

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	05-123-39698	Smith State #LD12-72-1AHN	Cottonwood 07M-0634	827	Noble Energy Inc.	12/12/2014	PR					
2	x	05-123-39695	Mecklenburg State #LD01-72-1AHN	Cottonwood 07M-0634	802	Noble Energy Inc.	10/18/2014	PR	1235	2334		5633	
3		05-123-23302	Maddy #2	Cottonwood 07M-0604	1254	Antelope Energy Company, LLC	10/25/2005	PA	214			6304	5406
4		05-123-19491	Maddy #1	Cottonwood 07M-0604	1028	Antelope Energy Company, LLC	11/15/1997	DA	182			6298	
5	x	05-123-39202	Horsetail 30F-3105	Cottonwood 07M-0604	728	Whiting Oil & Gas Corporation	06/27/2014	PR	1588	1455		5790	72
6	x	05-123-39200	Horsetail 30F-3106	Cottonwood 07M-0604	861	Whiting Oil & Gas Corporation	06/13/2014	PR	1582	1463		5603	0
7	x	05-123-39201	Horsetail 30F-3107	Cottonwood 07M-0604	1091	Whiting Oil & Gas Corporation	07/11/2014	PR	1611	1463		5804	
8	x	05-123-39199	Horsetail 30F-3108	Cottonwood 07M-0604	1362	Whiting Oil & Gas Corporation	07/22/2014	PR	1610	1458		5729	58
9	x	05-123-33752	Pawnee Creek 9 -57-18 1H	Cottonwood 07M-1904	68	Whiting Oil & Gas Corporation	10/23/2011	PR	625			5475	620
10	x	05-123-33666	Pawnee Creek 9 -57-18 1M	Cottonwood 07M-1904	1063	Whiting Oil & Gas Corporation	09/09/2011	AC	667			6179	540
11		05-123-05636	Rauth 1	Cottonwood 07M-1935	64	Kingwood Oil Co.	09/11/1956	DA	135			6312	
12		05-123-11457	KOG Nicola 1	Cottonwood 07M-1934	1021	Kimbarck Oil & Gas Company	11/17/1983	DA	137			5700	
13	x	05-123-17083	Motis 1-6	Cottonwood 07M-0635	53	Whiting Oil & Gas Corporation	06/20/1993	SI	123			6288	0
14		05-123-19445	Motis 2	Cottonwood 07M-0634	938	Whiting Oil & Gas Corporation	09/16/1997	PA	371			6290	4770
15		05-123-05732	Motis 1	Cottonwood 07M-0634	998	J&L Oil Corp	12/23/1964	DA	214			6282	
16	x	05-123-39700	Mecklenburg State #LD01-73-1BHN	Cottonwood 07M-0634	1314	Noble Energy Inc.	11/03/2014	PR	1220	2324		5610	930
17	x	05-123-39703	Smith State #LD12-73-1BHN	Cottonwood 07M-0634	1262	Noble Energy Inc.	12/08/2014	PR	1242	2292		5643	500
18		05-123-05731	Kuhn 1	Cottonwood 07M-0634	1081	J&L Oil Corp	04/06/1965	DA	145			6280	
19	x	05-123-42875	Horsetail 30E-3135	Cottonwood 07M-0635	211	Whiting Oil & Gas Corporation	10/04/2016	DG	2060	1402		5885	0
20	x	05-123-42871	Horsetail 30E-3103	Cottonwood 07M-0603	211	Whiting Oil & Gas Corporation	09/30/2016	DG	2084	1405		5825	0
21	x	05-123-42873	Horsetail 30E-3136	Cottonwood 07M-0636	208	Whiting Oil & Gas Corporation	09/24/2016	DG	2081	1408		5654	0
22	x	05-123-42872	Horsetail 30E-3104	Cottonwood 07M-0604	208	Whiting Oil & Gas Corporation	09/18/2016	DG	2104	1410		5741	65
23	x	05-123-39202	Horsetail 30F-3105	Cottonwood 07M-0604	762	Whiting Oil & Gas Corporation	06/28/2014	PR	1588	1455		5790	72
24		05-123-42876	Horsetail 30E-3138	Cottonwood 07M-0604	517	Whiting Oil & Gas Corporation		XX					
25	x	05-123-39200	Horsetail 30F-3106	Cottonwood 07M-0604	942	Whiting Oil & Gas Corporation	06/17/2014	PR	1582	1463		5603	0

26	x	05-123-43032	Horsetail 30G-3139	Cottonwood 07M-0604	878	Whiting Oil & Gas Corporation	01/05/2017	DG	2098	1400		5801	80
27	x	05-123-39201	Horsetail 30F-3107	Cottonwood 07M-0604	1194	Whiting Oil & Gas Corporation	07/12/2014	PR	1611	1463		5804	1558
28	x	05-123-43042	Horsetail 30F-3140	Cottonwood 07M-0604	1197	Whiting Oil & Gas Corporation	12/30/2016	DG	2065	1400		5489	72
29	x	05-123-39199	Horsetail 30F-3108	Cottonwood 07M-0604	1470	Whiting Oil & Gas Corporation	07/23/2014	PR	1610	1458		5729	58
30		05-123-43412	Cottonwood 07N-0605	Cottonwood 07M-0604	332	Whiting Oil & Gas Corporation		XX					
31		05-123-43421	Cottonwood 07N-0638	Cottonwood 07M-0604	493	Whiting Oil & Gas Corporation		XX					
32		05-123-43415	Cottonwood 07N-0606	Cottonwood 07M-0604	660	Whiting Oil & Gas Corporation		XX					
33		05-123-43417	Cottonwood 07N-0639	Cottonwood 07M-0604	824	Whiting Oil & Gas Corporation		XX					
34		05-123-43422	Cottonwood 07N-0607	Cottonwood 07M-0604	988	Whiting Oil & Gas Corporation		XX					
35		05-123-43424	Cottonwood 07N-0640	Cottonwood 07M-0604	1155	Whiting Oil & Gas Corporation		XX					
36		05-123-43411	Cottonwood 07N-0608	Cottonwood 07M-0604	1320	Whiting Oil & Gas Corporation		XX					
37		05-123-43409	Cottonwood Fed 07N-1905	Cottonwood Fed 07M-1904	330	Whiting Oil & Gas Corporation		XX					
38		05-123-43410	Cottonwood Fed 07N-1938	Cottonwood Fed 07M-1904	495	Whiting Oil & Gas Corporation		XX					
39		05-123-43413	Cottonwood Fed 07N-1906	Cottonwood Fed 07M-1904	660	Whiting Oil & Gas Corporation		XX					
40		05-123-43423	Cottonwood Fed 07N-1939	Cottonwood Fed 07M-1904	825	Whiting Oil & Gas Corporation		XX					
41		05-123-43416	Cottonwood Fed 07N-1907	Cottonwood Fed 07M-1904	990	Whiting Oil & Gas Corporation		XX					
42		05-123-43420	Cottonwood Fed 07N-1940	Cottonwood Fed 07M-1904	1155	Whiting Oil & Gas Corporation		XX					
43		05-123-43418	Cottonwood Fed 07N-1908	Cottonwood Fed 07M-1904	1320	Whiting Oil & Gas Corporation		XX					

Total Wells: 43

Meets Standard(STD): 21

Needs Evaluation: 22