

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		05-123-07357	BUCHER- STATE 1	DUCLAIR 16 -7HN	502	DAVIS OIL COMPANY	10/10/1971	DA	107	460		6152	
2		05-123-14093	STATE H	DUCLAIR 16 -11HN	31	PETROLEUM ENERGY CORP	10/16/1988	DA	440	442		6880	
3	x	05-123-32812	State 8-60 16-1H	DUCLAIR 16 -7HN	466	NOBLE ENERGY INC	02/15/2011	SI	1054	460		6203	870
4	x	05-123-34824	State 8-60 16-2H	DUCLAIR 16 -1HC	240	NOBLE ENERGY INC	01/03/2012	PR	1111	470		6305	1500
5		05-123-34935	State 8-60 16-3H	DUCLAIR 16 -3HN	51	CHESAPEAKE OPERATING LLC		AL					
6		05-123-34941	State 8-60 16-4H	DUCLAIR 16 -11HN	220	CHESAPEAKE OPERATING LLC		AL					
7		05-123-36421	Hitz 1-9-8-60	DUCLAIR 16 -11HN	145	CARRIZO NIOBRARA LLC		AL					
8		05-123-36422	Hitz 2-9-8-60	DUCLAIR 16 -11HN	155	CARRIZO NIOBRARA LLC		AL					
9		05-123-37101	Hitz 3-9-8-60	DUCLAIR 16 -11HN	183	CARRIZO NIOBRARA LLC		AL					
10		05-123-37163	LEMLEY FEDERAL PC LF 22-68HNX	DUCLAIR 16 -11HN	1373	NOBLE ENERGY INC		AL					
11		05-123-46068	HALE 8-60 22- 23-1	DUCLAIR 16 -11HN	1345	BISON OIL & GAS II LLC		XX	1850				

Total Wells: 11

Meets Standard(STD): 2

Needs Evaluation: 9