

# 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	05-123-05496	DUELL B 1	Cinnamon Teal 35- 16HN	1267	WILLIAMSON INC* LOWELL	04/18/1957	PA	124	480	x	6784	5820
2	x	05-123-13758	FRANK AND JOHN DUELL ET AL 1-A	Cinnamon Teal 35- 16HN	60	TATUM* CHARLES R	12/18/1987	DA	314	480	x	6836	
3		05-123-20170	FRANK 35-15	Cinnamon Teal 35- 11HC	89	DIVERSIFIED OPERATING CORPORATIO N	08/24/2001	DA	444	480		6942	
4	x	05-123-20272	FEDERAL OSPREY 35-3	Cinnamon Teal Fed 35- 7HN	44	FOUNDATION ENERGY MANAGEMENT LLC	07/23/2002	PR	481	480		6842	5675
5		05-123-20902	HOFFMAN 34-1	Cinnamon Teal Fed 35- 1HN	1206	FOUNDATION ENERGY MANAGEMENT LLC	06/06/2002	SI	406	440		6854	
6		05-123-21377	FRANK 35-9	Cinnamon Teal 35- 15HC	50	DIVERSIFIED OPERATING CORPORATIO N	04/28/2003	PA	441	460		6947	
7		05-123-21392	K + E 2-1	Cinnamon Teal 35- 16HN	1245	DIVERSIFIED OPERATING CORPORATIO N	06/28/2003	PA	440	450		6871	
8		05-123-21739	FRANK 35-7	Cinnamon Teal 35- 11HC	20	FOUNDATION ENERGY MANAGEMENT LLC	10/18/2003	PR	452	470		6934	5750
9		05-123-22078	FEDERAL MYNA 35-11	Cinnamon Teal Fed 35- 7HN	80	DIVERSIFIED OPERATING CORPORATIO N	03/19/2005	DA	411	430		6856	
10		05-123-34381	Kobobel 35-44-8 -60	Cinnamon Teal 35- 16HN	390	CARRIZO OIL & GAS INC		AL	1400				
11	x	05-123-34430	HEMBERGER 1- 26-34-8-60	Cinnamon Teal 35- 12HN	652	CARRIZO NIOBRARA LLC	07/25/2012	PR	1410	480		6163	3170
12	x	05-123-34825	Buchner 1-2H	Cinnamon Teal Fed 35- 16HN	848	RED HAWK PETROLEUM LLC	02/13/2012	PR	560	450		6088	688
13	x	05-123-35812	Hemberger 2-26- 34-8-60	Cinnamon Teal Fed 35- 14HN	678	CARRIZO NIOBRARA LLC	10/22/2012	PR	1415	480		6147	1790
14	x	05-123-35814	Hemberger 3-26- 34-8-60	Cinnamon Teal 35- 11HC	224	CARRIZO NIOBRARA LLC	07/14/2012	PR	1440	480		6284	1400
15	x	05-123-37372	Bailey 5-26-8-60	Cinnamon Teal Fed 35- 2HC	673	CARRIZO NIOBRARA LLC	09/06/2013	PR	1414	480		6162	1420
16	x	05-123-37373	Bailey 8-26-8-60	Cinnamon Teal Fed 35- 6HC	666	CARRIZO NIOBRARA LLC	08/06/2013	PR	1432	480		6262	704
17	x	05-123-37812	Bailey 6-26-8-60	Cinnamon Teal Fed 35- 3HN	698	CARRIZO NIOBRARA LLC	08/26/2013	PR	1458	480		6196	1770
18	x	05-123-37813	Bailey 7-26-8-60	Cinnamon Teal Fed 35- 4HN	705	CARRIZO NIOBRARA LLC	08/16/2013	PR	1452	480		6156	1785
19	x	05-123-39277	Hemberger 5-26- 8-60	Cinnamon Teal 35- 16HN	663	CARRIZO NIOBRARA LLC	10/24/2014	PR	1452	480		6236	32
20	x	05-123-39278	Hemberger 6-26- 8-60	Cinnamon Teal 35- 16HN	741	CARRIZO NIOBRARA LLC	10/13/2014	PR	1445	480		6112	480
21	x	05-123-39331	Hemberger 4-26- 8-60	Cinnamon Teal 35- 14HN	706	CARRIZO NIOBRARA LLC	11/02/2014	PR	1451	480		6300	650

22		05-123-39369	Hemberger 10-26-8-60	Cinnamon Teal 35-11HC	718	CARRIZO NIOBRARA LLC		XX	1510				
23		05-123-39371	Hemberger 7-26-8-60	Cinnamon Teal Fed 35-8HN	662	CARRIZO NIOBRARA LLC		XX	1510				
24		05-123-39373	Hemberger 9-26-8-60	Cinnamon Teal Fed 35-8HN	801	CARRIZO NIOBRARA LLC		XX	1510				
25		05-123-39374	Hemberger 8-26-8-60	Cinnamon Teal Fed 35-8HN	686	CARRIZO NIOBRARA LLC		XX	77				
26	x	05-123-39484	Weitzel 1	Cinnamon Teal Fed 35-1HN	490	SELECT ENERGY SERVICES LLC	07/30/2014	DG	660	480		10100	5910
27	x	05-123-39443	HEMBERGER 3-25-8-60	Cinnamon Teal 35-16HN	1471	CARRIZO NIOBRARA LLC	06/28/2014	PR	1477	480		6243	295
28	x	05-123-39444	Hemberger 1-25-8-60	Cinnamon Teal 35-16HN	1214	CARRIZO NIOBRARA LLC	06/07/2014	PR	1488	480		6187	2094
29	x	05-123-39927	Loomis 2-3H	Cinnamon Teal Fed 35-1HN	858	RED HAWK PETROLEUM LLC	09/05/2014	PR	1400	480			
30		05-123-39928	Green 1-1H	Cinnamon Teal 35-16HN	1262	RED HAWK PETROLEUM LLC		XX	1400				
31	x	05-123-39929	Loomis 2-6H	Cinnamon Teal 35-16HN	853	RED HAWK PETROLEUM LLC	09/18/2014	PR	1400	480			
32	x	05-123-39930	Loomis 2-1H	Cinnamon Teal Fed 35-1HN	879	RED HAWK PETROLEUM LLC	08/14/2014	SI	1400	480			
33		05-123-39939	Loomis 2-7H	Cinnamon Teal 35-16HN	862	RED HAWK PETROLEUM LLC		XX	1400				
34		05-123-39940	Loomis 2-12H	Cinnamon Teal 35-16HN	1205	RED HAWK PETROLEUM LLC		XX	1400				
35		05-123-39942	Loomis 2-9H	Cinnamon Teal 35-16HN	875	RED HAWK PETROLEUM LLC		XX	1400				

Total Wells: 35

Meets Standard(STD): 20

Needs Evaluation: 15