

NOV 13 2012

Deviation Surveys

RECEIVED

Operator	Sandridge	Well	Coogan Fed #2
Contractor	Lariat Ser	Rig #	17

NO	Date	Depth (ft)	Deviation (Deg)
1	8/1/2012	220	0.64
2	8/1/2012	702	1.07
3	8/1/2012	1163	0.22
4	8/1/2012	1598	0.6
5	8/3/2012	2046	0.55
6	8/3/2012	2508	0.59
7	8/3/2012	2942	1.99
8	8/3/2012	3403	0.47
9	8/3/2012	3860	1.46
10	8/4/2012	4354	1.37
11	8/4/2012	4815	1.44
12	8/4/2012	5248	1.98
13	8/4/2012	5710	0.78
14	8/5/2012	6171	1.42
15	8/5/2012	6632	0.86
16	8/5/2012	7093	1.28
17	8/5/2012	7554	1
18	8/6/2012	7893	1.33


 Signature of Authorized Representative

Ross Kirtley, VP Services

Name of Person and Title

Lariat Services, Inc.

Name of Company

