

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	05-123-05656	GOVERNMENT 43-14	RINGO FEDERAL LC23-725	63	UNKNOWN	05/08/1905	DA - 2014	300	1550		5910	6500
2	x	05-123-05669	GOVT 01	RINGO FEDERAL LC23-725	146	TWIN ARROW INC	05/07/1905	PA - 1954	287	1550		5914	2266
3		05-123-07275	STATE 01-16A (NON-OP)	MAGPUL FEDERAL LC21-680	961	MCCULLOCH OIL & GAS CORP	05/24/1905	DA - 1971	230	836		6009	
4		05-123-11665	SW IGO 01 (NON-OP)	MINUTEMEN FEDERAL LC21-620	985	ROCK OIL CORP	06/06/1905	DA - 1984	201	579		6009	
5	x	05-123-33080	CASTOR FEDERAL LC22- 78HN	DIAMONDBA CK FEDERAL LC22-775	234	Noble Energy INC	07/05/1905	PR	657	601		6183	507
6	x	05-123-33082	TIMBRO LC10- 72HN	DUKES FEDERAL LC10-735	611	Noble Energy INC	07/05/1905	PR	665	462		6184	1650
7	x	05-123-33086	TIMBRO LC12- 78HN	JOHNNY FEDERAL LC11-715	833	Noble Energy INC	07/04/1905	PR	753	1550		6015	822
8	x	05-123-33097	TIMBRO LC13- 72HN	WINCHESTE R FEDERAL LC24-720	817	Noble Energy INC	07/04/1905	PR	669	556		5958	1000
9	x	05-123-33166	CASTOR LC25- 72HN	WINCHESTE R FEDERAL LC24-720	1019	Noble Energy INC	07/05/1905	PR	1437	684		6036	1070
10	x	05-123-33231	PTASNIK LC 28- 76HN	MINUTEMEN FEDERAL LC21-615	938	Noble Energy INC	07/04/1905	PR	480	316		6183	1000
11	x	05-123-33238	CASTOR LC25- 72HN	KRAMER FEDERAL LC22-725	913	Noble Energy INC	07/05/1905	PR	1437	1630		6036	1070
12	x	05-123-33267	PTASNIK LC 29- 72HN	MINUTEMEN FEDERAL LC21-615	1452	Noble Energy INC	07/04/1905	PR	663	621		6117	50
13	x	05-123-33330	CASTOR LC25- 72HN	TOMBSTON E FEDERAL LC23-755	1486	Noble Energy INC	07/05/1905	PR	1437	1630		6036	1070
14	x	05-123-34749	WILDHORSE 16 -42H	MAGPUL FEDERAL LC21-680	616	WHITING OIL & GAS CORPORATIO N	07/04/1905	PR	1538	951		6145	110
15	x	05-123-36168	WILDHORSE 16 -1613BH	MAGPUL FEDERAL LC21-680	626	WHITING OIL & GAS CORPORATIO N	07/04/1905	PR	2065	940		6146	120
16	x	05-123-36392	CASTOR FEDERAL LC23- 62HN	EARP FEDERAL LC23-735	113	Noble Energy INC	07/05/1905	PR	673	1550		6061	570
17	x	05-123-36657	TIMBRO LC13- 76HN	BROWNING FEDERAL LC24-775	652	Noble Energy INC	07/05/1905	PR	635	552		5935	680
18	x	05-123-36658	TIMBRO LC13- 75HN	BERETTA FEDERAL LC24-760	641	Noble Energy INC	07/05/1905	PR	636	552		6085	920
19	x	05-123-36659	TIMBRO LC13- 76-1HN	BERETTA FEDERAL LC24-760	650	Noble Energy INC	07/05/1905	PR	638	552		6008	860
20	x	05-123-36660	TIMBRO LC13- 77-1HN	BROWNING FEDERAL LC24-775	555	Noble Energy INC	07/05/1905	PR	552	545		5873	860
21	x	05-123-36678	TIMBRO LC13- 74-1HN	REMINGTO N FEDERAL LC24-740	698	Noble Energy INC	07/05/1905	PR	635	548		5992	1054
22	x	05-123-36680	TIMBRO LC13- 74HN	REMINGTO N FEDERAL LC24-740	685	Noble Energy INC	07/05/1905	PR	634	548		5987	508
23	x	05-123-36681	TIMBRO LC13- 73HN	REMINGTO N FEDERAL LC24-735	688	Noble Energy INC	07/05/1905	PR	635	547		5989	850

24	x	05-123-36683	TIMBRO LC13-75-1HN	REMINGTON FEDERAL LC24-740	686	Noble Energy INC	07/05/1905	PR	630	549		6006	860
25		05-123-37094	PTASNIK FEDERAL LC21-76HN	FREEDOM FEDERAL LC21-630	0	Noble Energy INC				229			
26		05-123-37151	TIMBRO FEDERAL LC 24-72HN	WINCHESTER FEDERAL LC24-720	38	Noble Energy INC				155			
27		05-123-37857	TIMBRO FEDERAL LC14-73-1HN	RINGO FEDERAL LC23-725	159	Noble Energy INC				1550			
28		05-123-37903	REMINGTON FEDERAL LC15-77HN	RATTLESNAKE FEDERAL LC10-770	195	Noble Energy INC				320			
29		05-123-37904	REMINGTON FEDERAL LC15-78HN	RATTLESNAKE FEDERAL LC10-785	250	Noble Energy INC				320			
30		05-123-37905	REMINGTON FEDERAL LC15-76HN	MOSSBERG FEDERAL LC10-765	143	Noble Energy INC				320			
31	x	05-123-38603	CUTTHROAT LC28-72HNB	MINUTEMEN FEDERAL LC21-615	989	Noble Energy INC	07/06/1905	PR	623	320		6104	475
32	x	05-123-38604	CUTTHROAT LC28-73HNB	MINUTEMEN FEDERAL LC21-615	996	Noble Energy INC	07/06/1905	PR	624	320		6017	685
33	x	05-123-38615	RAINBOW LC28-73-1HNA	MINUTEMEN FEDERAL LC21-615	992	Noble Energy INC	07/06/1905	PR	657	328		6114	1000
34	x	05-123-38618	TINA LC29-73-1HNA	MINUTEMEN FEDERAL LC21-615	1400	Noble Energy INC	07/06/1905	PR	635	501		6181	480
35	x	05-123-38619	RICO LC29-72-1HNA	MINUTEMEN FEDERAL LC21-615	1198	Noble Energy INC	07/06/1905	PR	617	573		6339	1150
36	x	05-123-38844	BROOK LC28-74-1AHNC	MINUTEMEN FEDERAL LC21-615	984	Noble Energy INC	07/06/1905	PR	622	473		5990	1050
37	x	05-123-38845	BROOK LC28-75-1BHNC	MINUTEMEN FEDERAL LC21-615	989	Noble Energy INC	07/06/1905	PR	619	473		6006	1160
38	x	05-123-38846	CUTTHROAT LC28-78HNB	MINUTEMEN FEDERAL LC21-615	976	Noble Energy INC	07/06/1905	PR	618	320		6182	310
39	x	05-123-38847	RAINBOW LC28-74HNA	MINUTEMEN FEDERAL LC21-615	955	Noble Energy INC	07/06/1905	PR	612	328		6161	275
40	x	05-123-38848	RAINBOW LC28-78-1HNA	MINUTEMEN FEDERAL LC21-615	966	Noble Energy INC	07/06/1905	PR	630	549		6234	890
41	x	05-123-38849	RAINBOW LC28-74-1HNA	MINUTEMEN FEDERAL LC21-615	984	Noble Energy INC	07/06/1905	PR	617	328		6069	1050
42		05-123-38850	BROOK LC28-79-1AHNC	MINUTEMEN FEDERAL LC21-615	1006	Noble Energy INC				229			
43	x	05-123-38851	CUTTHROAT LC28-77HNB	MINUTEMEN FEDERAL LC21-615	971	Noble Energy INC	07/06/1905	PR	630	320		6108	880
44	x	05-123-38852	CUTTHROAT LC28-75-1AHNB	MINUTEMEN FEDERAL LC21-615	987	Noble Energy INC	07/06/1905	PR	650	320		6104	650
45	x	05-123-38853	RAINBOW LC28-79-1HNA	MINUTEMEN FEDERAL LC21-615	974	Noble Energy INC	07/06/1905	PR	629	549		6201	965
46	x	05-123-38854	RAINBOW LC28-76-1BHNA	MINUTEMEN FEDERAL LC21-615	987	Noble Energy INC	07/06/1905	PR	629	549		6138	1725
47	x	05-123-38855	CUTTHROAT LC28-79HNB	MINUTEMEN FEDERAL LC21-615	1068	Noble Energy INC	07/06/1905	PR	634	320		6232	590
48	x	05-123-38856	BROOK LC28-77-1HNA	MINUTEMEN FEDERAL LC21-615	968	Noble Energy INC	07/06/1905	PR	636	356		6196	6259
49		05-123-38857	BROOK LC28-78-1AHNC	MINUTEMEN FEDERAL LC21-615	973	Noble Energy INC				229			

50	x	05-123-40454	TIMBRO RANCH 2-3-9-59 (NON-OP)	DUKES FEDERAL LC10-745	1060	CARRIZO NIOBRARA LLC	07/06/1905	DG		320			
51	x	05-123-40455	TIMBRO RANCH 1-3-9-59 (NON-OP)	DUKES FEDERAL LC10-745	1017	CARRIZO NIOBRARA LLC	07/06/1905	DG		320			
52	x	05-123-40572	NOCO LC25-740	REMINGTON FEDERAL LC24-740	645	Noble Energy INC				155			
53	x	05-123-40574	NOCO LC25-730	REMINGTON FEDERAL LC24-735	642	Noble Energy INC				155			
54	x	05-123-40582	KRAIG LC25-770	BERETTA FEDERAL LC24-765	730	Noble Energy INC				155			
55	x	05-123-40584	KRAIG LC25-780	BERETTA FEDERAL LC24-765	1221	Noble Energy INC				155			
56	x	05-123-40593	HALEY LC27-711	KRAMER FEDERAL LC22-720	577	Noble Energy INC				1630			
57	x	05-123-40597	HALEY LC27-715	KRAMER FEDERAL LC22-720	562	Noble Energy INC				1630			
58	x	05-123-40600	HALEY LC27-735	HAZZARD FEDERAL LC22-740	614	Noble Energy INC				320			
59	x	05-123-40601	HALEY LC27-745	BENELLI FEDERAL LC22-755	687	Noble Energy INC				320			
60	x	05-123-40631	CHRISTINE LC27-765	BENELLI FEDERAL LC22-765	640	Noble Energy INC				320			
61	x	05-123-40640	JESSICA LC27-775	DIAMONDBACK FEDERAL LC22-775	634	Noble Energy INC				320			
62	x	05-123-40641	CHRISTINE LC27-755	BENELLI FEDERAL LC22-760	619	Noble Energy INC				320			
63	x	05-123-40642	JESSICA LC27-785	MINUTEMEN FEDERAL LC21-615	855	Noble Energy INC				229			
64		05-123-40659	JD LC26-780	KRAMER FEDERAL LC22-720	1043	Noble Energy INC				1630			
65		05-123-40662	JD LC26-770	HOLLIDAY FEDERAL LC23-775	1166	Noble Energy INC				1630			
66		05-123-40673	KERRI LC26-760	TOMBSTONE FEDERAL LC23-765	1167	Noble Energy INC				1630			
67	x	05-123-40675	TODD LC25-760	BERETTA FEDERAL LC24-760	660	Noble Energy INC				155			
68	x	05-123-40676	TODD LC25-750	BERETTA FEDERAL LC24-755	633	Noble Energy INC				155			
69		05-123-40679	WILDHORSE 02-0244H	JOHNNY FEDERAL LC11-720	1040	WHITING OIL & GAS CORPORATION				1550			
70		05-123-40680	WILDHORSE 02-0234H	JOHNNY FEDERAL LC11-725	1288	WHITING OIL & GAS CORPORATION				1550			
71	x	05-123-40681	KEVIN LC26-735	EARP FEDERAL LC23-740	1164	Noble Energy INC				1550			
72	x	05-123-40682	KEVIN LC26-728	EARP FEDERAL LC23-735	1152	Noble Energy INC				1550			
73	x	05-123-40684	KEVIN LC26-748	TOMBSTONE FEDERAL LC23-755	1178	Noble Energy INC				1630			
74	x	05-123-40685	KEVIN LC26-742	EARP FEDERAL LC23-745	1177	Noble Energy INC				1550			
75	x	05-123-40689	GLEASON LC26-720	RINGO FEDERAL LC23-725	1192	Noble Energy INC				1550			

76	x	05-123-40690	GLEASON LC26-713	RINGO FEDERAL LC23-720	1137	Noble Energy INC				1550			
77		05-123-40854	WASHINGTON LC12-775	JOHNNY FEDERAL LC11-715	1321	Noble Energy INC				1550			

Total Wells: 77

Meets Standard(STD): 61

Needs Evaluation: 16