

1/28/68 CEN



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.

_____	Shield Petroleum Corporation
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
_____	3249 East Sharon Rd. Cinti., Ohio 45241
ADDRESS	COMPLETE ADDRESS
_____	_____, 19____
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATION
_____	Burning Springs District
ADDRESS	_____
_____	Wirt County
OWNER OF MINERAL RIGHTS	Well No. Shield #1 Richter
_____	_____
ADDRESS	Morris Richter Farm

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 By agreement dated January 2, 1968, made by Penova Interests, to Shield Petroleum Corporation, and recorded on the 17th day of January, 1968, in the office of the County Clerk for said County in Book 60, page 8.

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 E. Eigel* President

WELL OPERATOR

3249 East Sharon Road

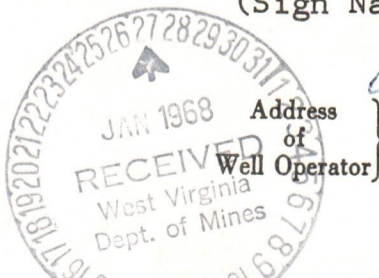
STREET

Cincinnati, Ohio 45241

CITY OR TOWN

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-547 PERMIT NUMBER

547

A-11

SHIELD PETROLEUM CORPORATION

<u>LEASE</u>	<u>COUNTY</u>	<u>PERMIT NUMBER</u>
Richter - 1	West } <i>Wirt</i>	WIR- 547
Richter - 2		WIR- 196DD
Richter - 3		WIR- 557DD
Richter - 4		WIR- 571
Knight - 1	Calhoun	CAL-2458DD
Knight - 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

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

01/12/2024



A-12

INSTRUCTIONS TO DELIVERING EMPLOYEE	
<input type="checkbox"/> Show to whom, date, and address where delivered	<input type="checkbox"/> Deliver ONLY to addressee
<i>(Additional charges required for these services)</i>	
RECEIPT	
<i>Received the numbered article described below.</i>	
REGISTERED NO.	SIGNATURE OR NAME OF ADDRESSEE <i>(Must always be filled in)</i>
CERTIFIED NO. 39984	1 <i>Shield Pet Care</i>
INSURED NO.	2 SIGNATURE OF ADDRESSEE'S AGENT, IF ANY <i>3249 E Sharon</i>
DATE DELIVERED 6-17-68	3 SHOW WHERE DELIVERED <i>(only if requested)</i> <i>2/ day</i>

65-10-71548-10 GPO

Quadrangle **HARRISVILLE**

Permit No. **WTR-247** **2024/11/10**

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

**WELL RECORD**

- Rotary
- Spudder
- Cable Tools
- Storage

Oil or Gas Well



Company **Shield Petroleum Company**

Address **Cincinnati, Ohio**

Farm **M. Richter**

Location (waters) **Bell Run**

Well No. **1**

Elev. **1055.1'**

District **Burning Springs**

County **Wirt**

The surface of tract is owned in fee by **W. Va. Pulp & Paper**

Company **Parkersburg, W. Va.**

Address **M. Richter**

Mineral rights are owned by **M. Richter**

Address **Brohard**

Drilling commenced **4/13/68**

Drilling completed **5/10/68**

Date Shot **From To**

With **Show**

Open Flow **/10ths Water in Inch**

Volume **Inch**

Rock Pressure **lbs.**

Oil **Show**

WELL ACIDIZED **hrs.**

WELL FRACTURED **5/21/68**

**932 bbls. & 50,000 lbs. sand**

RESULT AFTER TREATMENT **600 MCF/D**

ROCK PRESSURE AFTER TREATMENT **310# - 12 hrs.**

Fresh Water **115' - 122'**

Salt Water **Feet**

Feet



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mud		0'	16'	16'			
Sand		16	22	22			
Shale		22	115	115			
Sand		115	122	122	Water		
Shale		122	160	160			
Sand		160	220	220			
Shale		220	710	710			
Sand		710	733	733			
Shale		733	880	880			
Sand		880	890	890			
Shale		890	1180	1180			
Sand		1180	1236	1236			
Shale		1236	1300	1300			
Sand		1300	1310	1310			
Shale		1310	1340	1340			
Sand		1340	1425	1425	Gas	1342' - 48'	
Shale		1425	1439	1439			
Sand		1439	1450	1450			
Shale		1450	1500	1500			
Sand		1500	1510	1510			
Shale		1510	1600	1600			
Sand		1600	1650	1650			
Shale		1650	1682	1682			
Sand		1682	1896	1896			
Shale		1896	1911	1911			
Sandy Lime		1911	1981	1981	Gas	1956' - 63'	
Shale		1981	1989	1989			
Sandy Lime		1989	1991	1991			
Shale		1991	2012	2012			
Sandy Lime		2012			Oil & Gas	2014' - 25'	

(over)



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Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			2027'	2030'			
Sandstone			2030	2035	Oil		
Shale			2035	2040			
Sandstone			2040	2057	Gas	2041' -52'	
Shale			2057	2073			
Siltstone			2073	2082			
Shale			2082	2109			
T. D.				2109'			

01/12/2024

Date....., 19.....

APPROVED....., Owner

By.....  
(Title)

B-3

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WIA-547

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>SHIELD PETROLEUM CORP.</u> <u>3247 EAST SHARON ROAD</u> Address <u>CINCINNATI, OHIO</u> Farm <u>MORRIS RICHTER (R6689A)</u> Well No. <u>I</u> District <u>BURNING SPRINGS</u> County <u>WTRT</u> Drilling commenced <u>4-13-68</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 <u>115-122 H.FULL</u> feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
	16 <u>COMP.</u>	<u>16'</u>		
	13			
	10			Size of _____
	8 1/4			
	6 5/8			Depth set _____
	5 3/16			
	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 NONE FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names BEN BARBER - EUGENE SHEETS

Remarks: \_\_\_\_\_  
C.H.T.C. DRILLING CO. CONTR

FISHING AT 260' FOR TOOLS - GOT OK.  
SHUT DOWN FOR STEEL.



4-17-68  
DATE

04/12/2024





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

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INSPECTOR'S WELL REPORT

Permit No. WIR-547

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>SHIELD PETROLEUM CORP.</u> <u>3249 EAST SHARON ROAD</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CINCINNATI, OHIO</u>	Size			
Farm <u>MORRIS RICHTER (206.88A)</u>	16 <u>COND.</u>	<u>16'</u>		Kind of Packer _____
Well No. <u>I</u>	13			
District <u>BURNING SPRINGS</u> County <u>W. VA.</u>	10	<u>300'</u>		Size of _____
Drilling commenced <u>4-13-68</u>	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 <u>115</u> feet <u>122 H-FULL</u> feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names BEN BARNER - EUGENE SHEETS

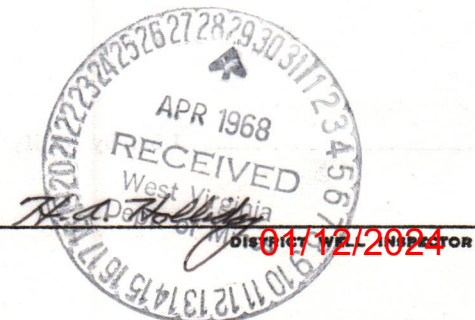
C.H.C. DRILLING CO. - CONTR.

Remarks:

DRILLING AT 1006'

4-25-68

DATE







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

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INSPECTOR'S WELL REPORT

Permit No. WIR-547

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>SHIELD PETROLEUM CORP.</u> <u>3249 EAST SHARON ROAD</u> Address <u>CINCINNATI, OHIO</u> Farm <u>MURRIS RICHTER (206.88A)</u> Well No. <u>I</u> District <u>BURNING SPRINGS</u> County <u>WIRT</u> <u>4-13-68 8 P.M.</u> Drilling commenced <u>4-15-68 TOWER</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 <u>115</u> <sup>70</sup> feet <u>195' H-FULL</u> feet Salt water _____ feet _____ feet <th>CASING AND TUBING</th> <th>USED IN DRILLING</th> <th>LEFT IN WELL</th> <th>PACKERS</th>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
16		<u>16'</u>		
13				
10		<u>316-9</u>		Size of _____
8 1/4		<u>1160</u>		
6 5/8				Depth set _____
5 3/16				
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 <u>NONE</u> FEET _____ INCHES _____				
_____ FEET _____ INCHES _____ FEET _____ INCHES				
_____ FEET _____ INCHES _____ FEET _____ INCHES				

Drillers' Names HUBERT RICHARDS - EUGENE RICHARDS

Remarks: \_\_\_\_\_ C.H.C. DRILLING CO

DRILLING AT - 1176'

4-29-68  
DATE









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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WLR-547

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company SHIELD PETROLEUM CORP.  
3249 EAST SHARON ROAD  
 Address CINCINNATI, OHIO  
 Farm MORRIS RICHTER (20688A)  
 Well No. I  
 District BURNING SPRINGS County WENT  
 Drilling commenced 4-13-68  
 Drilling completed 5-13-68 Total depth 2109  
 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 115-122 H. Full feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16	16'		
13			
10	3 1/2" 9'		Size of
8 1/4	1180		
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2 SIZE 2109 No. FT. 5468 Date 5-14-68  
 NAME OF SERVICE COMPANY LANE & CO.  
 COAL WAS ENCOUNTERED AT NONE FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names HUBERT RICHARDS - EUGENE RICHARDS

Remarks:

CHAC DRUG CO.  
 GAS SHOW 1342-1348 - 1575 FT  
 OIL SHOW 1795-1805 - MAXON  
 GAS SHOW 2014-2020 - INJUN  
 SHOW 2020  
 GAS 2025-2035 - SQUAW  
 2038-2050 - "



5-16-68

DATE

H. A. Hall

DISTRICT WELL INSPECTOR

01/12/2024







B-11

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WJR-547

Oil or Gas Well GAS  
(KIND)

Company <u>SHIELD PETROLEUM CO.</u> <u>3249 EAST SHARON ROAD</u> Address <u>CINCINNATI, OHIO</u> Farm <u>MORRIS RICHTER (206.88A)</u> Well No. <u>F</u> District <u>BURNING SPRINGS</u> County <u>WEAT</u> Drilling commenced _____ 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			
	10			Size of
	8 1/4			
	6 5/8			Depth set
	5 3/16			
	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 \_\_\_\_\_

Remarks: ON FINAL INSPECTION, THIS WELL MAY BE RELEASED.



6-5-68  
DATE

H. A. Holliday  
DISTRICT WELL INSPECTOR







B-12

State of West Virginia

Department of Mines  
Oil and Gas Division  
Charleston 5

June 14, 1968

R. L. Dodd  
~~GURNER WENOCK~~  
DEPUTY DIRECTOR

Shield Petroleum Co.  
3249 East Sharon Rd  
Cincinnati, Ohio

In Re:

Permit WIR-547  
Farm Morris Richter  
Well No. 1  
District Burning Springs  
County Wirt

Gentlemen:

The final inspection report for your well which is described above has been received in our office.

Please be advised that the well, which is covered by the above permit number, has been released under your Bond, posted to cover same.

Please return the enclosed, cancelled Bond to the Surety and/or Bonding Company that executed said Bond in your behalf in order that they may give you credit on their records.

Yours very truly,

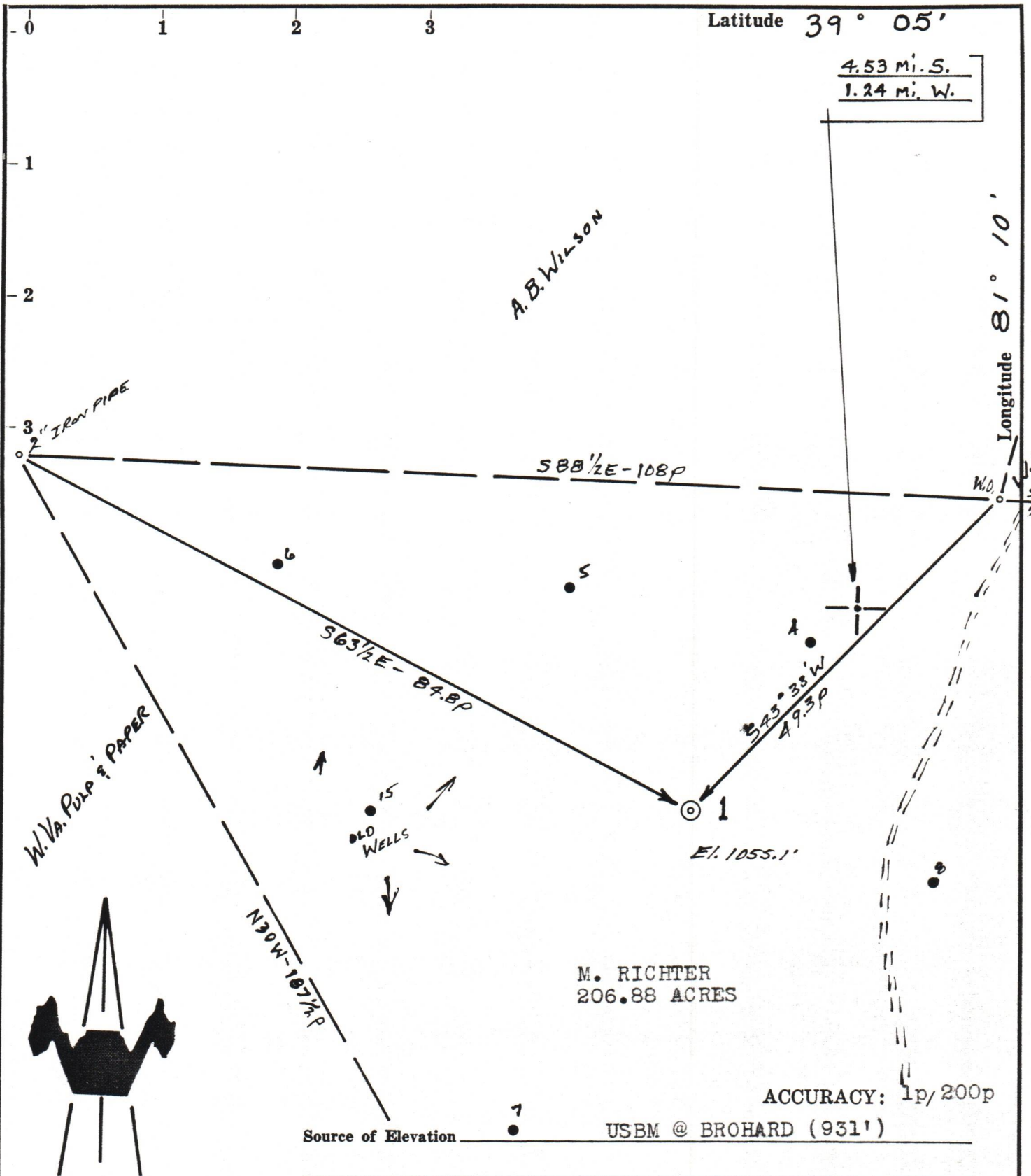
~~Gurmer Wenock~~  
Deputy Director  
OIL AND GAS DIVISION

oaa  
Enclosure

01/12/2024



1/28/68 CEN



M. RICHTER  
206.88 ACRES

ACCURACY: 1p/200p

Source of Elevation

USBM @ BROHARD (931')

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.	1	Serial No.	
Elevation (Spirit Level)	1055.1'		
Quadrangle	HARRISVILLE		
County	WIRT	District	BURNING SPRINGS
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	68003-6	Drawing No.	
Date	1/20/68	Scale	1"=15p

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

### WELL LOCATION MAP

FILE NO. WIR - 547  
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.