Person responsible for this application:
 Name: Lynn Gragg Agent
 Signature: Lynn Gragg
 Date Application is Completed: April 15, 1985
 Phone Number: 304-643-2333

Agency Use Only
 Date Received by Juris. Agency
 Date Received by FEIC

REG-121 (8-82)

11/24/2023

MAY 16 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: April 15, 19 85

AGENCY USE ONLY *New*

Applicant's Name: French Creek Development

WELL DETERMINATION FILE NUMBER

Address: Rt. 2 Box 57D

Harrisville, W. Va. 26362

850429 - 1073-085 - 7366

Gas Purchaser Contract No. _____

Use Above File Number on all
Communications Relating to This Well

Date of Contract _____

(Month, day and year)

First Purchaser: Equitable Gas Co.

Designated Agent: Lynn Gragg

Address: 420 Blvd of Allies

(Street or P.O. Box)

Address: Rt. 2, Box 57D

Pittsburg, Pa

Harrisville, W. Va. 26362

(City) (State) (Zip Code)

FERC Seller Code _____

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL
BE ADDRESSED:

Name: Lynn Gragg Agent

(Print)

Agent

Signature: _____

Lynn Gragg

(Title)

Address: _____

Rt. 2 Box 57D

(Street or P.O. Box)

Harrisville, W. Va. 26362

(City) (State) (Zip Code)

Telephone: _____

304-643-2333

(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

GPA SECTION/SUBSECTION

02 New Natural Gas

- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

108 Stripper Well Natural Gas

- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

03 New Onshore Production Well

- 103 New Onshore Production Well

07 High Cost Natural Gas

- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED 1/24/2023

RECEIVED
APR 29 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. One (1)

API Well No.

47 - 085 - 7366
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

DESIGNATED AGENT Lynn Gragg

ADDRESS Rt. 2 Box 57D
Harrisville, W. Va. 26362

LOCATION Elevation 1122
Watershed Long Run & North Fork Hughes

Dist. Clay County Ritchie Quad. Rennsboro 7.

Gas Purchase Contract No. _____

Meter Chart Code _____

Date of Contract _____

WELL OPERATOR French Creek Development

ADDRESS Rt. 2 Box 57D
Harrisville, W. Va. 26362

GAS PURCHASER Equitable Gas Co.

ADDRESS 420 Blvd of Allies
Pittsburg, Pa

* * * * *

Date surface drilling began: April 1, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated.

See Attach Sheet

AFFIDAVIT

I, Lynn Gragg, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(1) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Lynn Gragg

STATE OF WEST VIRGINIA

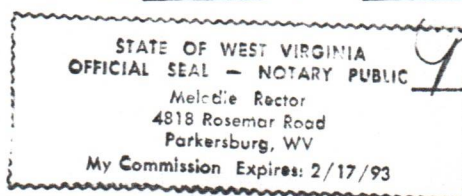
COUNTY OF Wood, TO-WIT:

I, Melodie Rector, a Notary Public in and for the state and county aforesaid, do certify that Lynn Gragg, whose name is signed to the writing above, bearing date the 15th day of April, 1985, has acknowledged the same before me, in my county aforesaid.

11/24/2023

Given under my hand and official seal this 15th day of April, 1985.
My term of office expires on the 17th day of February, 1993.

(NOTARIAL SEAL)



Melodie Rector
Notary Public

Wilson #1 47-085-7366

P 950

G .67

L 4900

T 568.69

$$P_1 + P_2 \left[\frac{e^{.07 \cdot 4900}}{53.34 \cdot T - 1} \right]$$

$$P_1 + P_2 \left[\frac{e^{.67 \cdot 4900}}{53.34 \cdot 568.69 - 1} \right]$$

$$950 + 950 \left[\frac{3283.00}{30333.9246 - 1} \right]$$

$$950 + 950 \left[\frac{.1082286596}{-1} \right]$$

$$950 + 950 (1.114302512 - 1)$$

$$950 + 950 (.114302512)$$

$$950 + 108.5873864$$

$$BHP = 1058.5873$$

11/24/2023

Operator: Oil Tex Inc. Agent: Lynn Gragg

Type Determination being sought - 107 (Devonian Shale)

API Well No.: 47-085-7366 Well Name: Wilson No. 1

West Virginia Office of Oil and Gas County: Ritchie
References: SJA File No.

Vol. Page Line

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

- 1. GR Value at Base Line = 150 * API Units
- 2. Remarks: .

B.

- 1. GR Value = 150 * API Units
- 2. Calculation: $\frac{0.7 \text{ (GR Value at Base Line)}}{0.7 \text{ (150*)}} = \underline{105}$ API Units

III. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval	Feet of less than* 0.7 (Shale Base Line)
From**	To***	Feet	Feet
2612	5042	2430	43

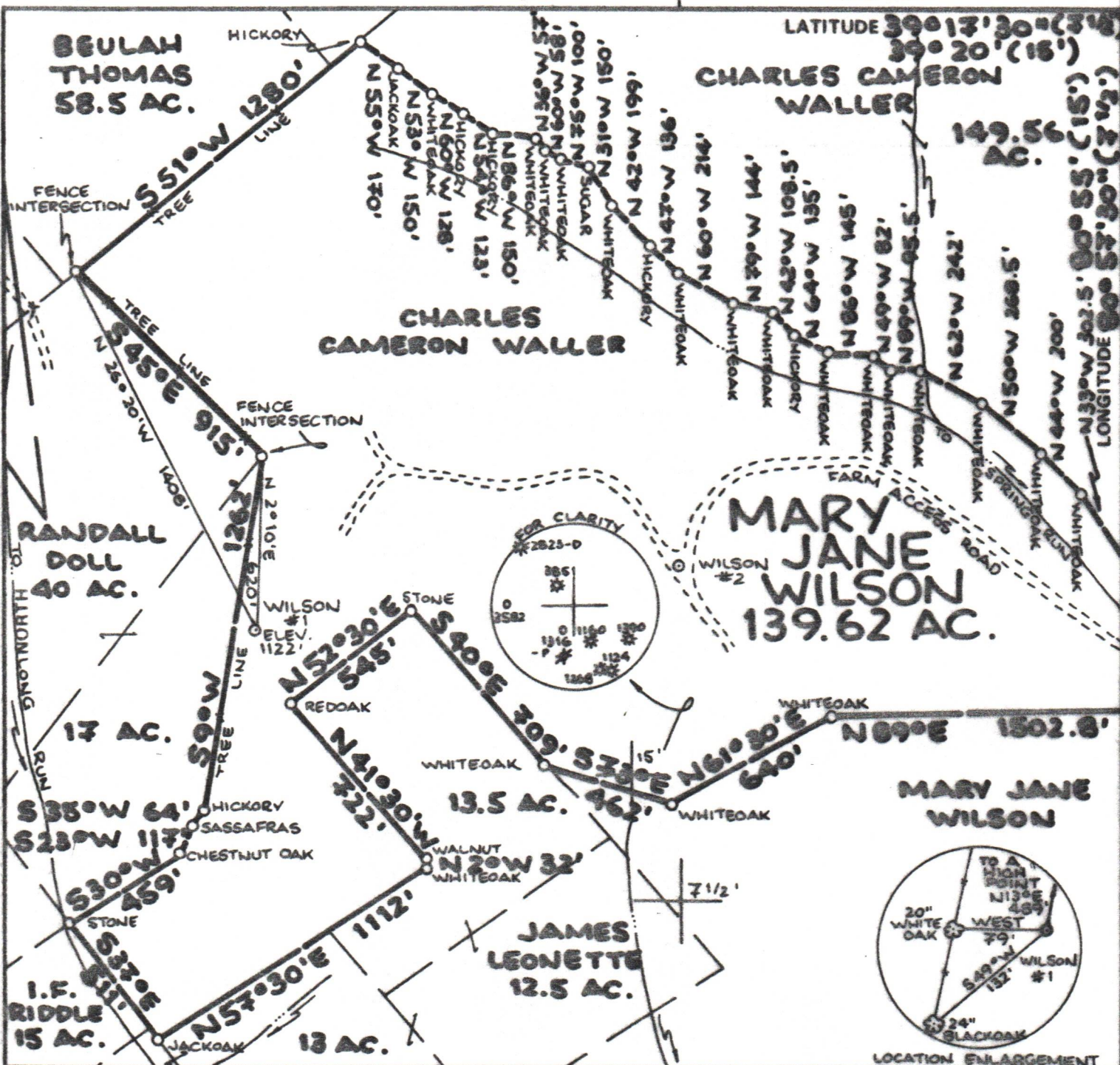
Total Devonian Interval 2430

Total Less Than 0.7 (Shale Base) 43

% Less Than 0.7 (Shale Base Line) = $\frac{43}{2430} \times 100 = \underline{1.77\%}$

*Marked on log included with analysis.
 **Top of Devonian Section Recorded on First Interval in this Column.
 ***Lesser of TD or Bottom of Devonian Section Recorded as last interval in this Column.

11/24/2023



FILE NO. _____
 DRAWING NO. _____
 SCALE **1" = 500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **HIGH POINT ELEV. 1137'**

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) *William R. Moser*
 R.P.E. _____ L.L.S. **551**



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



DATE **12 MARCH**, 19 **85**
 OPERATOR'S WELL NO. **WILSON #1**
 API WELL NO. **47 - 085 - 7366**
 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 **1122'** WATER SHED **LONG RUN AND NORTH FORK HUGHES RIVER**
 DISTRICT **CLAY** COUNTY **RITCHIE**
 QUADRANGLE **PENNSBORO 7 1/2' QUAD. / WEST UNION 15' QUAD.**
 SURFACE OWNER **CHARLES CAMERON WALLER** ACREAGE **139.62**
 OIL & GAS ROYALTY OWNER **MARY JANE WILSON, ET AL.** LEASE ACREAGE **139.62**
 LEASE NO. _____
 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 **ALEXANDER** ESTIMATED DEPTH **5700'**
 WELL OPERATOR **FRENCH CREEK DEVELOPMENT** REPRESENTATIVE AGENT **LYNN GREGG**
 ADDRESS **ROUTE 2, BOX 57 D** ADDRESS **ROUTE 2, BOX 57 D**
HARRISVILLE, W.VA. 26362 **HARRISVILLE, W.VA. 26362**

11/24/2023