

## Proposed Community Coverage - Stillwater Class A

### OSUNew

Stillwater, OK A

Latitude: 36-07-46.50 N

Longitude: 097-05-43.40 W

ERP: 1.20 kW

Channel: 202

Frequency: 88.3 MHz

AMSL Height: 331.6 m

HAAT: 33.5 m

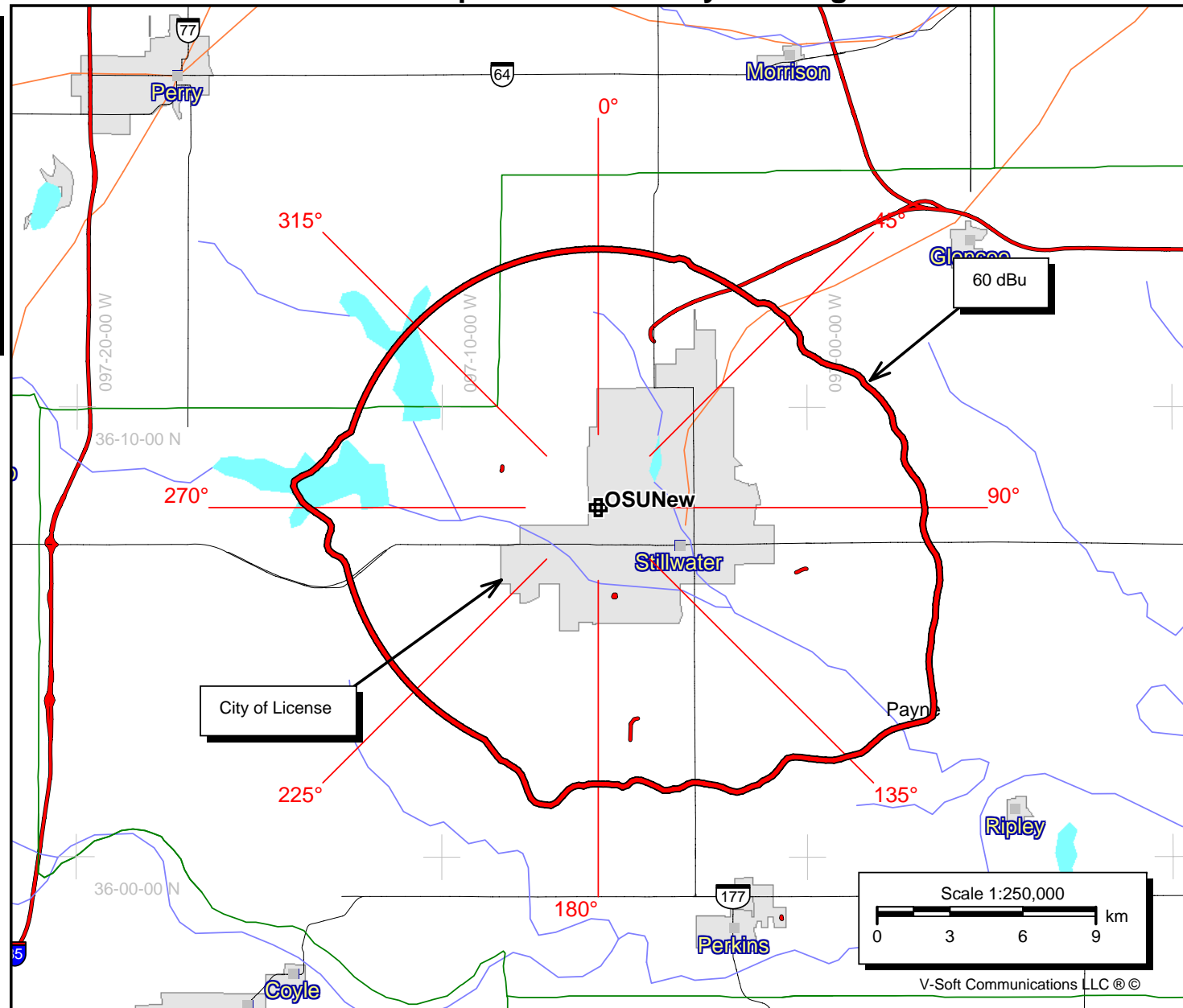
Horiz. Pattern: Omni

Vert. Pattern: No

Pop = 45,722

4/21/2009

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N. Lat. = 360746.5 W. Lng. = 970543.4

HAAT and Distance to Contour

V-Soft 3-16 km, 131 pts Method - USGS 03 SEC

Stillwater - Amendment to BNPED-20071018AFP

Azi. AV EL HAAT ERP kW dBk Field 60-F5

000	311.0	20.6	1.2000	0.79	1.000	10.62
010	304.9	26.7	1.2000	0.79	1.000	10.62
020	300.8	30.8	1.2000	0.79	1.000	10.74
030	304.2	27.4	1.2000	0.79	1.000	10.62
040	299.6	32.0	1.2000	0.79	1.000	10.91
050	299.8	31.8	1.2000	0.79	1.000	10.88
060	295.4	36.2	1.2000	0.79	1.000	11.54
070	288.5	43.1	1.2000	0.79	1.000	12.55
080	286.9	44.7	1.2000	0.79	1.000	12.79
090	282.4	49.2	1.2000	0.79	1.000	13.43
100	276.6	55.0	1.2000	0.79	1.000	14.22
110	273.5	58.1	1.2000	0.79	1.000	14.60
120	262.4	69.2	1.2000	0.79	1.000	15.89
130	270.9	60.7	1.2000	0.79	1.000	14.90
140	281.8	49.8	1.2000	0.79	1.000	13.52
150	284.4	47.2	1.2000	0.79	1.000	13.16
160	291.8	39.8	1.2000	0.79	1.000	12.07
170	295.9	35.7	1.2000	0.79	1.000	11.46
180	296.8	34.8	1.2000	0.79	1.000	11.34
190	289.6	42.0	1.2000	0.79	1.000	12.40
200	297.9	33.7	1.2000	0.79	1.000	11.17
210	304.6	27.0	1.2000	0.79	1.000	10.62
220	304.4	27.2	1.2000	0.79	1.000	10.62
230	319.5	12.1	1.2000	0.79	1.000	10.62
240	318.6	13.0	1.2000	0.79	1.000	10.62
250	310.7	20.9	1.2000	0.79	1.000	10.62
260	298.2	33.4	1.2000	0.79	1.000	11.12
270	292.7	38.9	1.2000	0.79	1.000	11.94
280	296.0	35.6	1.2000	0.79	1.000	11.44
290	304.9	26.7	1.2000	0.79	1.000	10.62
300	312.9	18.7	1.2000	0.79	1.000	10.62
310	305.5	26.1	1.2000	0.79	1.000	10.62
320	314.5	17.1	1.2000	0.79	1.000	10.62
330	322.6	9.0	1.2000	0.79	1.000	10.62
340	317.6	14.0	1.2000	0.79	1.000	10.62
350	315.3	16.3	1.2000	0.79	1.000	10.62

Ave El= 298.15 M HAAT= 33.5 M AMSL= 331.6