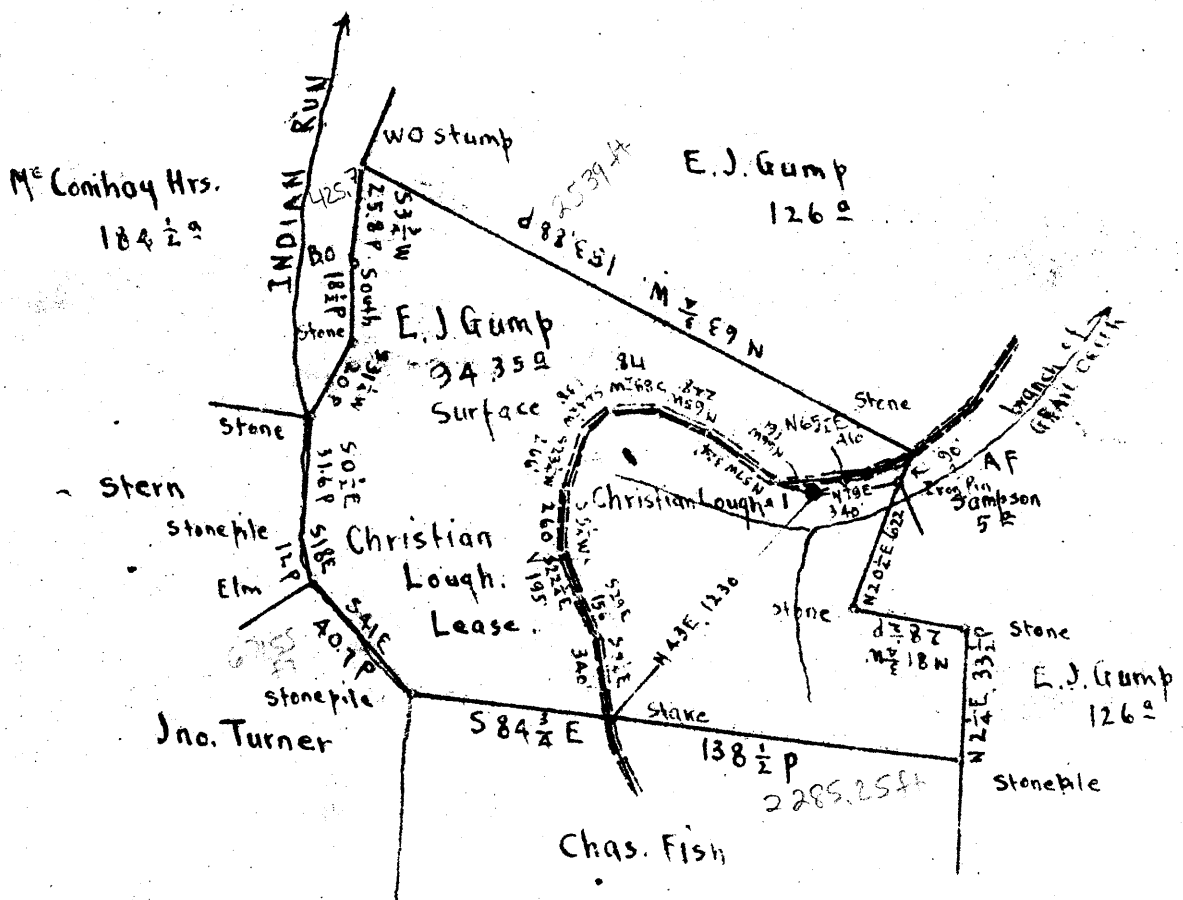




112

Scale 1" = 800 Feet



Surface: E. J. Gump, Cameron, W. Va.

Pittsburgh Coal: Ernest Watson, Isaac L. VanVoorhis, et al.

Address: Ernest Watson, Masontown, Preston Co., W. Va.

- New Location
- Drill Deeper
- Abandonment

N 26-27 E 3

Company Sam Beren  
 Address Marietta Ohio  
 Farm Christian Lough  
 Tract Acres 94.35 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) Floor - 1204.08 } Concrete Floor  
Ground - 1204.08 } Level with ground  
 Quadrangle CAMERON  
 County Marshall District Cameron  
 Engineer E. C. Tabler  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Aug 28<sup>th</sup> 1917 Scale 1" = 800 Feet.

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

**WELL LOCATION MAP**

FILE NO MARS-273-A

MDW 051 1306  
also 051 70202

+ 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.



326

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 113 A → 1306

Oil or Gas Well Oil  
(KIND)

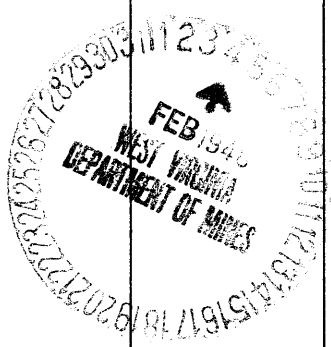
Company Sam Beren  
Address 516 4th Street, Marietta, O.  
Farm Christian Lough Acres 94  
Location (waters) Grave Creek  
Well No. 1 Elev. 1204.08  
District Cameron County Marshall  
The surface of tract is owned in fee by E. J. Gump  
Address Cameron, W. Va.  
Mineral rights are owned by South Penn Nat. Gas Co.  
Address Cameron, W. Va.  
Drilling commenced \_\_\_\_\_  
Drilling completed \_\_\_\_\_  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /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	1383	1383	
6 5/8	2371	2371	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 540 FEET \_\_\_\_\_ INCHES  
795 FEET \_\_\_\_\_ INCHES 890 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt S.			1625	1825			
Big Lime			1960	2000			
B. Injun			2000	2260			
Gordon			2885	2911	Oil	2888	
Total Depth				2913			
Coal Records:							
Native Coal			540	545			
Mapletown Coal			795	800			
Pitt. Coal			890	895			



Liberty District, Marshall County, W. Va.  
South Penn Oil Co.  
1 mi. west of Cameron.  
Completed, Aug. 3, 1903.  
(Steel line).

1306

	Top.	Bottom.
Coal, native	540	- 545
Mapletown Coal	795	- 800
Pittsburgh Coal	890	- 895
Salt Sand	1625	- 1825
Big Lime	1960	- 2000
Big Injun Sand	2000	- 2260
Stray Sand	2840	- 2845
Gordon Sand (pay, 2888-2898')	2885	- 2911
Total depth		2913½

OSI 1306

Liberty District, Marshall County, W. Va.  
 By South Penn Oil Co.  
 3/4 mi. due west of Cameron station.  
 Elevation, 1210' B.

	Top.	Bottom.
Coal, Waynesburg "A"	540	- 545
Coal, Mapletown (Sewickley)	795	- 800
Coal, Pittsburgh (SLM)	890	- 895
Salt Sand	1625	- 1825
Big Lane	1960	- 2000
Big Injun Sand	2000	- 2260
Gordon Stray Sand	2840	- 2845
Gordon Sand (SLM)	2885	- 2911
(first pay of oil, 2888-2898')		
Unrecorded to bottom	2911	- 2913 $\frac{1}{2}$

"The top of the Big Injun Sand comes only 1110 feet below the top of the Pittsburgh Coal, and top of the Gordon Sand comes 1995 feet below the top of the same bed. The coal occurring at a depth of 540 feet is evidently the Waynesburg "A" bed, since the Waynesburg proper should come about 300 feet above the Pittsburgh bed

into Liberty district did not take place until 1901 or 1902. The relation of this pool to geologic structure is in complete agreement with the anticlinal theory<sup>18</sup> of Dr. I. C. White. The following well records, 11 in number, scattered from Cameron southwest along the pool to the Liberty-Meade district line at Fish Creek, give valuable data with reference to oil and gas horizons as well as the several coal beds. The measurements in all these wells to the Pittsburg coal and Gordon sand were made with a steel line and should give the interval between these two formations very accurately:

**C. C. Lough No. 3 Well Record (M 67), Liberty District.**

$\frac{3}{4}$  mile due west of Cameron Station. Authority, South Penn Oil Co.

OS) 70202  
 4 30273  
 4 1306

	Feet.		Feet.
Coal, Waynesburg "A" .....	540	to	545
Coal, Mapletown (Sewickley) .....	795	to	800
Coal, Pittsburg (Steel line) .....	890	to	895
Salt sand .....	1625	to	1825
Big lime .....	1960	to	2000
Big Injun sand .....	2000	to	2260
Gordon stray sand .....	2840	to	2845
Gordon sand (steel line) .....	2885	to	2911
First pay of oil .....	2885	to	2898
Unrecorded to bottom .....	2911	to	2913 $\frac{1}{2}$

The top of the Big Injun sand comes only 1110 feet below the top of the Pittsburg coal, and top of the Gordon sand comes 1995 feet below the top of the same bed. The coal occurring at a depth of 540 feet is evidently the Waynesburg "A" bed, since the Waynesburg proper should come about 300 feet above the Pittsburg bed.

**Wm. Gray No. 5 Well Record (M 69), Liberty District.**

Located 2 miles southwest of Cameron Station. Authority, South Penn Oil Co.

	Feet.		Feet.
Coal, Waynesburg .....	800	to	803
Mapletown coal (Sewickley) .....	1010	to	1014
Pittsburg coal (steel line) .....	1102	to	1106
Salt sand .....	1725	to	2030
Big lime .....	2200	to	2240
Big Injun sand .....	2240	to	2490

18. Vol. I (a) pp. 49-52, W. Va. Geol. Survey.