



	Thickness Feet.	Total Feet.
Big Lime .....	72	1538
Big Injun sand.....	67	1605
Black lime .....	35	1640
Slate and shells .....	101	1741
Black slate .....	12	1753
Oil sand, Squaw, oil .....	10	1763
Black lime to bottom .....	6	1769

"Oil well. Gas in Salt sand, 910'; water in Salt sand, 915'; pay, from 1753' to 1760'."

The Blue Creek oil field crosses Elk river just west of Walgrove in Elk district, and productive oil and gas wells are found on the north side of the river at that point.

**Jno. E. Hayes No. 1 Well Record (426).**

Located in Elk district, one-fourth mile northeast of Walgrove. Completed July 16, 1912. Authority, United Fuel Gas Company. Elevation, 622' L.

	Thickness Feet.	Total Feet.
Conductor .....	16	16
Loose sand and gravel .....	42	58
Sand .....	87	145
Coal .....	3	148
Sand .....	27	175
Unrecorded .....	635	810
Salt sand .....	390	1200
Unrecorded .....	10	1210
Red rock .....	15	1225
Red rock .....	85	1310
Slate and shells .....	30	1340
Sand, Maxton .....	10	1350
Slate .....	35	1385
Little Lime .....	7	1392
Slate .....	5	1397
Red rock .....	5	1402
Pencil Cave .....	138	1540
Big Lime .....	40	1580
Sand, Big Injun .....	93	1673
Slate and shells .....	22	1695
Sand, Squaw, oil .....		

"Oil well; gas at 1470'; oil and gas at 1675'."

The center of the Blue Creek oil field as now developed, July 1, 1913, extends in a N 42° 30' E course through Elk district for a distance of nearly 6 miles, from a point one-half mile south of the mouth of Indian creek at Walgrove, where it