

PITTSBURGH & W.VA. GAS COMPANY OF PITTSBURGH PA.
 LEASE NO. 2814 LESSOR E. H. STEPHENS ACRES 36
 DISTRICT LINCOLN COUNTY MARION STATE W.VA.
 WTR QUADRANGLE CLANSBURG W.V.R. 2 DATE AUG 26 1933 NO. ON LEASE 1
 LEASE EXPIRES _____ P. RESERVATION _____ ELEVATION 1091 KA.



ENGINEER'S CERTIFICATE
 I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF, REQUIRED BY THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

 ENGINEER
 ACKNOWLEDGED BEFORE ME, A NOTARY PUBLIC, THIS 20th DAY OF August 1935
 W.M. McMartin

Lincoln District, Marion County, W. Va.

By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.

On 37 acres, surface owned by Continental Coal Co., Deveny Bldg.,
Fairmont, W. Va., and mineral rights by E. H. Stephens,
Worthington, W. Va.

Well completed March 16, 1907.

Elevation, 1041' L.

13" conductor, 15'; 10" casing, 265'; 8 1/2", 1200'; 6-5/8", 1560'.

Coal was encountered at 70-73, 160-164, and 190-194'.

Location made Dec. 28, 1906; began drilling, Jan. 30, 1907;
completed drilling March 16, 1907.

Abandonment reported to Dept. of Mines Sept. 11, 1933.

Well was not shot. 6-5/8" hole. Gas well.

	Top.	Bottom.	Thickness.
Clay, yellow, soft	0	15	15
Lime, white, hard	15	70	55
Mapletown (Sewickley) Coal, black, soft	70	73	3
Lime, white, hard	73	160	87
Coal, black, soft	160	164	4
Lime, white, hard	164	190	26
Pittsburgh Coal, black, soft	190	194	4
Lime, white, hard	194	294	100
Sand, white, soft	294	346	52
Slate, white, soft	346	396	50
Slate, red, soft	396	466	70
Slate, brown, soft	466	514	48
Sand, white, hard	514	574	60
Slate, white, soft	574	624	50
Lime, white, hard	624	660	36
Big Dunkard Sand, white, hard	660	740	80
Slate, black, soft	740	760	20
Gas Sand, white, hard	760	785	25
Lime, white, hard	785	800	15
Slate, black, soft	800	840	40
Slate, black, soft	840	900	60
Sand, white, hard	900	940	40
Lime, white, hard	940	960	20
Sand, white, hard	960	1040	80
Slate, black, soft	1040	1080	40
Sand, white, hard	1080	1090	10
Slate, black, soft	1090	1125	35
Salt Sand, white, hard	1125	1285	160
Slate, black, soft	1285	1318	33
Slate, red, soft	1318	1364	46
Slate, black, soft	1364	1410	46
Lime, white, hard	1410	1440	30
Slate, red, soft	1440	1490	50
Slate, white, soft	1490	1510	20
Lime, red, hard	1510	1540	30
Slate, brown, soft	1540	1550	10
Pencil Cave, white, soft	1550	1555	5
Big Lime, white, hard	1555	1630	75
Big Injun Sand, white, hard	1630	1680	50
Slate, black, soft	1680	1700	20
Slate and shell, white, soft	1700	2090	390

(OVER)

MAR-80-A

E. H. STEPHENS NO. 2138 WELL (Continued).

	Top.	Bottom.	Thickness.
Sand, white, hard	2090	- 2110	20
Slate, white, soft	2110	- 2125	15
50-Ft. Sand, white, hard	2125	- 2200	75
Sand, red, hard	2200	- 2235	35
Slate, white, soft	2235	- 2265	30
30-Ft. Sand, white, hard (gas, 2280')	2265	- 2305	40
Slate, red, soft	2305	- 2330	25
Slate, white, soft	2330	- 2350	20
Slate, red, soft	2350	- 2370	20
Slate and shell, red, soft	2370	- 2410	40
Gordon Sand, white, hard	2410	- 2454	44
Slate, white, soft	2454	- 2458	4
lth Sand, white, hard	2458	- 2473	15
Lime, red, hard	2473	- 2478	5
Slate, white, soft	2478	- 2580	102
Lime, white, hard (gas, 2583')	2580	- 2583	3
Slate, white, soft	2583	- 2588	5
Sand, white, hard (gas, 2595')	2588	- 2600	12
Slate, white, soft	2600	- 2613	13
Total depth		2613	

Record of Well No. *2138* Located on *E. W. Stevens* Farm *Sec 28* 1906
Sincoln District *Marion* County *W. Va* State
 Division *L* District No. *11* Drilled under Well Order *716*
 Rig built by *Jno. Craig* Began *19* Completed *Jan 16* 1907
 Well drilled by *Wm. Barnhart* Began *Jan 20* 1907 Completed *Mar 16* 1907
 Depth of Well *2613* feet Size of Hole *6 7/8* Producing *Gas*
 Elev: *1041*

CASED WITH

REMARKS

AMOUNT	SIZE	KIND
<i>265</i>	<i>10</i>	<i>Old</i>
<i>1200</i>	<i>8 1/4</i>	<i>"</i>
<i>1560</i>	<i>6 7/8</i>	<i>New</i>
<i>2462</i>	<i>3</i>	<i>"</i>

COAL VEINS

Maplestown 70-73 Pgh 190-194

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
<i>Big Sun hard</i>	<i>660</i>	<i>740</i>				
<i>Salt sand</i>	<i>900</i>	<i>1285</i>				
<i>Big Lime</i>	<i>1535</i>					
<i>Big Injun</i>	<i>1620</i>	<i>1680</i>				
<i>Fifty Foot</i>	<i>2090</i>	<i>2200</i>				
<i>Wilty</i>	<i>2200</i>	<i>2235</i>				
<i>"</i>	<i>2255</i>	<i>2305</i>		<i>2280</i>		
<i>London sand</i>	<i>2410</i>	<i>2454</i>				
<i>Fourth</i>	<i>2458</i>	<i>2473</i>				
<i>Fifth</i>	<i>2570</i>	<i>2600</i>		<i>2595</i>		

Abd. Jan 1934

