

LATITUDE  
39°57'30"

0.495

0.10W

(051-378)  
30039

LONGITUDE

80°42'30"

T'S OGIS topo location  
7.5' loc 0.495 15' loc \_\_\_\_\_  
0.10W (calc.) \_\_\_\_\_

Company WASMUTH + CALLAHAN GAS Co.  
Farm JOHN OTTE #2  
(ALSO JOHN OTTE HEIRS #2)  
DEEPEMED  
Quad MOONSVILLE  
County MARSHALL  
District WASHINGTON

WELL LOCATION MAP  
File No. 30039  
#5 ON COUNTY REPORT MAP  
Pg. 378 TEXT  
(051-378)

the Proposed location of the  
 JOHN O'NEILL HRS 193 12 A  
 form, consisting of 100  
 located in District

Allowance before the  
 this the few day of August

My Comm Expires



Washington District, Marshall County, W. Va.  
 Wasmuth & Callahan Gas Co., Glendale, W. Va. (Geo. P. Wasmuth, Pres.)  
 On 100 acres, surface and mineral rights owned by John Otte Heirs,  
 McMechen, W. Va., R. F. D.

Old oil well drilled deeper.

Elevation, 780'.

8 $\frac{1}{2}$ " casing, 570'; 6 $\frac{1}{2}$ " casing, 512'; 4-7/8", 1321'.

Coal was encountered at 280-285, and 195-199'.

No liners used.

Completion reported to Dept. of Mines Aug. 16, 1934.

Salt water at 1200'.

Originally an oil well. Dry on deeper drilling.

	Top.	Bottom.
1st Cow Run Sand, white, hard (oil)	580	- 600
Salt Sand, white (water)	1170	- 1210
Big Injun Sand, white, to bottom	1360	- 1462

This well was a producing oil well in the 1st Cow Run Sand, drilled back in year 1896; has been non-productive for 5 years or more; recently drilled from the 1st Cow Run Sand to the Big Injun Sand; latter sand dry, neither oil or gas.

MAAS-39-A

Washington District, Marshall County, W. Va.  
 Authority, John Otte.  
 Located 2 1/2 mi. N. E. of Moundsville.  
 Elevation, 785' B.

	Thickness.	Total.
Coal	1 -	1
Sandstone, shaly	6 -	7
Limestone, hard	15 -	22
Coal, Waynesburg	4 -	26
Limestone, hard, broken	70 -	96
Shale, bluish, cave	5 -	101
Limestone, softer, broken	95 -	196
Coal, Sewickley	4 -	200
Limestone, hard	70 -	270
Limestone, softer	15 -	285
Coal, Pittsburgh	6 -	291
Limestone, hard	10 -	301
Shale, dark	10 -	311
Shale, red, cave, with streaks of white	125 -	436
Shales, red and white, iron nodules	123 -	559
Coal, some places dark shale	5 -	564
Limestone, white, hard	20 -	584
Sandstone, First Cow Run (Moundsville)		
(Salzburg) (pay 7 to 9 ft. from top)	25 -	609

Washington District, Marshall County, W. Va.  
 John Otte.  
 2½ mi. N. E. of Moundsville.  
 Elevation, 785' B.

	Top.	Bottom.
Coal	0 -	1
Sandstone, shaly	1 -	7
Limestone, hard	7 -	22
Coal, Weynesburg	22 -	26
Limestone, hard, broken	26 -	96
Shale, bluish, cave	96 -	101
Limestone, softer, broken	101 -	196
Coal, Sewickley	196 -	200
Limestone, hard	200 -	270
Limestone, softer	270 -	285
Coal, Pittsburgh	285 -	291
Limestone, hard	291 -	301
Shale, dark	301 -	311
Shale, red, cave, with streaks of white	311 -	436
Shales, red and white, iron nodules	436 -	559
Coal, some places dark shale	559 -	564
Limestone, white, hard	564 -	584
Sandstone, First Cow Run (Moundsville) (Saltsburg) (oil pay. 591-93')	584 -	609