

crosses the Elk-Big Sandy district line, and continues in practically the same course for three miles more through Big Sandy district. Its width is not more than one mile, and at some points not much more than one-half mile.

The records of some of the wells in the pool in Elk district have been given on preceding pages of this volume, and more records of wells in Big Sandy district will be given on succeeding pages.

About one mile east of Villa, on Mill creek, several gas wells have been developed. A few of these records will now be given.

S. S. Staunton No. 1 Well Record (488).

Located in Elk district at mouth of Right Fork of Mill Creek, three-fourths mile east of Villa P. O. Completed, 1912. Authority, Navajo Gas Company. Elevation, 800' E.

	Thickness Feet.	Total Feet.
Unrecorded	658	658
Salt sand	642	1300
Red rock	25	1325
Pencil Cave	3	1328
Little Lime	79	1407
Pencil Cave	3	1410
Unrecorded	30	1440
Big Lime	145	1585
Red rock	40	1625
Unrecorded	25	1650
Sand, Big Injun	90	1740
Black slate	25	1765
Sand, Weir, Squaw	51	1816
Lime, shells	94	1910
Unrecorded	12	1922
Slate to bottom	18	1940

"First show of gas in sand at 1670'; big show of gas at 1734'; good show of oil at 1794'; gas well."

S. S. Staunton No. 3 Well Record (491).

Located in Elk district on Mill Creek, 2 miles east of Villa. Completed, 1912. Authority, Navajo Gas Company. Elevation, 880' E.

	Thickness Feet.	Total Feet.
Unrecorded	20	20
Slate	20	40
Sand	30	70
Slate	30	100

	Thickness Feet.	Total Feet.
Sand	15	115
Coal, Stockton-Lewiston	5	120
Lime	20	140
Slate	20	160
Sand	20	180
Lime	20	200
Shells	45	245
Sand	55	300
Slate	5	305
Sand	35	340
Sand	110	450
Shells	50	500
Sand	15	515
Slate	5	520
Coal, No. 2 Gas	100	620
Sand	10	630
Slate	55	685
Lime shells	300	985
Salt sand	5	990
Slate	240	1230
Second Salt sand	5	1235
Slate, cave	25	1260
Shells	60	1320
Sand	30	1350
Shells	10	1360
Red rock	25	1385
Lime	15	1400
Slate	40	1440
Little Lime	5	1445
Slate	5	1450
Shells	5	1455
Pencil Cave	157	1612
Big Lime, gas at 1535'	13	1625
Sand, Big Injun	10	1635
Red sand	25	1660
Red rock	40	1700
Slate and shells	63	1763
Sand, Squaw to bottom		

"First gas at 1718'; showing gas all through the Squaw sand. A little gas at 360 feet, and also at 640 feet. Water at 215'; hole full of water at 795'; gas in Big Lime at 1535'; little oil at 765'."

S. S. Staunton No. 6 Well Record (492).

Located in Elk district on Mill Creek, 2 miles east of Villa P. O. Completed Sept. 6, 1912. Authority, Navajo Oil Company. Elevation, 890' B.

	Thickness Feet.	Total Feet.
Conductor	15	15
Sand	30	45
Unrecorded	20	65
Coal, No. 5 Block Coal	2	67