

LATITUDE

39° 25'

7 1/2
.385
342



79° 52' 30"

LONGITUDE

LONGITUDE

Location determined from well record and Map # of 1914 Rep.

7.5 OGIS topo location

7.5' loc _____

15' loc _____
(calc.) _____

#62 on Map # of 1914 Co Rep.

Company _____

Farm Idel De Billier

LOCATION MAP

Quad Gladesville 7 1/2

County Preston

District Lyon

WELL LOCATION MAP

File No. 077-70002 Byfar

077-256

Lyn
..... District, Preston County, W. Va.
On Three Fork Creek, by Harry S. Jenkins, Box 582, Baltimore, Md.,
by Daubenspeck and Deems, of Parkersburg, W. Va.
Conductor, 3/4"; 10" casing, 100'; 8 1/2", 200'; 6-5/8", 600'.
Well started Oct. 25, 1910; finished, Dec. 13, 1910.

	Top.	Bottom.
Sand and lime	0	300
Sand, white	325	350
Slate and lime	350	
Sand	520	535
Salt Sand, (nice showing of gas)	615	
Top of Big Lime	710	
Top of Keener Sand	800	
Big Injun Sand	820	
Red rock at	930	
Berea Grit (show of Oil)	1190	
Gantz Sand	1235	
50-Ft. Sand	1285	
Gordon Stray Sand (little gas, 1400')	1390	
Gordon Sand at	1510	
Lime and slate to		1600
Red lime and slate to		1830
Finished at		1830

DEBELL DEBILLIER NO. 1 WELL (62).

Lyon District (Preston County), $\frac{1}{2}$ mile S. E. of Irondale;
 by the Great Elk Oil & Gas Co.; authority, J. P. Deem, Parkersburg,
 W. Va.; Commenced October 24, 1910, and completed December 14, 1910.
 Elevation, 1190' B.-A. T.

	Thickness. Feet.	Total. Feet.
Quicksand	32	32
Sandstone, hard and white (Clarion, Homewood, and Upper Connoquenes- sing)	268	300
Unrecorded	50	350
Sandstone	25	375
Unrecorded	145	520
Sandstone	15	535
Unrecorded	80	615
Sandstone (little oil and gas)	25	640
Unrecorded	70	710
Big Lime (Greenbrier Limestone)	90	800
Keener Sand	20	820
Big Injun Sand	110	930
Red rock and unrecorded	240	1170
Sandstone, Berea?	20	1190
Unrecorded	30	1220
Sandstone, Gants?	15	1235
Unrecorded	38	1273
Sandstone, Fifty-foot? (Berea)	12	1285
Unrecorded	105	1390
Sandstone, Gordon Stray? (Fifty-foot) (little gas at 1400') and unre- corded	100	1490
Sandstone, Gordon	10	1500
Lime and slate to bottom	330	1830

Record published on pp. 207-208, Preston County Report, in 1914.

Record preceded by following paragraph:

"The following is the record of a boring located in the western edge of Lyon District along the steep eastern slope of the Chestnut Ridge anticline. The well mouth is about 140 feet below the horizon of the Upper Freeport coal; hence, the correlations in parentheses:"

was an old Salt well
and had to be aban-
dled "the Devil Soap,"
at we were drilling for
or 350 feet. This in-
boarded the men that
Metheny."

horizon as the one last
recently in the Second

Pleasant District.—As
s are practically the
presence of oil or gas
the structure is favor-
of the Preston anti-
4 miles, and likewise
region immediately
the failure to get gas
ld render it futile to
be encountered in a
in anticline in Pleas-
especially so as the
ched, owing to the
se of this great arch.

thwest of Grant and
, so that its area is
tion by three struc-
Preston anticlines and
ne conditions prevail
last two mentioned;
in paying quantities

cated in the Ligonier
and drilled 10 to 12
in the boundaries of
ould be obtained, but
e reached a depth of
v the Upper Freeport

coal, it penetrated below the Elizabeth or Seventh sand. The well flows a strong stream of fresh water.

Prospective Oil and Gas Areas, Valley District.—The structure is very favorable for a pool of gas in the eastern portion of this district in that territory lying along the crest of the Preston anticline, but for reasons given on preceding pages of this chapter, the financial risk in sinking a boring in this highly folded, mountain region would be great. The failure to get gas in paying quantity in a test well located anywhere along or near the axis of this fold southward from coal prospect No. 60 (See Map II) to the Valley-Kingwood district line, would render the chances of getting oil in paying quantity anywhere in the district extremely doubtful.

Lyon District.

Lyon district lies immediately south of Valley district and adjoins Monongalia and Taylor counties. A glance at Map II shows that the major portion of its area lies in the Ligonier and Evansville synclinal basins, a small part along the south-west border being affected by the Hiram anticline. Only three test wells have been drilled in the district, all of which were non-productive. These will now be discussed from north to south across the area.

The following is the record of a boring located in the western edge of Lyon district along the steep eastern slope of the Chestnut Ridge anticline. The well mouth is about 140 feet below the horizon of the Upper Freeport coal; hence, the correlations in parentheses:

Idell Debillier No. 1 Well Record (62).

Lyon district, ½ mile S. E. of Irondale; by the Great Elk Oil & Gas Co.; authority, J. P. Deem, Parkersburg W. Va. Commenced October 24, 1910, and completed December 14, 1910. Elevation 1190' B-A. T.

	Thickness Feet.	Total Feet.
Quick sand.....	32	32
Sandstone, hard and white (Clarion, Home- wood and Upper Connoquenessing).....	268	300
Unrecorded	50	350
Sandstone	25	375

	Thickness Feet.	Total Feet.
Unrecorded	145	520
Sandstone	15	535
Unrecorded	80	615
Sandstone (little oil and gas).....	25	640
Unrecorded	70	710
Big Lime (Greenbrier Limestone).....	90	800
Keener sand.....	20	820
Big Injun sand.....	110	930
Red rock and unrecorded.....	240	1170
Sandstone, Berea?.....	20	1190
Unrecorded	30	1220
Sandstone, Gantz?.....	15	1235
Unrecorded	38	1273
Sandstone, Fifty-foot? (Berea).....	12	1285
Unrecorded	105	1390
Sandstone, Gordon Stray? (Fifty-foot) (lit- tle gas at 1400') and unrecorded.....	100	1490
Sandstone, Gordon	10	1500
Lime and slate to bottom.....	330	1830

The Virginia-Maryland Coal Corporation No. 1 well (located at Newburg at the junction of the axes of the Ligo and Evansville synclines, was drilled several years ago by Hon. J. M. Guffey of Pittsburgh, Pa. The detailed log of well is published on pages 342-343 of Vol. I(a) of the Survey Reports, the basal 2466 feet also being published connection with the Newburg section, page 89 of this report. Although the well is ideally located from a structural standpoint for oil in the non-water-bearing sands—represent those below the Big Injun—yet it proved non-productive, even a showing of either oil or gas is reported by Prof. J. F. Carll, who is authority for the record as given in the mentioned reference.

Mr. C. E. Gustkey of Independence reports a small seepage of petroleum out into the workings of the Upper Freep coal seam at the Newburg shaft mine a few years ago, in sufficient quantity that the State Mine Inspector stopped work at the mine. According to Reger, a bottled sample of this collected by Mr. Gustkey, resembles the Pennsylvania grade of petroleum. This seepage is probably from the Big Durard (Mahoning) sand. The log of the well last described fails to report a show of oil at this horizon, but it is possible that such showings were ignored by the drillers at that time.

The Wm. H. Shaw No. 1 well (69), located in the south