

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	05-123-11893	CONQUEST-HOLTON 1-13	HOP 18E-332		PDC ENERGY INC	07/28/1984	PR	337	134		6571	5944
2	x	05-123-12138	PAULINE 1	HOP 18E-402		NOBLE ENERGY INC	12/04/1984	PR	319	134		6526	5730
3	x	05-123-12180	SCHAUMBERG 1	HOP 18E-332		PDC ENERGY INC	12/20/1984	PR	643	134		6548	
4	x	05-123-12216	JURGENS 8-2	HOP 18E-402		NOBLE ENERGY INC	01/17/1985	PR	353	400		6522	6196
5	x	05-123-12245	GUNTHER 18-1	HOP 18E-332		NOBLE ENERGY INC	02/07/1985	PR	308	134		6571	
6	x	05-123-12263	GUNTHER 18-2	HOP 18F-102		NOBLE ENERGY INC	02/14/1985	PR	329	134		6573	6252
7	x	05-123-12501	DUNN 1 (CACHE)	HOP 18E-332		PDC ENERGY INC	07/05/1985	PR	293	134		6580	5814
8	x	05-123-12528	STEINMETZ 1	HOP 18F-102		PDC ENERGY INC	07/17/1985	PR	305	134		6548	6144
9	x	05-123-13053	DUNN 1 (WICHITA)	HOP 18E-402		PDC ENERGY INC	04/21/1986	PR	311	134		6582	5812
10	x	05-123-13398	BRIGHT 1	HOP 18E-402		PDC ENERGY INC	03/16/1987	PR	313	134		6594	5488
11	x	05-123-13399	BRIGHT 2	HOP 18F-102		PDC ENERGY INC	04/06/1987	PR	307	134		6590	5794
12	x	05-123-14049	JURGENS-PM B 08-16	HOP 18E-402		GERRITY OIL & GAS CORP		AL		134			
13	x	05-123-14050	GUNTHER-PM B 18-07	HOP 18F-102		NOBLE ENERGY INC	01/22/1989	PR	311	134		6586	6202
14	x	05-123-14179	LAW 44-12	HOP 18E-402		PDC ENERGY INC	01/12/1989	PR	334	134		6596	
15	x	05-123-15243	PATRIOT B16-4	HOP 18E-232		NOBLE ENERGY INC	01/27/1992	PR	324	400		6476	6044
16	x	05-123-15561	PATRIOT B16-5	HOP 18F-102		NOBLE ENERGY INC	02/14/1992	PR	312	400			
17	x	05-123-15693	GUNTHER B18-1	HOP 18E-332		NOBLE ENERGY INC	04/22/1992	PR	370	134		6544	6256
18	x	05-123-15736	JURGENS B8-16	HOP 18E-402		NOBLE ENERGY INC	04/12/1992	PR	316	134		6496	6094
19	x	05-123-16109	P J 1	HOP 18E-402		PDC ENERGY INC	09/13/1992	PA	342	134		6507	6170
20	x	05-123-18878	SCHAUMBERG 12-17	HOP 18F-102		PDC ENERGY INC	12/28/1996	PR	351	134		6540	6172
21	x	05-123-18997	MOTIS 44-7	HOP 18E-402		PDC ENERGY INC	01/07/1996	PR	368	134		6542	6004
22	x	05-123-19046	DUNN 24-7	HOP 18E-402		PDC ENERGY INC	01/02/1996	PR	323	134		6542	6016
23	x	05-123-19285	DUNN 22-18	HOP 18F-102		PDC ENERGY INC	01/10/1997	PR	364	134		6570	6068
24	x	05-123-19474	HOSHIKO 31-17	HOP 18E-332		PDC ENERGY INC	10/23/1997	PR	362	134		6526	5954
25	x	05-123-19475	HOSHIKO 41-17	HOP 18E-332		PDC ENERGY INC	10/18/1997	PR	355	400		6540	5960
26	x	05-123-19488	MOTIS 34-7	HOP 18E-402		PDC ENERGY INC	12/16/1997	PR	362	134		6582	6194
27	x	05-123-20222	HOSHIKO 42-17	HOP 18F-102		PDC ENERGY INC	02/17/2001	PR	397	134		6506	3070
28	x	05-123-20225	HOSHIKO 32-17	HOP 18F-102		PDC ENERGY INC	02/12/2001	PR	396	134		6500	3080
29	x	05-123-20402	MOTIS 7A	HOP 18E-402		PDC ENERGY INC	03/17/2002	PR	404	134		6516	2653
30	x	05-123-20476	BRIGHT/DUNN 18D	HOP 18F-102		PDC ENERGY INC	06/19/2001	PR	364	134		6536	3324
31	x	05-123-21779	STEINMETZ 21-17	HOP 18E-332		PDC ENERGY INC	12/12/2003	PR	423	134		6546	5710
32	x	05-123-25311	DUNN 7B	HOP 18E-402		PDC ENERGY INC		AL		134			
33	x	05-123-25616	PAULINE PJ 5	HOP 18E-402		NOBLE ENERGY INC	02/05/2005	PR	144	134		6469	0

34	x	05-123-29076	DUNN 7PD	HOP 18E-402		PDC ENERGY INC		AL		134			
35	x	05-123-29600	PUYPE B 18-17	HOP 18F-102		NOBLE ENERGY INC	02/14/2009	PR	435	134		6562	338
36	x	05-123-29951	KLEIN B 09-13D	HOP 18E-402		NOBLE ENERGY INC	03/13/2009	PR	519	134		6702	245
37	x	05-123-30572	HOSHIKO 17C	HOP 18F-102		PDC ENERGY INC		AL		134			
38	x	05-123-32651	KLEIN B16-98HZ	HOP 18F-102		NOBLE ENERGY INC	03/29/2011	PR	673	134		6513	555
39	x	05-123-32813	PUYPE B 17-31D	HOP 18F-102		NOBLE ENERGY INC		AL		134			
40	x	05-123-32814	PUYPE B 18-22D	HOP 18F-102		NOBLE ENERGY INC		AL		134			
41	x	05-123-34001	PATRIOT B16-69HN	HOP 18E-402		NOBLE ENERGY INC	12/29/2011	PR	760	400		6583	970
42	x	05-123-34966	JURGENS PC B08-22D	HOP 18E-402		NOBLE ENERGY INC	02/13/2012	PR	695	134		6673	2223
43	x	05-123-34969	JURGENS PC B08-24D	HOP 18E-402		Noble Energy Inc	02/21/2012	PR	677	134		6644	1820
44	x	05-123-34974	JURGENS STATE PC B16-30D	HOP 18E-402		Noble Energy Inc	02/26/2012	PR	701	134		6812	2170
45	x	05-123-34976	JURGENS PC B08-23	HOP 18E-402		NOBLE ENERGY INC	02/17/2012	PR	680	400		6516	2057

Total Wells: 45

Meets Standard(STD): 45

Needs Evaluation: 0