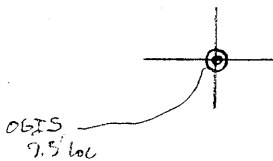


LATITUDE

31 17 30

80 47 30

LONGITUDE



7'5 OGIS topo location

7.5' loc 2.63 S 15' loc _____
 ' 1.09 W (calc.) _____

Company _____

Farm _____

Quad West Union 7.5

County _____

District West Union

WELL LOCATION MAP

File No. 017-528A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

436

Permit No. 000-528 - A

WELL RECORD

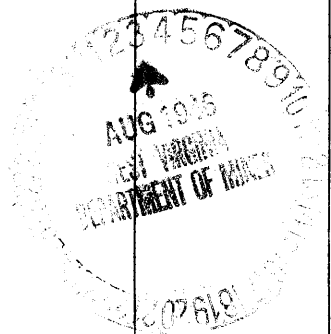
Oil or Gas Well _____ (KIND)

Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm Theresa Maulsby Acres 146
Location (waters) _____
Well No. 4843 Elev. 844
District West Union County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced May 23, 1917
Drilling completed July 2, 1917
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 none recorded feet _____ feet
Salt water none recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	63	63	Size of
8 1/4	315	315	
6 5/8	801	801	Depth set
5 3/16	1625	1625	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

NOT
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 50 FEET 60 INCHES
330 FEET 60 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			50	55			
Pittsburgh Coal			330	355			
Little Dunkard			720	743			
Big Dunkard			810	850			
Gas sand							
First Salt			976	996			
Second Salt			1040	1150			
Third Salt			1240	1350			
Maxon			1400	1450			
Little Lime			1595	1600			
Pencil cave			1600	1605			
Big Lime			1605	1720	gas	1620 1630	
Big Injun			1720	1759	gas	1755 1759	
Squaw			1775	1802	gas	1795 1800	
Total depth				2039			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date July 31, 1946., 194

APPROVED Hope Natural Gas Company., Owner

By General Superintendent.
(Title)

West Union District, Hedrick County, W. Va.
 By Hays Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.
 Abandoned under permit No. 10000-1
 On 146 acres.
 Elevation, 840' L.
 Drilling commenced May 23, 1917; completed July 2, 1917.
 No water recorded.
 10" casing, 63'; 8" casing, 315'; 6" casing, 801'; 5" casing, 1625'; all left in.
 Casing not cemented.
 Coal was encountered at 50-55 and 330-355'.
 Gas well. Abandonment reported to Dept. of Mines July 31, 1946.
 Record to ROT from Mrs. Griffith Nov. 6, 1946. Old File No. 436.

	Top.	Bottom.
Native coal	50	55
Pittsburgh Coal	330	355
Little Durham Sand	720	743
Big Durham Sand	810	830
First Salt Sand	976	996
Second Salt Sand	1040	1150
Third Salt Sand	1240	1350
Morton Sand	1400	1450
Little lime	1595	1600
Pencil Cove	1600	1605
Big lime (gas, 1620-1630')	1605	1720
Big Injun Sand (gas, 1755-1759')	1720	1759
Sugar Sand (gas, 1795-1800')	1775	1802
Total depth		2039