

Company South Penn Natural Gas Co.
 Address Parkersburg, W. Va.
 Farm Lincoln Dodd
 Tract _____ Acres 133 Lease No. 73598
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 874.00
 Quadrangle SE Walter's fettle 7.5' 50
 County Kanawha District E1K
 Engineer E. C. Tabler
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date Apr. 18, 1941 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-817 D

+ 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 in border line of original tracing.

Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Kan-817		Gas Well
Company	South Penn Natural Gas Co.	Casing & Tubing
Address	Union Trust Bldg., Parkersburg, W. Va.	
Farm	Lincoln Dodd Acres 135	5½" O.D. 5115'7" -
Location	Little Sandy	
Well No	L-D.D. Elev. 874	<u>Packer</u>
District	Elk Kanawha County	Shoo Packer
Surface	Howard Dodd, Frame, W. Va.	Size-5½" O.D.
Mineral	" "	Depth-5073'
Commenced	May 21, 1941	
Completed	Aug. 7, 1941	
Flow	18/10ths M. in 5 3/16" 13#	
Volume	4,742,000 C.F.	
Rock Pressure	1180 lbs. 24 hrs.	

DRILLED DEEPER

Commenced Drilling		2264
Lime	2264	2300
Slate & Shell	2300	3440
Brown Shale	3440	3500
Slate & Shell	3500	4000
Brown Shale	4000	4175
Blue Shale	4175	4475
Lime	4475	4575
Slate & Shell	4575	4675
Brown Shale	4675	4940
White Slate	4940	4970
Brown Shale	4970	5025
Limo Shell	5025	5028
Black Shale	5028	5054
Corniferous	5054	5181
Oriskany	5181	5196--Not drilled thru
 TOTAL DEPTH		 5196

Gas	5186	40/10 W 1" Opng. 75,300 C.F.
Gas	5186-88	4/10 M 5 3/16" 2,246,000 C.F.
Gas	5188-91	10/10 M 5 3/16" 3,546,000 C.F.
Gas	5191-95	16/10 M 5 3/16" 4,477,000 C.F.
Gas	5195-96	18/10 M 5 3/16" 4,742,000 C.F.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well GAS
(2285)

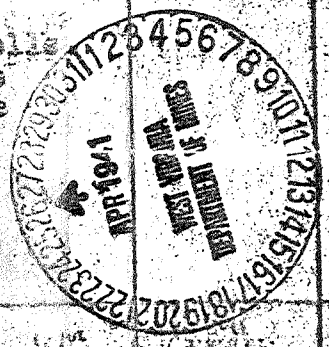
Permit No. 817

Company South Penn Natural Gas Company
Address Union Trust Bldg. Parkersburg, W. Va.
Farm Lincoln Dodd Acres 153
Location (waters) Little Sandy
Well No. 1 Elev. 874'
District Elk County Kanawha
The surface of tract is owned in fee by Howard Dodd
Address Frame, W. Va.
Mineral rights are owned by John A. Dodd
Address Frame, W. Va.
Drilling commenced Jan. 13, 1926
Drilling complete Mar. 2, 1926
Date shot Mar. 1, 1926 Depth of shot Berea
Open Flow 8 /10ths Water in two (2) Inch
700 /10ths Merc. in two (2) Inch
Volume 440 M Cu. Ft.
Rock Pressure 700 lbs. 128 hrs.
Oil --- bbls., 1st 24 hrs.
Fresh water 70 feet --- feet
Salt water 1261 feet --- feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Parmaco Lead</u>
18			<u>B.H. Packer</u>
10	<u>187 (Pulled)</u>		Size of <u>1-6-5/8</u>
8 1/2	<u>754 (Pulled)</u>		<u>XB-1/4</u>
6 1/2	<u>1701</u>		Depth set <u>1688±821</u>
5 3/16			Perf. top <u>---</u>
3			Perf. bottom <u>---</u>
2			Perf. top <u>---</u>
Liners Used			Perf. bottom <u>---</u>
Cond. <u>16'</u>			

CASING CEMENTED --- SIZE --- No. Ft. --- Date ---
(?) COAL WAS ENCOUNTERED AT 1455 FEET 36 INCHES
--- FEET --- INCHES --- FEET --- INCHES
--- FEET --- INCHES --- FEET --- INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Blue Mud & Shale				30			
Sand & Lime			30	80	Water	70	Hole full
Red Rock			80	120			
Sand & Lime			120	140			
Red Rock			140	165			
Shells			165	170			
Slate			170	180			
Lime			180	190			
Slate & Red Rock			190	275			
Sand			275	300			
Slate & Red Rock			300	400			
Sand			400	438			
Slate			438	500			
Sand			500	625			
Slate Break			625	628			
Sand			628	660			
Slate & Shells			660	747			
Sand			747	788			
Slate			788	850			
Sand			850	910			
Slate			910	1140			
Sand			1140	1160			
Slate			1160	1200			
Salt Sand			1200	1455	Water	1261	Hole full
Water Sand				1300			
Water Sand				1435			
Coal(?)			1455	1458			
Slate			1458	1480			
Maxon Sand			1480	1555			
Slate & Shells			1555	1652			
Little Line			1652	1667			
Pencil Cave			1667	1670			



Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found				
Cont'd.										
Big Line			1670	1821	Gas	1712	Inst. for test			
Big Injun Sand			1821	1841	Gas	1772	10/10M. 2" to 4/10M. 2"			
Slate & Shells			1841	2230						
Berea Sand			2230	2243	Gas	2239	8/10M. 2"			
Slate			2243	2264						
Total Depth										
Minute Pressure Test:										
Date	Opening	1	2	3	4	5	10	15	1 hr.	RPTc
3/19/26	2"	20	40	50	65	80	120	165	380	700#
3/19/26	2"	--	--	--	--	10	12	20	80	320#

MET RECORD Date April 25,
 APPROVED [Signature]
 SOUTH PENN NATURAL GAS COMPANY
 (Title)