

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	05-123-11862	LOUSTALET 1	SANDIN 24N-321	1426	NOBLE ENERGY INC	06/30/1984	PR	350	88		6589	
2	x	05-123-11892	SCHMIDT 1	SANDIN 24N-321	31	PDC ENERGY INC	07/11/1984	PR	337	158		6574	6108
3	x	05-123-11893	CONQUEST-HOLTON 1-13	SANDIN 24V-341	137	PDC ENERGY INC	07/28/1984	PA	337	151		6571	5944
4	x	05-123-12091	MCCAULEY 1	SANDIN 24C-241	832	NOBLE ENERGY INC	12/04/1984	PR	335	161		6605	6106
5	x	05-123-12099	CONQUEST/HO LTON 8-13	SANDIN 24V-341	102	PDC ENERGY INC	01/05/1999	PA	319	155		6592	6046
6	x	05-123-12653	CELESTE 1-13	SANDIN 24N-241	1385	PDC ENERGY INC	06/16/1999	PA	338	363		6615	6168
7	x	05-123-12747	RILEY 21-13	SANDIN 24N-241	751	PDC ENERGY INC	10/17/1985	PR	298	363		6750	5976
8	x	05-123-12838	LAW 9-12	SANDIN 24C-221	42	PDC ENERGY INC	02/25/1997	PR	325	103		6560	6094
9	x	05-123-12879	LAW (CEI-LAW 1-85) 1	SANDIN 24N-321	107	PDC ENERGY INC	12/12/1985	PR	302	82		6584	5832
10	x	05-123-12887	KEENSBURG 2	SANDIN 24C-221	785	NOBLE ENERGY INC	04/21/1986	PA	318	156		6583	5945
11	x	05-123-13053	DUNN 1 (WICHITA)	SANDIN 24V-401	633	PDC ENERGY INC	04/21/1986	PR	311	103		6582	5812
12	x	05-123-13122	GEISERT 3-12	SANDIN 24N-241	310	SUNSHINE VALLEY PETROLEUM		AL					
13	x	05-123-13398	BRIGHT 1	SANDIN 24V-401	687	PDC ENERGY INC	03/16/1987	PR	307	147		6590	5780
14	x	05-123-13399	BRIGHT 2	SANDIN 24V-401	826	PDC ENERGY INC	04/06/1987	PR	307	150		6590	5780
15	x	05-123-13944	SANDY 1	SANDIN 24N-241	209	PDC ENERGY INC	04/29/1988	PR	312	82		6604	5972
16	x	05-123-14099	YAKLICH-PM F 12-3	SANDIN 24N-241	255	NOBLE ENERGY INC	02/07/1989	PR	312	82		6626	6060
17	x	05-123-14136	BH 1	SANDIN 24V-401	634	PDC ENERGY INC	01/05/1991	PR	313	152		6583	5776
18	x	05-123-14179	LAW 44-12	SANDIN 24C-221	43	PDC ENERGY INC	01/12/1989	PR	334	103		6596	0
19	x	05-123-14760	YAKLICH F12-6	SANDIN 24N-241	425	NOBLE ENERGY INC	10/02/1990	PR	304	82		6908	3475
20	x	05-123-14793	HOSHIKO 5	SANDIN 24N-321	51	MERIT ENERGY COMPANY	01/22/1991	PA	285	159		6614	6180
21	x	05-123-14794	HOSHIKO 4	SANDIN 24C-221	74	PDC ENERGY INC	01/15/1991	PA	316	156		6624	6130
22	x	05-123-15494	WATTERS 13-14B	SANDIN 24N-241	130	PDC ENERGY INC	01/14/1992	PR	518	363		6609	5834
23	x	05-123-17456	WATTERS 13-10B	SANDIN 24N-321	94	SNYDER OIL CORP		AL					
24	x	05-123-17457	HOP 13-11B	SANDIN 24N-241	82	PDC ENERGY INC	11/04/1993	PR	511	363		6606	6106
25	x	05-123-17458	WATTERS 13-9B	SANDIN 24C-221	73	PDC ENERGY INC	10/05/1993	PR	509	155		6600	6100
26	x	05-123-17518	WATTERS 13-10B	SANDIN 24C-321	8	PDC ENERGY INC	10/22/1993	PA	510	157		6966	4622
27	x	05-123-18174	DPG BIRD FARM 1-15H5	SANDIN 24C-241	652	NOBLE ENERGY INC	05/19/1994	PR	460	165		6590	6085
28	x	05-123-18176	DPG BIRD FARM 1-16H5	SANDIN 24C-221	861	NOBLE ENERGY INC	05/20/1994	PR	456	165		6605	
29	x	05-123-18188	DPG BIRD FARM 1-14H5	SANDIN 24N-241	993	NOBLE ENERGY INC	06/01/1994	PR	465	263		6607	6107
30	x	05-123-18251	DPG BIRD FARM 12-1H5	SANDIN 24C-221	144	NOBLE ENERGY INC	05/13/1994	PR	448	165		6578	
31	x	05-123-18534	DPG BIRD FARMS 1-13H5	SANDIN 24N-241	916	SNYDER OIL CORP		DA	416	263			
32	x	05-123-18535	DPG BIRD FARM 2-16H5	SANDIN 24N-241	937	SNYDER OIL CORP		AL					

33	x	05-123-19284	DUNN 13-7	SANDIN 24V-401	540	PDC ENERGY INC	01/22/1997	PA	378	103		6570	6076
34	x	05-123-19286	LAW 34-12	SANDIN 24N-321	70	PDC ENERGY INC	01/19/1997	PR	371	82		6600	6266
35	x	05-123-19287	SCHMIDT 32-13	SANDIN 24C-241	107	PDC ENERGY INC	01/14/1997	PR	371	158		6600	6200
36	x	05-123-19459	LOUSTALET 42-12	SANDIN 24C-221	47	PDC ENERGY INC	12/12/1997	PA	362	103		6600	6256
37	x	05-123-19463	MITANI 14-6	SANDIN 24V-401	1142	BAYSWATER EXPLORATION AND PRODUCTION LLC	12/06/1997	PR	409	165		6572	6156
38	x	05-123-20240	HOWARD 14-18	SANDIN 24V-401	614	PDC ENERGY INC	09/21/2002	PR	398	150		6598	2728
39	x	05-123-20273	LOUSTALET 12-34	SANDIN 24N-241	101	NOBLE ENERGY INC	03/09/2001	PR	365	110		6614	6122
40	x	05-123-20284	BOSCH 13-24	SANDIN 24N-241	389	NOBLE ENERGY INC	05/16/2001	PR	367	363		6612	6115
41	x	05-123-20476	BRIGHT/DUNN 18D	SANDIN 24V-401	1435	PDC ENERGY INC	06/19/2001	PA	364	145		6536	3324
42	x	05-123-20685	DEJONG 3-24	SANDIN 24N-241	842	NOBLE ENERGY INC	04/13/2003	PR	702	162		6620	6070
43	x	05-123-21189	LOUSTALET 32-12	SANDIN 24N-321	39	PDC ENERGY INC	03/01/2005	PR	378	103		6608	2800
44	x	05-123-21724	KLEIN 5-7	SANDIN 24V-401	712	KERR MCGEE OIL GAS ONSHORE LP		AL					
45	x	05-123-21808	KLEIN USX B 19-04	SANDIN 24V-401	1217	NOBLE ENERGY INC	03/15/2005	PR	542	151		6578	6200
46	x	05-123-24575	RILEY 5	SANDIN 24N-241	955	PDC ENERGY INC	04/03/2007	PR	479	363		6747	170
47	x	05-123-25311	DUNN 7B	SANDIN 24V-401	1395	PDC ENERGY INC		AL					
48	x	05-123-25875	DPG F1-23	SANDIN 24C-301	1362	NOBLE ENERGY INC	08/09/2008	PR	437	165		6490	1462
49	x	05-123-27169	DPG F 1-24	SANDIN 24N-221	1172	NOBLE ENERGY INC	08/20/2008	PR	529	165		6616	1740
50	x	05-123-28053	DPG F 12-28	SANDIN 24N-301	272	NOBLE ENERGY INC	09/25/2008	PR	490	165		6593	1310
51	x	05-123-29084	DPG F 12-27	SANDIN 24C-201	16	NOBLE ENERGY INC	12/23/2008	DA		165			
52	x	05-123-29250	DPG F 12-18	SANDIN 24N-301	40	NOBLE ENERGY INC	12/17/2008	PR	468	82		6595	1058
53	x	05-123-29466	DPG F 12-29	SANDIN 24N-241	1006	NOBLE ENERGY INC		AL					
54	x	05-123-29785	DPG F 12-27X	SANDIN 24C-201	9	NOBLE ENERGY INC	12/28/2008	PR	520	165		6584	1539
55	x	05-123-29786	DPG F 12-17	SANDIN 24C-201	22	NOBLE ENERGY INC	12/14/2009	PR	549	103		6569	1460
56	x	05-123-30618	HOP F 13-25	SANDIN 24N-241	1089	PDC ENERGY INC	11/20/2009	PR	501	363		6627	1209
57	x	05-123-30635	HOP F 13-24D	SANDIN 24N-241	177	NOBLE ENERGY INC		AL					
58	x	05-123-32645	KLEIN B19-29D	SANDIN 24V-401	1283	NOBLE ENERGY INC		AL					
59	x	05-123-33227	MCCAULEY B 19-31D	SANDIN 24V-401	838	NOBLE ENERGY INC		AL					
60	x	05-123-33228	MCCAULEY B 19-30D	SANDIN 24V-401	812	NOBLE ENERGY INC		AL					
61	x	05-123-42900	CECILS KERSEY FARM 17K-334	SANDIN 24V-401	302	PDC ENERGY INC		XX					
62	x	05-123-42901	CECILS KERSEY FARM 17K-204	SANDIN 24V-401	297	PDC ENERGY INC		XX					
63	x	05-123-42904	CECILS KERSEY FARM 17K-404	SANDIN 24V-401	299	PDC ENERGY INC		XX					
64	x	05-123-43090	SCHAUMBERG 17G-314	SANDIN 24V-401	191	PDC ENERGY INC	07/24/2016	XX					
65	x	05-123-43091	SCHAUMBERG 17F-204	SANDIN 24V-401	246	PDC ENERGY INC	07/12/2016	XX					
66	x	05-123-43092	SCHAUMBERG 17F-334	SANDIN 24V-401	277	PDC ENERGY INC	07/04/2016	XX					

67	x	05-123-43094	SCHAUMBERG 17F-234	SANDIN 24V-401	220	PDC ENERGY INC	07/18/2016	XX						
68	x	05-123-43468	SCHAUMBERG 17G-214RD	SANDIN 24V-401	134	PDC ENERGY INC	08/02/2016	XX						
69	x	05-123-43894	CECILS KERSEY FARM 17B-304	SANDIN 24V-401	306	PDC ENERGY INC		XX						
70	x	05-123-43895	CECILS KERSEY FARM 17B-214	SANDIN 24V-401	305	PDC ENERGY INC		XX						
71	x	05-123-43902	GILLHAM 18X- 104	SANDIN 24V-401	307	PDC ENERGY INC		XX						
72	x	05-123-43904	GILLHAM 18X- 234	SANDIN 24V-401	310	PDC ENERGY INC		XX						
73	x	05-123-43908	GILLHAM 18X- 334	SANDIN 24V-401	309	PDC ENERGY INC		XX						
74	x	05-123-43914	GILLHAM 18Y- 314	SANDIN 24V-401	309	PDC ENERGY INC		XX						
75	x	05-123-43916	GILLHAM 18Y- 214	SANDIN 24V-401	313	PDC ENERGY INC		XX						

Total Wells: 75

Meets Standard(STD): 75

Needs Evaluation: 0