

Kanawha 116

CHARLESTON, N.E.

EL 673.9-L

CODENHAVER  
PROSCUP + DUNHAM  
ELK DIST KAN Co,  
DD. 10-23-33

2500± UP 3 mi Cr. of COOPER Cr.  
from mouth.

143,000 frac test

Big Lime	1331	1480
Big ENJUN	1480	1530
Bessa	1960	1964
Brown sh.	3155	3205
" "	4390	4580
Corniferous	4673	4782
OVISKANY	4782	4997
Lime	4797	4812



T.D. 4812      900 4792-96 1/2      116,000

shot 4788-98      1 Box 60% gelatin

Before shot 106,000

1 lb A.S. 184,000

Quad 1, Charleston

116

Elk District, Kanawha County, W. Va.  
 Man Nash Grosscup & W. O. Dunham, Charleston, W. Va. (M.L. Lay, Agent).

On 100 acres, Coopers Creek; surface and mineral rights owned by  
 John L. Dickinson, Charleston, W. Va.

Drilled under permit Kan-116, issued Oct. 18, 1932.  
 Elevation, 670.2' L.

6-5/8" casing, 1350'; 2", 1572'.  
 2 x 6-5/8 Hookwall packer.

Completion reported to Dept. of Mines, Oct. 23, 1933.  
 Well was shot at 4782-4792'.

Well drilled to 1495' when purchased from Coopers Creek Oil & Gas  
 Company, by deed dated Dec. 18, 1929.

3.92 S 38° 30'  
 2.8 W 81° 30'

	Top.	Bottom.
Big Injun Sand (gas, 1530'; 46,080 cu. ft.)	1495	- 1530
Slate and shells	1530	- 1957
Brown shale	1957	- 1960
Berea Sand	1960	- 1964
Slate and shells	1964	- 3155
Brown shale	3155	- 3205
Slate (gas, 3222'; 67,392 cu. ft.)	3205	- 3451
Shale	3451	- 3480
Slate and shells	3480	- 3900
Big white	3900	- 4390
Brown shale	4390	- 4580
White slate	4580	- 4632
Black slate	4632	- 4673
Corniferous Lime	4673	- 4782
White sand (Oriskany) (gas, 4792-4796'; 115,968 cu. ft.)	4782	- 4797
Lime, to bottom	4797	- 4812

4812  
 1495  
 ---  
 3317

6-6 331

Kan 116

Kan 116

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No.....

Well No. 4

Nan Nash Grosscup & W. O. Dunham ~~XXX~~ of Grant Charleston

..... on the Copenhaver Farm

containing 100 acres. Location Coopers Creek

Elk District, in Kanawha County, West Virginia

The surface of the above tract is owned in fee by John L. Dickinson  
of Charleston, W. Va. address, and the mineral rights are owned by

Same of

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit  
No. Kan-116 issued by the West Virginia Department of Mines, Oil and Gas Division

October 18, 193 2

Elevation of surface at top of well, 670.2 Spirit Barometric.

The number of feet of the different sized casings used in the well.

..... feet ..... size. Wood conductor.

1350 feet 6-5/8" size, csg. .... feet ..... sized csg.

1572 feet 2" size, csg. .... feet ..... sized csg.

..... feet ..... size, csg. .... feet ..... sized csg.

..... packer of ..... size, set at

2"x6-5/8" Hookwall packer of ..... size, set at

....., in casing perforated at ..... feet to ..... feet.

....., in casing perforated at ..... feet to ..... feet.

Coal was encountered at ..... feet; thickness ..... inches, and at

feet; thickness ..... inches; and at ..... feet; thickness ..... inches.

Liners were used as follows: (Give details)

October 23, 1933

Date

Approved Nan Nash Grosscup & W.O/Dunham Owner.

By M. L. Lay (TITLE) Agt.

OCT 24 1933

*Kan-116*  
 Nan Nash Grosscup & W. O. Dunham  
 426 Kanawha Valley Bldg.  
 Charleston, W. Va.  
 Well No. 4 - Copenhaver Permit Kan-116

COMPLETION DATA SHEET  
 NO. 2  
 FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Well drilled to 1495 ft. when purchased from Coopers Creek Oil & Gas Company by deed dated December 18, 1929.								
Big Injun		Gas	1530 - 46,080 cu. ft.	1495	1530			
Slate & Shells				1530	1957			
Brown Shale				1957	1960			
Berea				1960	1964			
Slate & Shells				1964	3155			
Brown Shale				3155	3205			
Slate		Gas	3222 - 67,392 cu. ft.	3205	3451			
Shale				3451	3480			
Slate & Shells				3480	3900			
Big White				3900	4390			
Brown Shale				4390	4580			
White Slate				4580	4632			
Black Slate				4632	4673			
Corniferous Lime				4673	4782			
White Sand		Gas	4792 to 4796 $\frac{1}{2}$ " 115,968 cu. ft.	4782	4797			
Lime				4797	4812			
Total Depth					4812			

shot  
 Well was ~~not~~ shot at 4788 to 4796 ft. feet; well was shot at \_\_\_\_\_ feet.

Salt  
 Fresh water at \_\_\_\_\_ feet; fresh water at \_\_\_\_\_ feet.

producing  
 Well was ~~not~~ hole.

October 23, 1933  
 Date

Approved Nan Nash Grosscup & W. O. Dunham  
 Owner

By *M. L. Lay* Agt.

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

OCT 24 1933