

OFFSET WELL EVALUATIONS

No.	Meet STD	Offset Well API #	Well Name	Nearest Proposed Horizontal Well Name	Shortest Horizontal Distance From Offset Well to any Proposed HZ Well	Offset Well Operator	Spud Date	Offset Well Status	Setting Depth	Base of Fox Hills or Depth of Deepest Water Well	Historical Remedial Work to provide Fox Hills Coverage	Objective Formation Top	Productive Casing Cement Top
1	x	05-123-33518	GUTTERSEN 1N-5HZ	GUTTERSE N STATE DD17-755	1287	NOBLE	07/03/1905	PR	737	662		6914	660
2	x	05-123-20154	GUTTERSEN 23-17	GUTTERSE N STATE DD17-760	113	PDC ENERGY INC	06/22/1905	PR	654	662		6538	6070
3	x	05-123-33514	GUTTERSEN 27N-5HZ	GUTTERSE N STATE DD17-755	1479	NOBLE	07/03/1905	PR	746	658		6756	710
4	x	05-123-33513	GUTTERSEN 2N-5HZ	GUTTERSE N STATE DD17-755	1454	NOBLE	07/03/1905	PR	727	657		6815	1920
5	x	05-123-26345	GUTTERSEN 31-8	GUTTERSE N STATE DD17-755	910	PDC ENERGY INC	06/30/1905	PR	755	672		6625	10
6	x	05-123-26344	GUTTERSEN 32-8	GUTTERSE N STATE DD17-755	911	PDC ENERGY INC	06/30/1905	PR	779	695		6620	406
7	x	05-123-26315	GUTTERSEN 33-8	GUTTERSE N STATE DD17-755	928	PDC ENERGY INC	06/29/1905	PR	751	690		6606	10
8	x	05-123-26300	GUTTERSEN 34-8	GUTTERSE N STATE DD17-755	1014	PDC ENERGY INC	06/29/1905	PR	724	686		6583	10
9	x	05-123-32987	GUTTERSEN 3-5HZ	GUTTERSE N STATE DD17-765	788	NOBLE	07/03/1905	PR	719	663		6772	1940
10	x	05-123-26163	GUTTERSEN 44-6	GUTTERSE N STATE DD08-780	1275	PDC ENERGY INC	06/29/1905	PR	711	609		6563	690
11	x	05-123-32985	GUTTERSEN 4-5HZ	GUTTERSE N STATE DD17-770	791	NOBLE	07/03/1905	PR	722	664		6859	1210
12	x	05-123-39363	Guttersen 8M-423	GUTTERSE N STATE DD17-755	729	PDC ENERGY INC		XX					
13	x	05-123-39367	Guttersen 8Q-201	GUTTERSE N STATE DD17-755	391	PDC ENERGY INC		XX					
14	x	05-123-39360	Guttersen 8R-403	GUTTERSE N STATE DD17-755	1401	PDC ENERGY INC		XX					
15	x	05-123-39366	Guttersen 8T-341	GUTTERSE N STATE DD17-755	1097	PDC ENERGY INC		XX					
16	x	05-123-37982	Guttersen State DD17-78HN	GUTTERSE N STATE DD17-775	329	NOBLE	07/05/1905	PR	838	644		6568	1530
17	x	05-123-38013	Guttersen State DD17-79-1HN	GUTTERSE N STATE DD08-780	404	NOBLE	07/05/1905	PR		644		6747	746
18	x	05-123-38012	Guttersen State DD17-79HN	GUTTERSE N STATE DD08-780	516	NOBLE	07/05/1905	PR		643		6707	1268
19	x	05-123-22910	GUTTERSEN STATE DD8-11	GUTTERSE N STATE DD17-760	23	NOBLE	06/27/1905	PR	677	672		6597	6027
20	x	05-123-22911	GUTTERSEN STATE DD8-13	GUTTERSE N STATE DD08-785	24	NOBLE	06/27/1905	PR	671	643		6622	6005
21	x	05-123-25057	GUTTERSEN USX DD17-19	GUTTERSE N STATE DD17-770	28	NOBLE	06/29/1905	PR	529	646		6539	
22	x	05-123-16097	Spike State DD20-02J	GUTTERSE N STATE DD17-775	1048	NOBLE	06/14/1905	PR	602	659		6532	
23	x	05-123-18400	UPV 05-13J3	GUTTERSE N STATE DD08-785	847	NOBLE	06/16/1905	PR	427	647		6592	

Total Wells:	<u>23</u>
Meets Standard(STD):	<u>23</u>
Needs Evaluation:	<u>0</u>