

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		05-123-11766	LILIAN 1	WELLS RANCH STATE AA32 -775	174	HIGH SUMMIT OIL & GAS INC	04/18/1984	DA-1984	327	600			
2	x	05-123-13139	SKURICH-ROTHE 41-6	WELLS RANCH STATE AA32 -789	779	PDC ENERGY INC	08/19/1986	PA-2017	316	600		6460	6190
3	x	05-123-14029	STATE 14-32	WELLS RANCH STATE AA32 -783	221	PDC ENERGY INC	08/09/1988	PA-2017	318	600		6470	5780
4		05-123-14081	STATE 23-32	WELLS RANCH STATE AA32 -770	686	PDC ENERGY INC	10/02/1988	SI	313	600		6574	0
5		05-123-14318	J&L FARMS 14-29	WELLS RANCH STATE AA32 -775	177	PDC ENERGY INC	07/10/1989	PA-2017	313	600		6497	0
6	x	05-123-18635	UPV 31-16G3	WELLS RANCH STATE AA32 -789	680	NOBLE ENERGY INC	10/06/1994	PA-2015	451	600		6510	5908
7	x	05-123-18841	UPV 5-4H3	WELLS RANCH STATE AA32 -775	496	NOBLE ENERGY INC	01/03/1995	PA-2017	441	600		6515	5900
8	x	05-123-18859	UPV 5-3H3	WELLS RANCH STATE AA32 -770	771	NOBLE ENERGY INC	07/21/1995	PA-2017	452	600		6543	5728
9		05-123-18869	UPV 31-9G3	WELLS RANCH STATE AA32 -789	872	NOBLE ENERGY INC	02/01/1995	PA-2015	452	600		0	5520
10	x	05-123-19235	STATE 24-32	WELLS RANCH STATE AA32 -770	666	PDC ENERGY INC	11/16/1996	PA-2006	323	600		6452	6044
11		05-123-19435	J & L FARMS 24-29	WELLS RANCH STATE AA32 -770	669	PDC ENERGY INC	10/05/1997	PA-2017	318	600		6468	6070
12		05-123-20060	J&L FARMS 23-29	WELLS RANCH STATE AA32 -770	1094	PDC ENERGY INC	09/29/2000	PR	389	600		6452	3000
13		05-123-20066	STATE 6525 13-32	WELLS RANCH STATE AA32 -783	220	PDC ENERGY INC	02/20/2001	SI	366	600		6434	0
14	x	05-123-20367	STATE 6525 11-32	WELLS RANCH STATE AA32 -775	421	PDC ENERGY INC	09/04/2001	PA-2015	399	600		6476	
15		05-123-20482	J & L FARMS 13-29	WELLS RANCH STATE AA32 -775	88	PDC ENERGY INC	09/15/2001	PA-2016	360	600		6410	2853
16		05-123-20483	J & L FARMS 29B	WELLS RANCH STATE AA32 -770	86	PDC ENERGY INC	09/10/2001	SI	398	600		6416	2808
17		05-123-20501	STATE 6525 21-32	WELLS RANCH STATE AA32 -770	746	PDC ENERGY INC	06/29/2001	PA-2016	360	600		6437	3091
18		05-123-20748	J&L FARMS 22-29	WELLS RANCH STATE AA32 -770	921	PDC ENERGY INC	01/03/2003	PR	650	600		6486	2532

19		05-123-20749	J&L FARMS 12-29	WELLS RANCH STATE AA32 -775	23	PDC ENERGY INC	09/22/2003	SI	675	600		6450	2960
20		05-123-20807	STATE-WELLS 32D	WELLS RANCH STATE AA32 -770	994	PDC ENERGY INC	06/12/2002	PR	668	600		6495	2390
21		05-123-21695	J&L FARMS 21-29	WELLS RANCH STATE AA32 -770	576	PDC ENERGY INC	09/30/2003	PA-2015	363	600		6458	3246
22		05-123-21751	J&L FARMS 11-29	WELLS RANCH STATE AA32 -775	277	PDC ENERGY INC	11/07/2003	PA-2015	671	600		6440	6100
23		05-123-21801	J&L FARMS 32-30	WELLS RANCH STATE AA32 -789	1402	PDC ENERGY INC	11/14/2003	PA-2016	674	600		6460	2465
24		05-123-21807	J&L FARMS 31-30	WELLS RANCH STATE AA32 -789	1198	PDC ENERGY INC	11/20/2003	PA-2016	664	600		6459	2786
25		05-123-22724	WELLS RANCH 41-30	WELLS RANCH STATE AA32 -789	123	PDC ENERGY INC	02/26/2005	PR	764	600		6442	0
26		05-123-22725	WELLS RANCH 43-30	WELLS RANCH STATE AA32 -789	310	PDC ENERGY INC	03/28/2005	PA-2015	678	600		6492	3566
27		05-123-22729	WELLS RANCH 42-30	WELLS RANCH STATE AA32 -789	290	PDC ENERGY INC	03/03/2005	SI	762	600		6460	0
28		05-123-22730	WELLS RANCH 44-30	WELLS RANCH STATE AA32 -789	432	PDC ENERGY INC	04/02/2005	PA-2015	678	600		6485	3034
29		05-123-22774	WELLS RANCH 14-20	WELLS RANCH STATE AA32 -775	528	PDC ENERGY INC	03/18/2005	PA-2018	455	600		6456	2080
30		05-123-23415	WELLS RANCH 42-31	WELLS RANCH STATE AA32 -783	1102	NOBLE ENERGY INC	04/05/2006	PA-2015	676	600		6451	2920
31		05-123-24725	WELLS RANCH-USX AA 19-23	WELLS RANCH STATE AA32 -789	1321	NOBLE ENERGY INC	03/09/2007	SI	802	600		6476	1738
32		05-123-25601	WELLS RANCH 24-20	WELLS RANCH STATE AA32 -770	877	PDC ENERGY INC	01/08/2005	PR	409	600		6450	0
33		05-123-26434	WELL RANCH-USX AA 19-15	WELLS RANCH STATE AA32 -789	1256	NOBLE ENERGY INC	10/29/2007	SI	820	600		6470	2330
34		05-123-26435	WELLS RANCH - USX AA 19-16	WELLS RANCH STATE AA32 -789	657	NOBLE ENERGY INC	11/02/2007	SI	798	600		6510	2278
35	x	05-123-27187	WELLS RANCH USX AA 31-01	WELLS RANCH STATE AA32 -789	845	NOBLE ENERGY INC	11/10/2008	PA-2015	717	600		6494	2170
36	x	05-123-36533	LUCCI STATE B01-69 HNL	WELLS RANCH STATE AA32 -789	583	NOBLE ENERGY INC	03/14/2013	PR	616	600		6631	1880
37	x	05-123-41506	Wells Ranch State A36-635	WELLS RANCH STATE AA32 -789	100	NOBLE ENERGY INC	07/06/2015	PR		600			120
38	x	05-123-41507	Wells Ranch State A36-625	WELLS RANCH STATE AA32 -789	34	NOBLE ENERGY INC	06/26/2015	PR		600		6633	505
39	x	05-123-41508	Wells Ranch State A36-675	WELLS RANCH STATE AA32 -789	647	NOBLE ENERGY INC	06/29/2015	PR		600		6655	387

40	x	05-123-41509	Wells Ranch State A36-665	WELLS RANCH STATE AA32 -789	665	NOBLE ENERGY INC	06/19/2015	PR		600		6669	122
41	x	05-123-41510	Wells Ranch State A36-686	WELLS RANCH STATE AA32 -789	109	NOBLE ENERGY INC	07/06/2015	PR		600			136
42	x	05-123-41514	Wells Ranch State A36-649	WELLS RANCH STATE AA32 -789	103	NOBLE ENERGY INC	07/01/2015	PR	846	600			186
43	x	05-123-41516	Wells Ranch State A36-655	WELLS RANCH STATE AA32 -783	525	NOBLE ENERGY INC	06/20/2015	PR	843	600			188
44	x	05-123-42881	Shadow A26-656	WELLS RANCH STATE AA32 -789	802	NOBLE ENERGY INC	06/03/2016	PR		600			
45	x	05-123-42882	Shadow A26-646	WELLS RANCH STATE AA32 -789	911	NOBLE ENERGY INC	05/12/2016	PR		600			1128
46	x	05-123-42884	Shadow A26-637	WELLS RANCH STATE AA32 -789	1014	NOBLE ENERGY INC	05/20/2016	PR		600			750
47	x	05-123-42885	Shadow A26-663	WELLS RANCH STATE AA32 -789	751	NOBLE ENERGY INC	06/10/2016	PR		600			1288
48		05-123-42886	Shadow A26-651	WELLS RANCH STATE AA32 -789	1162	NOBLE ENERGY INC		XX		600			
49	x	05-123-42887	Shadow A26-632	WELLS RANCH STATE AA32 -789	1041	NOBLE ENERGY INC	05/24/2016	PR	1897	600		6621	1650
50	x	05-123-42888	Shadow A26-676	WELLS RANCH STATE AA32 -789	594	NOBLE ENERGY INC	06/29/2016	PR		600			
51	x	05-123-42889	Shadow A26-672	WELLS RANCH STATE AA32 -789	660	NOBLE ENERGY INC	06/22/2016	PR		600			1105
52	x	05-123-42890	Shadow A26-685	WELLS RANCH STATE AA32 -789	526	NOBLE ENERGY INC	07/07/2016	PR		600			2870
53	x	05-123-42891	Shadow A26-690	WELLS RANCH STATE AA32 -789	476	NOBLE ENERGY INC	07/17/2016	PR		600		6800	1700
54	x	05-123-42918	Shadow A26-627	WELLS RANCH STATE AA32 -789	1128	NOBLE ENERGY INC	05/31/2016	PR	1898	600			1758
55	x	05-123-42919	Shadow A26-622	WELLS RANCH STATE AA32 -789	1182	NOBLE ENERGY INC	05/21/2016	PR		600			1145
56	x	05-123-42920	Shadow State A26-614	WELLS RANCH STATE AA32 -789	1259	NOBLE ENERGY INC	05/04/2016	DG		600			1846
57	x	05-123-42921	Shadow State A26-618	WELLS RANCH STATE AA32 -789	1230	NOBLE ENERGY INC	05/13/2016	PR		600			794
58	x	05-123-43778	Wells Ranch State BB05-665	WELLS RANCH STATE AA32 -770	1332	NOBLE ENERGY INC	04/24/2017	PR		600			4146
59	x	05-123-43779	Wells Ranch State BB05-669	WELLS RANCH STATE AA32 -770	990	NOBLE ENERGY INC	07/17/2017	PR		600			2200
60	x	05-123-43784	Wells Ranch State BB05-690	WELLS RANCH STATE AA32 -770	0	NOBLE ENERGY INC	04/09/2017	PR		600			2250

61	x	05-123-43785	Wells Ranch State BB05-678	WELLS RANCH STATE AA32 -770	669	NOBLE ENERGY INC	04/14/2017	PR		600		1900
62	x	05-123-43797	Wells Ranch State BB05-685	WELLS RANCH STATE AA32 -770	80	NOBLE ENERGY INC	04/05/2017	PR	1915	600		1304
63	x	05-123-45546	Larson AA19- 618	WELLS RANCH STATE AA32 -789	582	NOBLE ENERGY INC	05/12/2018	DG		600		2868
64	x	05-123-45548	Larson AA19- 624	WELLS RANCH STATE AA32 -789	982	NOBLE ENERGY INC	05/01/2018	XX	1933	600		3612
65	x	05-123-45553	Larson AA19- 630	WELLS RANCH STATE AA32 -789	1366	NOBLE ENERGY INC	04/29/2018	DG		600		2760
66		05-123-46999	SLW RANCH STATE BB06- 662	WELLS RANCH STATE AA32 -789	1399	NOBLE ENERGY INC		XX		600		
67		05-123-47000	SLW RANCH STATE BB06- 682	WELLS RANCH STATE AA32 -789	109	NOBLE ENERGY INC		XX		600		
68		05-123-47001	SLW RANCH STATE BB06- 672	WELLS RANCH STATE AA32 -789	745	NOBLE ENERGY INC		XX		600		

Total Wells: 68

Meets Standard(STD): 37

Needs Evaluation: 31