



Lease No. 12
 Black Diamond Kanawha
 Splint Coal Company
 (Hancock)
 767 Ac.

S 1.78
 W 0.89

New Location
 Drill Deeper
 Abandonment

Company Owens, Libbey-Owens Gas Dept.
 Address Box 4158 Charleston 4 W. Va.
 Farm Black Diamond Kanawha Splint Coal Co.
 Tract _____ Acres 767 Lease No. 12
 Well (Farm) No. 4 Serial No. 69
 Elevation (Spirit Level) 777.4 Top 6" casing
 Quadrangle Peytona 1-51.78" W 0.87"
 County Kanawha District Cabin Creek
 Engineer T. S. Flournoy
 Engineer's Registration No. 269 **NE**
 File No. _____ Drawing No. _____
 Date Jan. 13, 1950 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-666-A

+ 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.

6-6-241

6667

Cabin Creek District, Kanawha County, W. Va.

By Owens, Libbey-Owens Gas Dept., Box 4158, Charleston, 4, W. Va.

Abandoned under permit Kan-.....-A?

On 767 acres.

Elevation, 777.4 ft.

Minerals owned by Black Diamond Kanawha Splint Coal Co., Kanawha Valley Bank, Charleston, W. Va.

Drilling commenced Sept. 10, 1924; completed Nov. 1, 1924.

Volume, 74,000 cu. ft.

Reck pressure, 300 lbs. in 24 hrs.

13" conductor, 16'; 8 1/2" casing, 405'; 6 5/8", 1413'; 2" tubing, 1859'; all left in.

Anchor packer, 6 5/8" x 2.

Gas well. Record to Dept. of Mines dated Jan. 13, 1950.

Record to RCT from Mrs. Griffith May 26, 1950. Old File No. 1438.

	Top.	Bottom.
Clay, yellow	0	15
Slate, black	15	50
Sand, white	50	75
Slate, white	75	100
Sand, gray (water, 110', 1 blr./hr.)	100	120
Slate, black (water, 130', 2 blrs./hr.)	120	140
Coal	140	143
Slate, white	143	160
Sand, white (HPW, 165')	160	195
Slate, black	195	230
Sand, white	230	310
Slate, black	310	340
Sand, white (small show oil, 355')	340	361
Coal, black	361	366
Slate, black	366	379
Sand, gray (small show oil, 410')	379	430
Slate, black	430	450
Sand, gray	450	650
Slate, black	650	675
Grampus Sand	675	733
Slate, black	733	748
Salt Sand (HPW, 950')	748	952
Slate and shells	952	1002
Sand, gray	1002	1030
Lime, black	1030	1082
Slate and shells	1082	1106
Maxton Sand	1106	1181
Red rock	1181	1196
Slate and shells	1196	1235
Red rock	1235	1250
Lime, black	1250	1276
Slate, black	1276	1283
Pencil, blue	1283	1308
Lime shells, gray	1308	1314
Little Lime	1314	1349
Slate and shells	1349	1380
Lime shells	1380	1389
Pencil Cave	1389	1394

(OVER)

	Top.	Bottom.
Big Lime, white (gas, 1500-1505')		
(gas, 1571-1575')	1394	1590
Big Injun Sand, red	1590	1625
Lime shells	1625	1635
Dark sand	1635	1645
Slate and shells	1645	1715
Weir Sand (gas, 1788-1793', 74 M.)	1715	1872
Slate and shells	1872	2025
Brown shale	2025	2036
Slate and shells	2036	2101
Total depth		2101½
Filled up to		1859

Depth	Description
0 - 10	Clay, yellow
10 - 20	Slate, black
20 - 25	Sand, white
25 - 30	Slate, white
30 - 35	Slate, grey (small new oil, 100')
35 - 40	Slate, black (water, 100', 2')
40 - 45	Coal, black
45 - 50	Coal, black
50 - 55	Slate, white
55 - 60	Sand, white (small new oil, 100')
60 - 65	Slate, black
65 - 70	Sand, white
70 - 75	Slate, black
75 - 80	Sand, white (small new oil, 100')
80 - 85	Coal, black
85 - 90	Slate, black
90 - 95	Sand, grey (small new oil, 100')
95 - 100	Slate, black
100 - 105	Sand, grey
105 - 110	Slate, black
110 - 115	Greenish sand
115 - 120	Slate, black
120 - 125	Sand, grey (small new oil, 100')
125 - 130	Slate, black
130 - 135	Slate and shells
135 - 140	Sand, grey
140 - 145	Slate, black
145 - 150	Slate and shells
150 - 155	Slate and shells
155 - 160	Sand, grey
160 - 165	Slate, black
165 - 170	Slate, black
170 - 175	Sand, grey
175 - 180	Slate, black
180 - 185	Sand, grey
185 - 190	Slate, black
190 - 195	Sand, grey
195 - 200	Slate, black
200 - 205	Sand, grey
205 - 210	Slate, black
210 - 215	Sand, grey
215 - 220	Slate, black
220 - 225	Sand, grey
225 - 230	Slate, black
230 - 235	Sand, grey
235 - 240	Slate, black
240 - 245	Sand, grey
245 - 250	Slate, black
250 - 255	Sand, grey
255 - 260	Slate, black
260 - 265	Sand, grey
265 - 270	Slate, black
270 - 275	Sand, grey
275 - 280	Slate, black
280 - 285	Sand, grey
285 - 290	Slate, black
290 - 295	Sand, grey
295 - 300	Slate, black
300 - 305	Sand, grey
305 - 310	Slate, black
310 - 315	Sand, grey
315 - 320	Slate, black
320 - 325	Sand, grey
325 - 330	Slate, black
330 - 335	Sand, grey
335 - 340	Slate, black
340 - 345	Sand, grey
345 - 350	Slate, black
350 - 355	Sand, grey
355 - 360	Slate, black
360 - 365	Sand, grey
365 - 370	Slate, black
370 - 375	Sand, grey
375 - 380	Slate, black
380 - 385	Sand, grey
385 - 390	Slate, black
390 - 395	Sand, grey
395 - 400	Slate, black
400 - 405	Sand, grey
405 - 410	Slate, black
410 - 415	Sand, grey
415 - 420	Slate, black
420 - 425	Sand, grey
425 - 430	Slate, black
430 - 435	Sand, grey
435 - 440	Slate, black
440 - 445	Sand, grey
445 - 450	Slate, black
450 - 455	Sand, grey
455 - 460	Slate, black
460 - 465	Sand, grey
465 - 470	Slate, black
470 - 475	Sand, grey
475 - 480	Slate, black
480 - 485	Sand, grey
485 - 490	Slate, black
490 - 495	Sand, grey
495 - 500	Slate, black
500 - 505	Sand, grey
505 - 510	Slate, black
510 - 515	Sand, grey
515 - 520	Slate, black
520 - 525	Sand, grey
525 - 530	Slate, black
530 - 535	Sand, grey
535 - 540	Slate, black
540 - 545	Sand, grey
545 - 550	Slate, black
550 - 555	Sand, grey
555 - 560	Slate, black
560 - 565	Sand, grey
565 - 570	Slate, black
570 - 575	Sand, grey
575 - 580	Slate, black
580 - 585	Sand, grey
585 - 590	Slate, black
590 - 595	Sand, grey
595 - 600	Slate, black
600 - 605	Sand, grey
605 - 610	Slate, black
610 - 615	Sand, grey
615 - 620	Slate, black
620 - 625	Sand, grey
625 - 630	Slate, black
630 - 635	Sand, grey
635 - 640	Slate, black
640 - 645	Sand, grey
645 - 650	Slate, black
650 - 655	Sand, grey
655 - 660	Slate, black
660 - 665	Sand, grey
665 - 670	Slate, black
670 - 675	Sand, grey
675 - 680	Slate, black
680 - 685	Sand, grey
685 - 690	Slate, black
690 - 695	Sand, grey
695 - 700	Slate, black
700 - 705	Sand, grey
705 - 710	Slate, black
710 - 715	Sand, grey
715 - 720	Slate, black
720 - 725	Sand, grey
725 - 730	Slate, black
730 - 735	Sand, grey
735 - 740	Slate, black
740 - 745	Sand, grey
745 - 750	Slate, black
750 - 755	Sand, grey
755 - 760	Slate, black
760 - 765	Sand, grey
765 - 770	Slate, black
770 - 775	Sand, grey
775 - 780	Slate, black
780 - 785	Sand, grey
785 - 790	Slate, black
790 - 795	Sand, grey
795 - 800	Slate, black
800 - 805	Sand, grey
805 - 810	Slate, black
810 - 815	Sand, grey
815 - 820	Slate, black
820 - 825	Sand, grey
825 - 830	Slate, black
830 - 835	Sand, grey
835 - 840	Slate, black
840 - 845	Sand, grey
845 - 850	Slate, black
850 - 855	Sand, grey
855 - 860	Slate, black
860 - 865	Sand, grey
865 - 870	Slate, black
870 - 875	Sand, grey
875 - 880	Slate, black
880 - 885	Sand, grey
885 - 890	Slate, black
890 - 895	Sand, grey
895 - 900	Slate, black
900 - 905	Sand, grey
905 - 910	Slate, black
910 - 915	Sand, grey
915 - 920	Slate, black
920 - 925	Sand, grey
925 - 930	Slate, black
930 - 935	Sand, grey
935 - 940	Slate, black
940 - 945	Sand, grey
945 - 950	Slate, black
950 - 955	Sand, grey
955 - 960	Slate, black
960 - 965	Sand, grey
965 - 970	Slate, black
970 - 975	Sand, grey
975 - 980	Slate, black
980 - 985	Sand, grey
985 - 990	Slate, black
990 - 995	Sand, grey
995 - 1000	Slate, black

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1438

WELL RECORD

Permit No. KAN-0066-A Oil or Gas Well Gas
(KIND)

Company OWENS, LIBBY-OWENS GAS DEPARTMENT
Address P. O. Box 4150, Charleston 4, W. Va.
Farm Black Diamond Kanawha Splint Acres 767
Location (waters) Coal Co.
Well No. OLO No. 69, Farm No. 4 Elev. 777.4
District Cabin Creek County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Black Diamond Kanawha
Splint Coal Co. Address c/o Kanawha Valley
Bank, Charleston, W. Va.
Drilling commenced 9-10-24
Drilling completed 11-1-24
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ 7 1/2 Cu. Ft.
Rock Pressure 300 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13 Cond.	16'	16'	Anchor
10			Size of
8 1/4	405'	405'	6-5/8 x 2
6 5/8	1113'	1113'	Depth set
5 3/16			
3			Perf. top
2	1859'	1859'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
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
Clay	Yellow		0	15			
Slate	Black		15	50			
Sand	White		50	75			
Slate	White		75	100			
Sand	Gray		100	120	Water	110'	1 blr./hr.
Slate	Black		120	140	Water	130'	2 blrs./hr.
Coal	-		140	143			
Slate	White		143	160			
Sand	White		160	195	Water	165'	Hole full
Slate	Black		195	230			
Sand	White		230	310			
Slate	Black		310	340			
Sand	White		340	361	Oil	355'	small show
Coal	Black		361	366			
Slate	Black		366	379			
Sand	Gray		379	430	Oil	410'	small show
Slate	Black		430	450			
Sand	Gray		450	650			
Slate	Black		650	675			
Sand (Grampus)	-		675	733			
Slate	Black		733	748			
Salt Sand	-		748	952	Water	950'	Hole full
Slate & Shells			952	1002			
Sand	Gray		1002	1030			
Lime	Black		1030	1082			
Slate & Shells	1 -		1082	1106			
Maxton Sand	-		1106	1181			
Red Rock	-		1181	1196			
Slate & Shells	-		1196	1235			
Red Rock	-		1235	1250			
Lime	Black		1250	1276			
Slate	Black		1276	1283			
Pencil	Blue		1283	1308			
Lime shells	Gray		1308	1314			
Little Lime	-		1314	1349			
Slate & Shells	-		1349	1380			
Lime Shells	-		1380	1389			



(Over) MAY 26 1950

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pencil Cove	-		1389	1394			
Big Line	White		1394	1590	Gas	1500-1505	
Big Injun	Red		1590	1625	Gas	1571-1575	
Line Shells	-		1625	1635			
Dark Sand	-		1635	1645			
Slate & Shells	-		1645	1715			
Weir Sand	-		1715	1872	Gas	1788-1793	7 1/2 ft
Slate & Shells	-		1872	2025			
Brown Shale	-		2025	2036			
Slate & Shells	-		2036	2101			
Total Depth				2101 1/2			
Hole filled up to				1859			

Date January 13, 1950

APPROVED _____, Owner

By A. H. Smith (Title) Geologist