

Anderson County, KS  
Well:Zastrow 1I-HP  
Lease Owner: Haas Petroleum

Town Oilfield Service, Inc.  
(913) 837-8400

Commenced Spudding:  
7/1/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
12	Soil-Clay	12
28	Shale	40
27	Lime	67
17	Shale	84
3	Lime	87
3	Shale	90
47	Shale	137
11	Lime	148
9	Shale	157
8	Lime	165
15	Sandy Lime	180
12	Lime	192
6	Shale	198
22	Lime	220
4	Shale	224
22	Lime	246
4	Shale	250
3	Lime	253
6	Sandy Shale	259
16	Shale	275
4	Sand	279
10	Shale	289
7	Sand	296
20	Sandy Shale	316
58	Shale	374
9	Sand	383
7	Sandy Shale	390
29	Shale	419
5	Lime	424
3	Shale	427
8	Lime	435
8	Shale	443
8	Sand	451
4	Sandy Shale	455
8	Shale	463
11	Sand	474
10	Sandy Shale	484
2	Coal	486
3	Shale	489
3	Lime	492





