

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

(REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

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

None
COAL OPERATOR OR COAL OWNER

W. H. Bickel
NAME OF WELL OPERATOR

ADDRESS

R 4, Parkersburg, W. Va.
COMPLETE ADDRESS

Owner of mineral rights:
COAL OPERATOR OR COAL OWNER

October 8th., 1934
PROPOSED LOCATION

S. Hardman,
Smithville, W. Va.
ADDRESS

Murphy District

COAL OPERATOR OR COAL OWNER

Ritchie County

Well No. 1

ADDRESS

S. Hardman 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.....

November 10th., 1933, made by S. Hardman and wife, to

W. H. Bickel, and recorded on the 18th. day

of July, 1934, in the office of the County Clerk for said County in

Book 62, page 383.

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 Act, 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,

W. H. Bickel
WELL OPERATOR

Address of Well Operator }

Route 4, STREET

Parkersburg, CITY OR TOWN

West Virginia 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.

FORM D-1
NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL
(REQUIREMENTS SECTION 2, CHAPTER 88, ACT 1923)
WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS SECTION

To The Department of Mines
 Charleston, W. Va.

None
COAL OPERATOR OR COAL OWNER
 W. H. Hickey
NAME OF WELL OPERATOR

None
ADDRESS
 R. A. Parkersburg, W. Va.
COMPLETE ADDRESS

Owner of Mineral Rights:
COAL OPERATOR OR COAL OWNER
 S. Harbman
 Smithville, W. Va.
ADDRESS

Proposed Location
 October 8th, 1934
DATE

County Ritchie
COAL OPERATOR OR COAL OWNER

Well No. 1
 S. Harbman
ADDRESS

The undersigned well operator is entitled to drill upon the above named farm or tract of land for

oil and gas having the title thereto (or as the case may be) under grant or lease dated

November 10th, 1933 made by S. Harbman and wife

W. H. Hickey and recorded on the 18th day

of July, 1934 in the office of the County Clerk for said County in

Book 22 page 222
 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 Mineral 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 bounds of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operator 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 Act, 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 addresses on the day before or on the same day with the mailing of delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

[Signature]
WELL OPERATOR

Address of Well Operator

Street

Parkersburg

West Virginia

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 covering the thing of such plat, but no objections have been made by the coal operators to the location or found by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. RIT - 273

Oil or Gas Well Gas
(KIND)

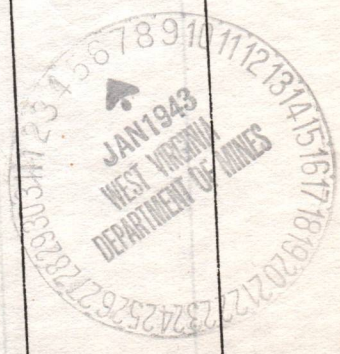
Company W. H. Bickel
Address R 4, Parkersburg, W. Va.
Farm S. Hardman Acres 52
Location (waters) South Fork of Hughes River
Well No. One Elev. 679
District Murphy County Ritchie
The surface of tract is owned in fee by S. Hardman
Address Smithville, W. Va.
Mineral rights are owned by S. Hardman
Address Smithville, W. Va.
Drilling commenced September 15, 1934
Drilling completed November 7th, 1934
Date Shot 11-7-34 From 1681 To 1734
With 50 quarts of nitro-glycerine
Open Flow 16/10ths Water in Two Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure 52.5 lbs 72 hrs.
Oil bbls., 1st 24 hrs.
Fresh water 665 feet feet
Salt water feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16 Wood	16	16	Kind of Packer
13			Anchor
10	42	42	Size of <u>6-5/8" X 1</u>
8 1/4	248		Depth set <u>1593</u>
6 1/2	841	841	
5 3/16			
3			Perf. top <u>1629</u>
2		1769	Perf. bottom <u>1650</u>
Liners Used			Perf. top <u> </u>
			Perf. bottom <u> </u>

CASING CEMENTED SIZE No. Ft. Da

COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface clay			0	16			
Quick sand			16	40			
Sand			40	80			
Slate			80	130			
Red rock			130	140			
White slate			140	150			
Sand			150	180			
Red rock			180	220			
Slate			220	260			
Sand			260	320			
Slate			320	380			
Sand			380	420			
Slate			420	450			
Sand			450	475			
Red rock			475	525			
Lime			525	570			
Red rock			570	590			
White slate			590	645			
Lime			645	678	Water	665	
Slate			678	762			
Gobel rock			762	774			
Slate			774	836			
BIG DUNKARD SAND			836	875			
Slate			875	943			
Lime			943	1000			
Slate			1000	1030			
Sand			1030	1083			
Slate			1083	1093			
Sand			1093	1144			
Slate			1144	1214			
Sand			1214	1275			
Slate			1275	1320			
Sand			1320	1363			
Slate			1363	1470			
THIRD SALT SAND			1470	1502			
Slate			1502	1521			
MAXON SAND			1521	1550			
LITTLE LIME			1550	1570			
Pencil Cave			1570	1576			
BIG LIME			1576	1655			
KEENER SAND			1655	1680			
BIG INJUN SAND			1680	1734	Gas	1683-1734	
Slate			1734	1769			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Reddish gray			0	10			
Yellow sand			10	20			
White sand			20	30			
Red rock			30	40			
White shale			40	50			
Red rock			50	60			
White shale			60	70			
Red rock			70	80			
White shale			80	90			
Red rock			90	100			
White shale			100	110			
Red rock			110	120			
White shale			120	130			
Red rock			130	140			
White shale			140	150			
Red rock			150	160			
White shale			160	170			
Red rock			170	180			
White shale			180	190			
Red rock			190	200			
White shale			200	210			
Red rock			210	220			
White shale			220	230			
Red rock			230	240			
White shale			240	250			
Red rock			250	260			
White shale			260	270			
Red rock			270	280			
White shale			280	290			
Red rock			290	300			
White shale			300	310			
Red rock			310	320			
White shale			320	330			
Red rock			330	340			
White shale			340	350			
Red rock			350	360			
White shale			360	370			
Red rock			370	380			
White shale			380	390			
Red rock			390	400			
White shale			400	410			
Red rock			410	420			
White shale			420	430			
Red rock			430	440			
White shale			440	450			
Red rock			450	460			
White shale			460	470			
Red rock			470	480			
White shale			480	490			
Red rock			490	500			
White shale			500	510			
Red rock			510	520			
White shale			520	530			
Red rock			530	540			
White shale			540	550			
Red rock			550	560			
White shale			560	570			
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Red rock			590	600			
White shale			600	610			
Red rock			610	620			
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Red rock			650	660			
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Red rock			670	680			
White shale			680	690			
Red rock			690	700			
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White shale			760	770			
Red rock			770	780			
White shale			780	790			
Red rock			790	800			
White shale			800	810			
Red rock			810	820			
White shale			820	830			
Red rock			830	840			
White shale			840	850			
Red rock			850	860			
White shale			860	870			
Red rock			870	880			
White shale			880	890			
Red rock			890	900			
White shale			900	910			
Red rock			910	920			
White shale			920	930			
Red rock			930	940			
White shale			940	950			
Red rock			950	960			
White shale			960	970			
Red rock			970	980			
White shale			980	990			
Red rock			990	1000			