

Anderson County, KS
Well:Zastrow 22-HP
Lease Owner:Haas

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

Commenced Spudding:
7-25-2013

WELL LOG

Thickness of Strata	Formation	Total Depth
10	soil / clay	10
35	shale	45
27	lime	72
14	shale	86
3	lime	89
3	shale& lime	92
47	shale	139
11	lime	150
7	shale	157
38	lime	195
6	shale	201
22	lime	223
3	shale	226
22	lime	248
4	shale	252
2	lime	254
5	sandy shale	259
20	shale	279
4	sandy shale	283
10	shale	293
9	sandy shale	302
13	sandy shale	315
63	shale	378
7	sandy shale	385
4	sandy shale	389
26	shale	415
2	lime	417
6	shale	423
2	lime	425
3	shale	428
10	lime	438
9	shale	447
6	sand	453
12	sand & shale	465
10	sand	475
8	sandy shale	483
7	shale	490
2	coal	492
2	lime	494
2	shale	496

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3	lime	499
14	shale	513
5	lime	518
23	shale	541
10	lime	551
21	shale	572
2	lime	574
12	shale	586
2	lime	588
11	shale	599
4	sand	603
5	sandy shale	608
39	shale	647
16	sand & sandy shale	663
25	shale	688
2	lime	690
5	shale	695
8	sand	703
1	sand	704
3	sand	707
1	sand	408
1	sand	709
1	sand	710
6	sandy shale	716
8	sand	724
1	broken sand	725
10	sandy shale	735
65	shale	800-TD

