



WELL RECORD, FORM OG-10, MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

OWNER OF MINERAL RIGHTS

ADDRESS

Shield Petroleum Corporation

NAME OF WELL OPERATOR

3249 E. Sharon Road, Cincinnati, O. (45241)

COMPLETE ADDRESS

July 18, 19 68

PROPOSED LOCATION

Burning Springs _____ District
Wirt _____ County

Well No. 10

M. Richter _____ Farm
Elevation 1046.2 Acres 206.88

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated July 15, 1902, made by Morris Richter, to Penova Interests, and recorded on the 30th day of July 1902, in the office of the County Clerk for said County in Book 44, page 81c.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.



Very truly yours,

(Sign Name)

James C. Eigel
WELL OPERATOR JAMES C. EIGEL, PRES.
Shield Petroleum Corporation

Address of Well Operator }

3249 E. Sharon Rd.
Cincinnati, Ohio (45241)

01/12/2024

STATE

*Section 3 If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

BOND DRILL

WIR-557-DD PERMIT NUMBER

557-DD

A-8

SHIELD PETROLEUM CORPORATION

<u>LEASE</u>	<u>COUNTY</u>	<u>PERMIT NUMBER</u>
Richter - 1	West	WIR- 547
Richter - 2	West	WIR- 196DD
Richter - 3	West	WIR- 557DD
Richter - 4	West	WIR- 571
Knicht - 1	Calhoun	CAL-2458DD
Knicht - 2	Calhoun	CAL-2459DD
Elliott - 1	Calhoun	CAL-2390
Elliott - 2	Calhoun	CAL-2402
Elliott - 3	Calhoun	CAL-2411
UNB - 1	Gilmer	Gil-2095
UNB - 2	Gilmer	Gil-2099
UNB - 3	Gilmer	Gil-2118
Kidd - 1	Gilmer	Gil-2013
Kidd - 2	Gilmer	Gil-2027

} Wirt

Assignment dated 6-10-74

TO: THE POLUMBUS CORPORATION
3 Park Central - Suite 200
1515 Arapahoe Street
Denver, Colorado 80202

FROM: James C. Eigel, President

dvm
8-28-74

RECEIVED
SEP 3 1974
OIL & GAS DIVISION
DEPT. OF MINES

A-9

Shield Petroleum Corporation

Oil and Gas Producers

July 19, 1968

Mr. Robert Dodd
Department of Mines
Charleston, West Virginia

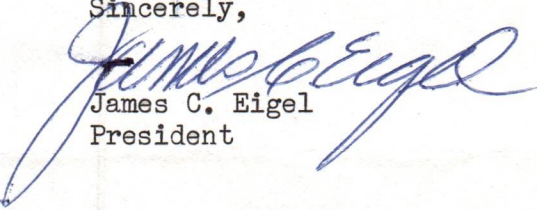
Richter # 10
Wirt County, West Virginia

Dear Mr. Dodd:

Per your request dated July 24th, please find attached old well record for the #10 Richter well located in Wirt County, West Virginia. This is the only well record available as far as I know.

JCE/hc

Sincerely,


James C. Eigel
President



A-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

July 24, 1968

C
O
P
Y

Shield Petroleum Company
3249 E. Sharon Road
Cincinnati, Ohio 45241

ATT: Mr. James C. Eigel

Dear Mr. Eigel:

We received your application to deepen Well No. 10 on the M. Richter Farm, Burning Springs District, Wirt County, West Virginia.

We must have the well record (log) of the well before we can issue a deepening permit. As soon as we receive this record, we will proceed your application.

Yours very truly,

Deputy Director
OIL AND GAS WELLS DIVISION

RLD/aa

01/12/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

July 24, 1968

Shield Petroleum Company
3249 E. Sharon Road
Cincinnati, Ohio 45241

ATT: Mr. James C. Eigel

Dear Mr. Eigel:

We received your application to deepen Well No. 10 on the M. Richter Farm, Burning Springs District, Wirt County, West Virginia.

We must have the well record (log) of the well before we can issue a deepening permit. As soon as we receive this record, we will process your application.

Yours very truly,

Deputy Director
OIL AND GAS WELLS DIVISION

RJD/sa

COPY



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

Elmer C. Workman
Director

Robert L. Dodd
Deputy Director

July 29, 1968

Shield Petroleum Corp.
3249 E. Sharon Road
Cincinnati, Ohio

IN RE: PERMIT NO. WIR-557-DD.
FARM M. RICHTER
WELL NO. 10
DISTRICT BURNING SPRINGS
COUNTY WIRT

Gentlemen:

Enclosed is permit for ~~fracturing~~ ^{drilling} the above described well.

Please post one copy of permit at the well site and send two copies of the well record to this office, within 90 days, when ~~fracturing~~ ^{drilling} has been completed.

Very truly yours,

Deputy Director
Oil and Gas Wells Division

RLD/ls

Enclosures:

cc- West Virginia Geological & Economic Survey

Harry Holliday, Inspector, Box 221, Grantsville, W. Va. PH:354-6145

bc: **Mr. C. A. Washburn, Deputy Securities Commissioner**

01/12/2024

A-12

Shield Petroleum Corporation

Oil and Gas Producers

August 12, 1968

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston, West Va.

RE: #3-Richter Well Record

Dear Sirs:

Enclosed please find Well Record for our #3-Richter Well in Wirt County, West Virginia.

Please send the cancelled bond to our office here in Cincinnati, Ohio.

Thank you.

Sincerely,

James C. Eigel
JAMES C. EIGEL
PRESIDENT

JCE:hc:encl





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Harrisville
Permit No. WIR 557-DD

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Shield Petroleum Corporation
Address 3249 E. Sharon Rd., Cinti. O. (45241)
Farm M. Richter Acres 206.88
Location (waters) Bell run
Well No. 10 Elev. 1046.2'
District Burning Springs County Wirt
The surface of tract is owned in fee by W. Va. Pulp & Paper
Address Parkersburg, W. Va.
Mineral rights are owned by M. Richter
Address Brohard

Drilling commenced 7/16/68
Drilling completed 7/22/68
Date Shot From To
With

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil Show bbls., 1st 24 hrs.

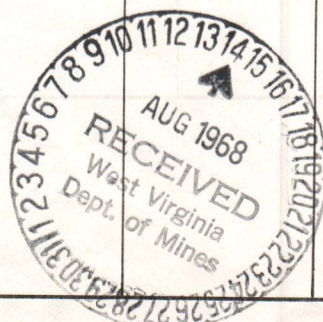
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 8/13/68 780 bbs. fresh water

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 650 mcf/d 650,000
ROCK PRESSURE AFTER TREATMENT 390 lbs. HOURS 12 hrs.
Fresh Water Feet Salt Water Feet
Producing Sand Injun Depth 1884 - 2018

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 3/4			
5 3/16			Perf. top <u>2004</u>
4 1/2		<u>2092</u>	Perf. bottom <u>2016</u>
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 2092 No. Ft. 8/5/68 Date
Amount of cement used (bags) 75 bags regular bulk
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES
50,000 lbs. 20/40 sand

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			1842	1842 start drilling			
Shale			1885	1885			
Limestone			1895	1895			
Shale			1895	1983			
Sandy lime			1983	1986			
Sandstone			1986	1999			
Shale			1999	2017	show oil	2004-2017	
Sandstone			2017	2020			
Shale			2020	2025	show oil	2020-2025	
Sandstone			2025	2029			
Shale			2029	2048	show gas	2033-2043	
Sandstone			2048	2092			
Shale				T.D. 2092			



01/12/2024

B-2

B

WELL RECORD

Southern OIL COMPANY Southern DIVISION

Record of well drilled on the M. Richter Farm of 200 Acres. Lease No. _____
 Situated in Burning Springs Township Wirt County, State of W. Va.
RIG WELL # 10
 Commenced building 19 Commenced drilling 7/18/13
 Finished building 19 Finished drilling 8/25/13
 Contractor Hendershot & McGinnis Contractor Stafford & Rowan
 Price Price per foot
 Connected to tank Drillers
 Tool Dressers

RECORDS

ROCK AND SAND FORMATION

SHOT RECORD

Sand	Top	Bottom	Remarks	Date of Shot			Size	Length of Shell	T 1st S
				Month	Day	Year			
Salt	1755			8	30	1913	90qts.		
Pay	1815								
Bot. Pay		1838 $\frac{1}{2}$							

ABANDONMENT REPORT (Abandoned).....

Plugs	Depth	Filling	Rem
1st			
2nd			
3rd			
Ball			

MATERIAL RECORD

Item	Make	Size	Cond	S
Rig				
Engine				
Boiler				
Tank				
Size Pipe Cas.	Pulled	Left in	Co	



Total depth 1838 $\frac{1}{2}$

PIPE, CASING, (Tubing and Rod Record)

Size	Chgd. to Well	Put in	Left at Well	Transferred from or to	Make	Size
10"	387	300				x
8 $\frac{1}{4}$ "	1266	1060				x
6 5/8"	1565	1475				x

01/12/2024

Estimated production first 24 hours..... Bbls. Oil
..... M. Cu. Ft. Gas

APPROVED.....

B-3

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

INSPECTOR'S WELL REPORT

Permit No. WIA-557-D.D.

Oil or Gas Well GAS
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company <u>SHIELD PETROLEUM CORP.</u> <u>3749 EAST SIMMON ROAD</u>					
Address <u>CINCINNATI, OHIO</u>		Size			
Farm <u>M. RICHTER (706.88 A.)</u>		16			Kind of Packer
Well No. <u>10</u>		13			
District <u>PLANTING SPRINGS</u> County <u>WIRT</u>		10			Size of
Drilling commenced		8 1/4			
Drilling completed <u>7-19-68</u> Total depth <u>2100</u>	<u>OLD T.D. - 1873</u>	6 5/8	<u>1480?</u>	<u>1480?</u>	Depth set
Date shot <u>7-15-68</u> Depth of shot <u>2004-2016</u>	<u>PERF. DOWELL</u>	5 3/16			
Initial open flow <u>100</u> /10ths Water in <u>2"</u> Inch	<u>PERF. 2004-2016</u>	3 <u>4 1/2</u>	<u>2074</u>	<u>2074</u>	Perf. top
Open flow after tubing /10ths Merc. in Inch		2			Perf. bottom
Volume <u>421 M.</u> Cu. Ft.		Liners Used			Perf. top
Rock pressure <u>262</u> lbs. <u>24</u> hrs.					Perf. bottom
Oil bbls., 1st 24 hrs.		CASING CEMENTED <u>4 1/2</u> SIZE <u>2074</u> No. FT. <u>700</u> Date			
Fresh water feet feet		NAME OF SERVICE COMPANY <u>DOWELL</u>			
Salt water <u>SHALLOW - SALT SANDS</u> feet feet		COAL WAS ENCOUNTERED AT <u>NONE</u> FEET INCHES			
		FEET INCHES FEET INCHES			
		FEET INCHES FEET INCHES			

Drillers' Names BEN BARBER

Remarks:

C.H.G. CO. - SPUDDER



8-1-68
DATE

H. A. Holliday
DISTRICT WELL INSPECTOR

01/12/2024



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 5

August 14, 1968

Harry Holliday

Grantsville, W. Va.

IN RE: PERMIT WTR-557-DD
COMPANY Shield Petroleum Corp.
FARM M. Righter
WELL NO. 10
DISTRICT Burning Springs
COUNTY Wirt

Dear Sir:

Please make a final inspection of the Well described
above.

Very truly yours,

Deputy Director
Oil and Gas Wells Division

b

01/12/2024

B-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. W. ITA-557-D.D.

Oil or Gas Well GAS
(KIND)

Company <u>SHIELD PETROLEUM CORP.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>CINCINNATI, OHIO</u>	Size		
Farm <u>M. RICHTER (206.88A)</u>	16			
Well No. <u>10</u>	13			
District <u>BURNING SPRINGS</u> County <u>WVIT</u>	10			Size of
Drilling commenced	8 1/4			Depth set
Drilling completed	6 5/8			
Total depth	5 3/16			

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ In _____

Open flow after tubing _____ /10ths Merc. in _____ In _____

Volume _____ Cu.

Rock pressure _____ lbs.

Oil _____ bbls., 1st 24 h

Fresh water _____ feet

Salt water _____ feet

INSTRUCTIONS TO DELIVERING EMPLOYEE

Show to whom, date, and address where delivered Deliver ONLY to addressee
(Additional charges required for these services)

RECEIPT

Received the numbered article described below.

REGISTERED NO. _____ SIGNATURE OR NAME OF ADDRESSEE (Must always be filled in) Shield Petroleum Corp

CERTIFIED NO. 1

INSURED NO. 2 SIGNATURE OF ADDRESSEE'S AGENT, IF ANY C.H. Egelf

DATE DELIVERED _____ SHOW WHERE DELIVERED (only if requested) 3

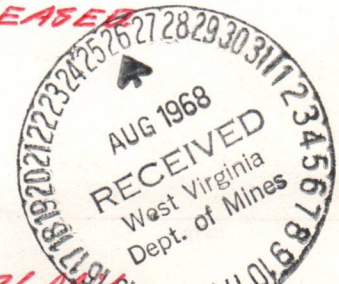
c55-10-71548-10 GPO

Drillers' Names _____

Remarks: ON FINAL INSPECTION THIS WELL MAY BE RELEASED

BOND CANCELLED
RETURNED TO WELL OPERATOR AND/OR PRINCIPAL

8/26/1968



8-21-68
DATE

H. A. Holloman
DISTRICT WELL INSPECTOR

01/12/2024

B-12



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 5

August 26, 1968

Shield Petroleum Corporation
3249 E. Sharon Rd
Cincinnati, Ohio 45241

IN RE: Permit WIR-557-DD
Farm M. Richter
Well No. 10
District _____
County Wirt

Gentlemen:

The final inspection report for the Well which is described above has been received in this office.

Please be advised that the Bond which is covered by the above permit number has been released.

Kindly return the enclosed cancelled Bond to the Surety Company that executed said bond in your behalf, in order that they may give you credit on their records.

Very truly yours,

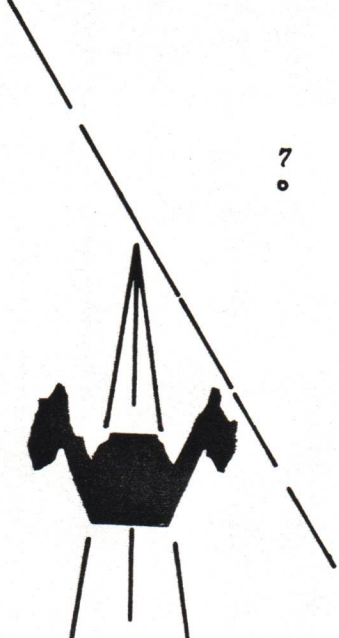
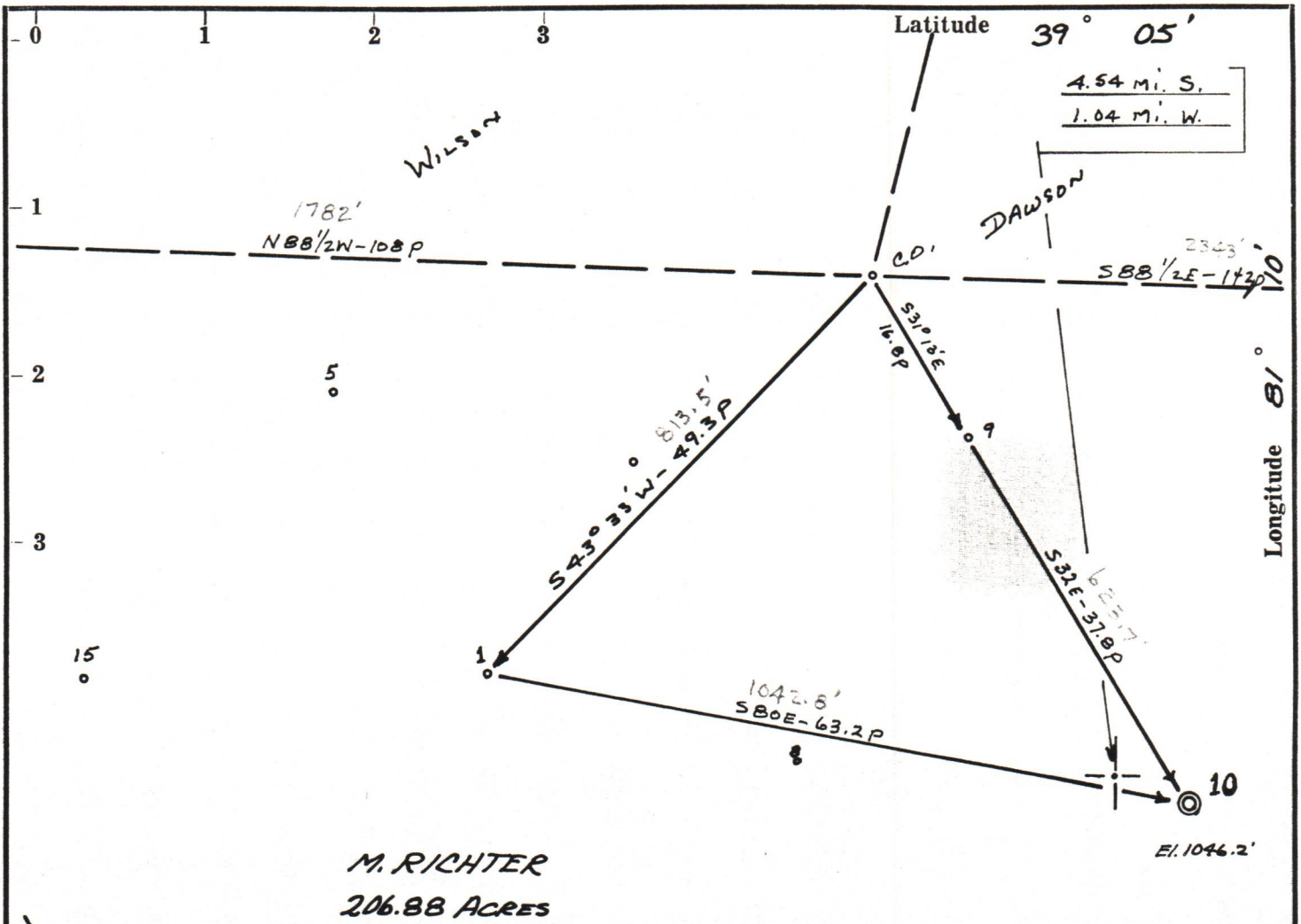
Deputy Director
Oil and Gas Wells Division

Enclosure: 1 Bond

b

01/12/2024

7/22/68 CEN



ACCURACY: 1p / 200p

Source of Elevation WELL #1 (1055.1')

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Chet Waterman

Company SHIELD PETROLEUM

Address CINCINNATI, OHIO

Farm M. RICHTER

Tract _____ Acres 206.88 Lease No. _____

Well (Farm) No. 10 Serial No. _____

Elevation (Spirit Level) 1046.2'

Quadrangle HARRISVILLE

County WIRT District BURNING SPRINGS

Engineer CHET WATERMAN

Engineer's Registration No. 3788

File No. 60003-114 Drawing No. _____

Date 7/13/68 Scale 1" = 15p

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

WELL LOCATION MAP
FILE NO. WIR-557-AD

01/12/2024

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.