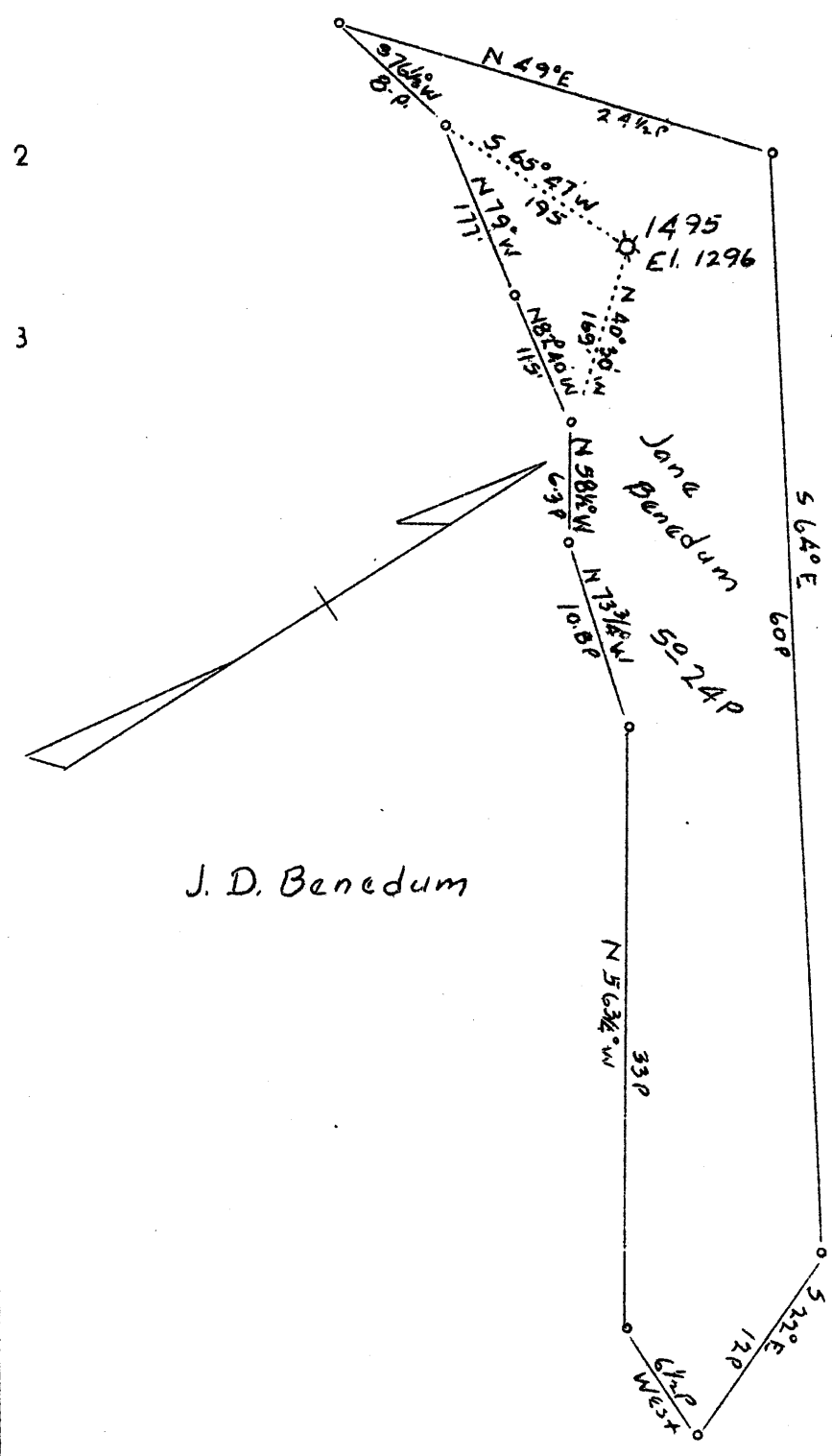


LATITUDE 39° 20'

LONGITUDE 38° 35'

0.285
3.29W



A. A. Benedum

J. D. Benedum

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm Jane Benedum
 Tract Acres 5 Lease No. 1495
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1296
 Quadrangle Center Point W. Va
 County Doddridge District Grant
 Engineer S. H. Bradley
 Engineer's Registration No. 135
 File No. _____ Drawing No. _____
 Date 12-31-36 Scale 1" - 10 Pls

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP
 File No. DOD-165A

+ Denotes location of well on U. S. 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.

Latitude

39°20'00"

+
15'

0.195
1.06W

03.73.08

Longitude

Topo Location

7.5' Loc. 0.195 15' Loc. 0.195
1.06W (calc.) 3.29W

Company _____ #1495

Farm JED BENEDEUM

15' Quad Centiput SC
(sec.)

7.5' Quad Smithburg

District GRANT

WELL LOCATION PLAT

County 017 Permit 30165

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. 000-165-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.,
 Farm Jane Benedum Acres 5
 Location (waters) Big Flint
 Well No. 1495 Elev. 1296
 District Grant County Doddridge
 The surface of tract is owned in fee by.....
 Address.....
 Mineral rights are owned by.....
 Address.....
 Drilling commenced November 18, 1909
 Drilling completed December 16, 1909
 Date shot Never Shot Depth of shot.....
 Open Flow /10ths Water in..... Inch
 /10ths Merc. in..... Inch
 Volume..... Cu. Ft.
 Rock Pressure..... lbs..... hrs.
 Oil..... bbls., 1st 24 hrs.
 Fresh water 850 feet..... feet
 Salt water..... feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16.....			
13.....			
10.....	<u>495</u>	<u>None</u>	Size of.....
8 1/4.....	<u>1540</u>	<u>1540</u>	
6 5/8.....	<u>2148</u>	<u>2148</u>	Depth set.....
5 3/16.....			
3.....			Perf. top.....
2.....	<u>2352</u>	<u>None</u>	Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

Not Cemented

CASING CEMENTED..... SIZE..... No. FT..... Date.....

COAL WAS ENCOUNTERED AT 320 FEET 60 INCHES
845 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			320	325			
Pittsburgh Coal			845	850	Water	850	
Little Dunkard Sand			1180	1210			
Big Dunkard Sand			1380	1410			
Gas Sand			1538	1568			
First Salt Sand			1740	1785			
Second Salt Sand			1790	1908			
Maxon Sand			1975	2010			
Little Lime			2105	2120			
Pencil Cave			2120	2127			
Big Lime			2127	2195			
Big Injun Sand			2195	2322	Gas	2200	
Total Depth				2336			

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

Date January 1, 1937, 19

APPROVED Hope Natural Gas Company, Owner

By *[Signature]*
(Title) Asst. General Supt.