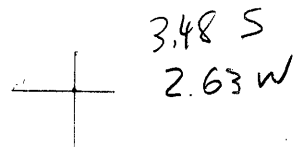


LATITUDE 38° 30'



LONGITUDE 81° 30'

7.5 OGIS topo location

7.5' loc _____ 15' loc _____
 _____ (calc.) _____

Company United Fuel GAS

Farm Grant Copenhagen

Quad Clendendin 15'

County Kanawha

District Big Sandy

WELL LOCATION MAP

File No. 40703 70731

#734 in MWGES
Kanawha County Report

	Thickness Feet.	Total Feet.
Slate, black	100	650
Slate, white	50	700
Lime, white	75	775
Sand, gray	35	810
Slate, black	15	825
Sand, white	175	1000
Slate, black	10	1010
Sand, white	270	1280
Slate, black	20	1300
Sand, block	60	1360
Sand, white	51	1411
Lime, black	143	1554
Big Lime, white	26	1580
Sand, Big Injun, gray		

"Four bailers water at 70 feet; 6 bailers of water at 200 feet; hole full of water at 880 feet; 10 bailers of water at 1564 feet; dry hole, and well abandoned."

Grant Copenhaver No. 1 Well Record (734).

Located on Cooper Creek, 2 miles northwest of Copenhaver P. O., Elk district. Completed Feb. 6, 1911. Authority, United Fuel Gas Co. Elevation, 897' A. T. B.

	Thickness Feet.	Total Feet.
Unrecorded	16	16
Sand	5	21
Red rock	24	45
Red rock	20	65
Sand	167	232
Red rock	43	275
Sand	91	366
Black slate	20	386
Lime	24	410
Sand	5	415
Coal, No. 5 Block	105	520
Lime sand	25	545
Black slate	20	565
White slate	58	623
Sand	3	626
Coal	32	658
Black slate	67	725
Lime	7	732
Slate	68	800
Lime shells	75	875
Black slate	45	920
Lime	15	935
Black slate	40	975
Lime shells	5	980
Slate	31	1011
Lime	6	1017
Slate	253	1270
Sand, 1st Salt	5	1275
Coal, Sewell horizon ?		

	Thickness Feet.	Total Feet.
Slate	40	1315
Sand, 2d Salt.....	198	1513
Little Lime.....	34	1547
Pencil cave.....	9	1556
Big Lime.....	155	1711
Big Injun sand, gas	12	1723

"Gas well; hole full of water at 1060'; calculated volume 2,166,000 cu. ft. per day."

In 1891 E. M. Hukill & Company drilled a well on the Lewis Hammack farm on Little Sandy creek, near the mouth of Wills creek, but the well proving dry was abandoned. The following is the record of the well:

Lewis Hammack No. 1 Well Record (831).

Located on Little Sandy Creek, 1¼ miles north of Jarrett, Elk district. Authority, Prof. John F. Carll. Elevation, 660' A. T. B.

	Thickness Feet.	Total Feet.
Drive pipe	60	60
Slate	130	190
Sandstone, gray	360	550
Slate and shells	175	725
Slate	50	775
Sandstone, white	25	800
Slate and shells	125	925
Sandstone, salt sand	389	1314
Slate and shells	71	1385
Sandstone, white, salt water	55	1440
Limestone	30	1470
Slate	15	1485
Lime	140	1625
Slate	125	1750
Soft slate to bottom	252	2002

"Cased to 1455 feet; little gas and water in Big Lime; dry hole, and well abandoned."

C. L. Stewart No. 1 Well Record (594).

Located in Elk district on Buckner Branch of Little Sandy Creek, 3 miles northeast of Hunt. Authority, United Fuel Gas Company. Completed Sept. 30, 1907. Elevation, 737' A. T. B.

	Thickness Feet.	Total Feet.
Drift	13	13
Red rock	207	220
Shale	160	380