

## 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	05-123-29264	BASHOR STATE AA16-16	WELLS RANCH AA22-688	927	NOBLE ENERGY INC	06/30/1905	CN	605	450		6567	1500
2		05-123-14540	State Lease 6524 41-28	WELLS RANCH AA22-612	1222	NOBLE ENERGY INC	06/12/1905	PA	302	468		6523	6139
3		05-123-18633	UPV 27-04G3	WELLS RANCH AA22-612	806	NOBLE ENERGY INC	06/16/1905	PA	424	424		6505	5868
4		05-123-22335	WELLS RANCH 14-15	WELLS RANCH AA22-688	864	PDC ENERGY INC	06/26/1905	CN	537	450		6446	2750
5		05-123-27318	WELLS RANCH 23-22	WELLS RANCH AA22-636	166	PDC ENERGY INC	06/29/1905	CN	500	446		6541	680
6		05-123-23142	WELLS RANCH 24-15	WELLS RANCH AA22-688	1016	PDC ENERGY INC	06/27/1905	C	539	450		6462	2914
7	x	05-123-27317	WELLS RANCH 24-22	WELLS RANCH AA22-617	152	PDC ENERGY INC	06/28/1905	C	498	466		6553	10
8		05-123-27316	WELLS RANCH 33-22	WELLS RANCH AA22-636	201	PDC ENERGY INC	06/29/1905	CN	500	443		6489	755
9		05-123-23140	WELLS RANCH 34-15	WELLS RANCH AA22-688	1022	PDC ENERGY INC	06/27/1905	C	544	450		6442	2420
10		05-123-27315	WELLS RANCH 34-22	WELLS RANCH AA22-617	208	PDC ENERGY INC	06/29/1905	C	499	454		6503	500
11		05-123-27314	WELLS RANCH 43-22	WELLS RANCH AA22-636	270	PDC ENERGY INC	06/29/1905	C	501	471		6525	930
12		05-123-23138	WELLS RANCH 44-15	WELLS RANCH AA22-688	1005	PDC ENERGY INC	06/27/1905	CN	542	450		6476	2178
13		05-123-27313	WELLS RANCH 44-22	WELLS RANCH AA22-617	209	PDC ENERGY INC	06/29/1905	CN	500	461		6566	660
14	x	05-123-35527	WELLS RANCH AA14-62-1HN	WELLS RANCH AA22-688	469	NOBLE ENERGY INC	07/04/1905	N		450		6697	530
15	x	05-123-35524	WELLS RANCH AA14-63-1HN	WELLS RANCH AA22-688	1141	NOBLE ENERGY INC	07/04/1905	N	709	450		6590	684
16	x	05-123-35526	WELLS RANCH AA14-64-1HN	WELLS RANCH AA22-688	1377	NOBLE ENERGY INC	07/04/1905	N		450		6654	691
17	x	05-123-35525	WELLS RANCH AA14-65-1HN	WELLS RANCH AA22-688	1424	NOBLE ENERGY INC	07/04/1905	N	712	450		6770	1100
18	x	05-123-26815	WELLS RANCH AA21-01	WELLS RANCH AA22-670	1085	NOBLE ENERGY INC	06/30/1905	CN	536	450		6466	1685
19	x	05-123-26816	WELLS RANCH AA21-08	WELLS RANCH AA22-657	966	NOBLE ENERGY INC	06/30/1905	CN	580	450		6499	1374
20	x	05-123-26809	WELLS RANCH AA21-09	WELLS RANCH AA22-650	824	NOBLE ENERGY INC	06/30/1905	CN	581	413		6484	1579
21	x	05-123-26808	WELLS RANCH AA21-16	WELLS RANCH AA22-617	814	NOBLE ENERGY INC	06/30/1905	CN	568	422		6484	1450
22	x	05-123-37597	Wells Ranch AA21-63-1HN	WELLS RANCH AA22-636	904	NOBLE ENERGY INC	07/06/1905	N		433		6601	1208
23	x	05-123-37600	Wells Ranch AA21-63HN	WELLS RANCH AA22-612	588	NOBLE ENERGY INC	07/06/1905	N	952	433		6608	865

24	x	05-123-37596	Wells Ranch AA21-64-1HN	WELLS RANCH AA22-636	406	NOBLE ENERGY INC	07/06/1905	N		434		6724	670
25	x	05-123-37599	Wells Ranch AA21-65-1HN	WELLS RANCH AA22-612	677	NOBLE ENERGY INC	07/06/1905	N	960	434		6731	1216
26	x	05-123-37810	Wells Ranch AA21-65HN	WELLS RANCH AA22-683	748	NOBLE ENERGY INC	07/05/1905	N	924	450		6645	1105
27	x	05-123-37712	Wells Ranch AA21-66-1HN	WELLS RANCH AA22-683	712	NOBLE ENERGY INC	07/06/1905	N		450		6641	1170
28	x	05-123-37724	Wells Ranch AA21-67-1HN	WELLS RANCH AA22-683	680	NOBLE ENERGY INC	07/06/1905	N	960	450		6586	673
29	x	05-123-37741	Wells Ranch AA21-67HN	WELLS RANCH AA22-688	333	NOBLE ENERGY INC	07/06/1905	N		450		6603	640
30	x	05-123-37701	WELLS RANCH AA21-68-1HC	WELLS RANCH AA22-674	1045	NOBLE ENERGY INC	07/06/1905	N		450		6601	1275
31	x	05-123-35335	WELLS RANCH AA24-62-1HN	WELLS RANCH AA22-617	977	NOBLE ENERGY INC	07/04/1905	N	620	511		6903	705
32	x	05-123-35336	WELLS RANCH AA24-62HN	WELLS RANCH AA22-617	956	NOBLE ENERGY INC	07/04/1905	N	621	512		6835	780
33	x	05-123-35332	WELLS RANCH AA24-63-1HN	WELLS RANCH AA22-617	1106	NOBLE ENERGY INC	07/04/1905	N	624	512		6764	410
34	x	05-123-35331	WELLS RANCH AA24-63HN	WELLS RANCH AA22-617	1190	NOBLE ENERGY INC	07/04/1905	N	614	513		6670	1804
35	x	05-123-35329	WELLS RANCH AA24-64-1HN	WELLS RANCH AA22-617	1190	NOBLE ENERGY INC	07/04/1905	N	628	514		6667	1803
36	x	05-123-35330	WELLS RANCH AA24-64HN	WELLS RANCH AA22-617	1214	NOBLE ENERGY INC	07/04/1905	N		514		6697	585
37	x	05-123-25378	WELLS RANCH AA26-01	WELLS RANCH AA22-617	1000	NOBLE ENERGY INC	06/30/1905	CN	618	506		6536	1506
38	x	05-123-25376	WELLS RANCH AA26-02	WELLS RANCH AA22-617	1004	NOBLE ENERGY INC	06/30/1905	CN		516		6550	2167
39	x	05-123-25379	WELLS RANCH AA26-03	WELLS RANCH AA22-617	1116	NOBLE ENERGY INC	06/30/1905	N	604	513		6578	2140
40	x	05-123-25382	WELLS RANCH AA26-04	WELLS RANCH AA22-612	740	NOBLE ENERGY INC	06/30/1905	CN	583	499		6610	2070
41	x	05-123-34524	WELLS RANCH AA26-68-1HN	WELLS RANCH AA22-612	1194	NOBLE ENERGY INC	07/04/1905	N		505		6553	1110
42	x	05-123-34528	WELLS RANCH AA26-69HN	WELLS RANCH AA22-612	383	NOBLE ENERGY INC	07/04/1905	N		455		6753	24
43	x	05-123-39894	Wells Ranch AE19-685	WELLS RANCH AA22-688	1493	NOBLE ENERGY INC	07/06/1905	WOC	738	518		6578	450
44	x	05-123-39895	Wells Ranch AE19-689	WELLS RANCH AA22-688	1451	NOBLE ENERGY INC	07/06/1905	WOC	759	519		6610	750
45	x	05-123-32253	Wells Ranch PC AA22-01	WELLS RANCH AA22-683	173	NOBLE ENERGY INC	07/03/1905	CN	532	450		6510	2210
46	x	05-123-32250	Wells Ranch PC AA22-02	WELLS RANCH AA22-683	166	NOBLE ENERGY INC	07/03/1905	CN		450		6472	1270
47	x	05-123-31895	WELLS RANCH PC AA22-03	WELLS RANCH AA22-674	219	NOBLE ENERGY INC	07/03/1905	CN	657	450		6461	1821
48	x	05-123-31894	WELLS RANCH PC AA22-04	WELLS RANCH AA22-683	192	NOBLE ENERGY INC	07/03/1905	PA	647	450		6465	1945
49	x	05-123-31896	WELLS RANCH PC AA22-05	WELLS RANCH AA22-657	204	NOBLE ENERGY INC	07/03/1905	CN	643	450		6510	1672
50	x	05-123-31950	WELLS RANCH PC AA22-06	WELLS RANCH AA22-657	174	NOBLE ENERGY INC	07/03/1905	CN	652	450		6489	1942

51	x	05-123-32252	Wells Ranch PC AA22-07	WELLS RANCH AA22-665	216	NOBLE ENERGY INC	07/03/1905	CN	604	450		6555	1300
52	x	05-123-32239	Wells Ranch PC AA22-08	WELLS RANCH AA22-657	223	NOBLE ENERGY INC	07/03/1905	CN	532	450		6481	2206
53	x	05-123-29098	Wells Ranch PC AA22-13	WELLS RANCH AA22-625	206	NOBLE ENERGY INC	07/03/1905	CN		448		6556	1810
54	x	05-123-37169	WELLS RANCH PC USX AA23-69-1HN	WELLS RANCH AA22-688	236	NOBLE ENERGY INC	07/05/1905	N		442		6667	554
55	x	05-123-31155	Wells Ranch State 28R	WELLS RANCH AA22-612	1488	PDC ENERGY INC	07/02/1905	CN	532	443		6522	450
56	x	05-123-28087	Wells Ranch State 41-28	WELLS RANCH AA22-612	1221	PDC ENERGY INC	07/02/1905	CN	520	463		6518	14
57	x	05-123-37598	Wells Ranch State AA21-62-1HN	WELLS RANCH AA22-612	948	NOBLE ENERGY INC	07/06/1905	N	960	434		6654	800
58	x	05-123-37702	Wells Ranch State AA21-69-1HN	WELLS RANCH AA22-674	1159	NOBLE ENERGY INC	07/06/1905	N	953	450		6758	1580
59	x	05-123-37717	Wells Ranch State AA27-79HN	WELLS RANCH AA22-636	363	NOBLE ENERGY INC	07/05/1905	N		428		6628	606
60	x	05-123-38140	Wells Ranch State AA28-69HN	WELLS RANCH AA22-612	923	NOBLE ENERGY INC	07/05/1905	N		434		6702	746
61	x	05-123-36156	Wells Ranch State PC USX AA16-62-1HNL	WELLS RANCH AA22-688	455	NOBLE ENERGY INC	07/05/1905	N		450		6632	330
62	x	05-123-36157	Wells Ranch State USX AA16-63-1HNL	WELLS RANCH AA22-688	860	NOBLE ENERGY INC	07/05/1905	N		450		6613	554
63	x	05-123-29493	WELLS RANCH USX AA23-01	WELLS RANCH AA22-688	1188	NOBLE ENERGY INC	07/01/1905	CN	597	450		6468	1210
64	x	05-123-25803	WELLS RANCH USX AA23-02	WELLS RANCH AA22-688	491	NOBLE ENERGY INC	06/30/1905	CN	539	454		6488	1580
65	x	05-123-29494	WELLS RANCH USX AA23-03	WELLS RANCH AA22-688	519	NOBLE ENERGY INC	07/01/1905	CN		450		6470	1143
66	x	05-123-25809	WELLS RANCH USX AA23-04	WELLS RANCH AA22-683	279	NOBLE ENERGY INC	06/30/1905	CN	521	450		6502	1560
67	x	05-123-29492	WELLS RANCH USX AA23-05	WELLS RANCH AA22-657	360	NOBLE ENERGY INC	07/01/1905	CN		464		6505	890
68		05-123-27048	WELLS RANCH USX AA23-11	WELLS RANCH AA22-617	1121	NOBLE ENERGY INC	06/29/1905	PA	436	437		6509	2170
69	x	05-123-25724	WELLS RANCH USX AA23-12	WELLS RANCH AA22-636	492	NOBLE ENERGY INC	06/30/1905	CN	560	477		6524	2000
70	x	05-123-29490	WELLS RANCH USX AA23-13	WELLS RANCH AA22-617	199	NOBLE ENERGY INC	07/01/1905	CN		494		6530	974
71	x	05-123-25725	WELLS RANCH USX AA23-14	WELLS RANCH AA22-617	180	NOBLE ENERGY INC	06/30/1905	CN	603	494		6539	1970
72	x	05-123-29489	WELLS RANCH USX AA23-15	WELLS RANCH AA22-617	295	NOBLE ENERGY INC	07/01/1905	CN		492		6543	162
73	x	05-123-25802	WELLS RANCH USX AA23-16	WELLS RANCH AA22-617	154	NOBLE ENERGY INC	06/30/1905	CN	602	493		6514	1603
74		05-123-27347	WELLS RANCH USX AA23-25	WELLS RANCH AA22-617	767	NOBLE ENERGY INC	06/29/1905	CN	485	430		6503	2904
75		05-123-36883	Wells Ranch USX AA23-62-1HN	WELLS RANCH AA22-617	137	NOBLE ENERGY INC		XX					
76	x	05-123-36885	WELLS RANCH USX AA23-63-1HN	WELLS RANCH AA22-625	305	NOBLE ENERGY INC	07/05/1905	N		521		6720	880
77	x	05-123-36884	Wells Ranch USX AA23-63HN	WELLS RANCH AA22-617	807	NOBLE ENERGY INC	07/05/1905	N		520		6729	1152

78	x	05-123-36882	Wells Ranch USX AA23-64- 1HN	WELLS RANCH AA22-636	315	NOBLE ENERGY INC	07/05/1905	N	629	519		6736	1326
79	x	05-123-37023	WELLS RANCH USX AA23-65- 1HN	WELLS RANCH AA22-645	318	NOBLE ENERGY INC	07/05/1905	N		499		6674	1248
80	x	05-123-37022	WELLS RANCH USX AA23-65HN	WELLS RANCH AA22-650	296	NOBLE ENERGY INC	07/05/1905	N	653	498		6580	1086
81	x	05-123-37024	WELLS RANCH USX AA23-66- 1HN	WELLS RANCH AA22-657	344	NOBLE ENERGY INC	07/05/1905	N		498		6614	1250
82	x	05-123-37021	WELLS RANCH USX AA23-67- 1HN	WELLS RANCH AA22-665	284	NOBLE ENERGY INC	07/05/1905	N		497		6636	1232
83	x	05-123-37172	WELLS RANCH USX AA23-67HN	WELLS RANCH AA22-670	289	NOBLE ENERGY INC	07/05/1905	N		450		6620	140
84	x	05-123-37170	WELLS RANCH USX AA23-68- 1HN	WELLS RANCH AA22-674	297	NOBLE ENERGY INC	07/05/1905	N		450		6637	210
85	x	05-123-34566	Wells Ranch USX AA25-69HN	WELLS RANCH AA22-617	1272	NOBLE ENERGY INC	07/03/1905	N		501		6729	1260
86	x	05-123-29535	WELLS RANCH USX AA27-01	WELLS RANCH AA22-612	778	NOBLE ENERGY INC	07/01/1905	CN	591	487		6523	778
87		05-123-26374	WELLS RANCH USX AA27-03	WELLS RANCH AA22-612	828	NOBLE ENERGY INC	06/29/1905	CN	528	469		6494	2253
88	x	05-123-37139	WELLS RANCH USX AA27-68- 1HN	WELLS RANCH AA22-612	1041	NOBLE ENERGY INC	07/05/1905	N		484		6646	910
89	x	05-123-37138	WELLS RANCH USX AA27-69- 1HN	WELLS RANCH AA22-612	382	NOBLE ENERGY INC	07/05/1905	N		484		6834	2052
90		05-123-25267	WELLS RANCH- USX AA27-02	WELLS RANCH AA22-612	815	NOBLE ENERGY INC	06/29/1905	CN	432	478		6504	1344
91		05-123-25048	WELLS RANCH- USX AA27-17	WELLS RANCH AA22-612	1364	NOBLE ENERGY INC	06/29/1905	CN	450	499		6523	5980
92		05-123-25049	WELLS RANCH- USX AA27-19	WELLS RANCH AA22-612	1499	NOBLE ENERGY INC	06/29/1905	CN	467	454		6504	1987

Total Wells: 92

Meets Standard(STD): 74

Needs Evaluation: 18