

# 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	05-123-34142	Cervi 13-31H	ROTH A31-720	0	PDC ENERGY INC	09/08/2011	PR	923	155		6714	0
2		05-123-13145	ROTH A 30-8	ROTH A31-720	8	NOBLE ENERGY INC	11/10/1994	PA	344	270		6613	5840
3		05-123-13030	ROTH 1-30	ROTH A31-720	9	NOBLE ENERGY INC	03/29/1986	PA	307	298		6634	2015
4		05-123-18644	RUBIX A 32-04	ROTH A32-779	10	NOBLE ENERGY INC	11/01/1994	PA	342	258		6700	6130
5		05-123-22167	BLEHM 44-30	ROTH A31-720	13	PDC ENERGY INC	11/01/2004	SI	408	155		6563	0
6		05-123-19343	ANDY 29-2	ROTH A32-779	19	PDC ENERGY INC	03/21/1997	PA	351			6620	3170
7	x	05-123-32719	ROTH A 30-17	ROTH A31-730	24	NOBLE ENERGY INC	02/23/2011	PR	646	291		6627	2078
8	x	05-123-13572	WEBSTER 14-32	ROTH A32-760	30	NOBLE ENERGY INC	10/29/1987	TA	319	208		6606	6220
9		05-123-13191	ANDERSON 3-29	ROTH A32-760	32	EXTRACTION OIL & GAS INC	10/12/1986	PA	308				6168
10		05-123-19566	UHRICH 43-30	ROTH A31-720	36	PDC ENERGY INC	03/03/1998	PR	358			6610	0
11		05-123-22713	MARCY 1-31X	ROTH A31-720	39	NOBLE ENERGY INC	03/01/2005	PA	768	251		6592	4998
12		05-123-13684	ANDY 29-1	ROTH A32-760	40	PDC ENERGY INC	12/31/1987	PA	309				6160
13		05-123-12152	UHRICH 1	ROTH A32-779	49	NOBLE ENERGY INC	12/07/1984	PR	306	273		6595	
14		05-123-21811	UHRICH 14-29	ROTH A32-760	103	NOBLE ENERGY INC	12/02/2003	PR	751	263		6615	
15		05-123-19355	UHRICH 13-29	ROTH A32-779	119	PDC ENERGY INC	03/13/1997	PA	396			6610	6256
16		05-123-18645	JOHNSON A 32-06	ROTH A32-760	150	NOBLE ENERGY INC	11/06/1994	PA	349	242		6586	5928
17		05-123-20768	EHRlich 13-32	ROTH A32-779	156	PDC ENERGY INC	11/23/2002	PA	400			6650	3318
18		05-123-14234	JOHNSON 5-32	ROTH A32-779	156	PDC ENERGY INC	03/11/1989	PA	323	155		6593	6100
19		05-123-18643	RUBIX A 32-03	ROTH A32-760	158	NOBLE ENERGY INC	10/25/1994	PA	340	256		6589	3343
20		05-123-22714	UHRICH 19-29	ROTH A32-770	165	NOBLE ENERGY INC	03/12/2005	PR	771	270		6597	3070
21	x	05-123-19318	EHRlich 14-32	ROTH A32-779	175	PDC ENERGY INC	01/31/1997	PA	370			6626	3280
22		05-123-20236	UHRICH 23-29	ROTH A32-760	189	PDC ENERGY INC	01/26/2001	SI	392		x	6546	6144
23		05-123-12679	WEBSTER 11-32	ROTH A32-760	205	NOBLE ENERGY INC	09/26/1985	PA	320	226		6584	6140
24		05-123-19506	MARCY 42-31	ROTH A31-720	207	PDC ENERGY INC	01/14/1998	PR	364			6570	0
25		05-123-14092	AMOS 1	ROTH A32-779	286	ENERGY MINERALS CORP	10/21/1988	DA	314				0
26		05-123-12132	JASON 2	ROTH A31-720	321	PDC ENERGY INC	11/22/1984	PA	305			6542	540
27	x	05-123-32723	QC USX A32-19	ROTH A32-760	325	NOBLE ENERGY INC	03/27/2011	PR	648	257		6681	1860
28	x	05-123-43540	Ehrlich 5J-203	ROTH A32-770	465	PDC ENERGY INC	03/21/2017	PR	1645	155		6704	710
29	x	05-123-43546	Ehrlich 5M-343	ROTH A32-760	476	PDC ENERGY INC	04/11/2017	PR	1670	155		6737	500
30	x	05-123-43544	Ehrlich 5J-243	ROTH A32-779	489	PDC ENERGY INC	03/09/2017	PR	1645	155		6884	240

31	x	05-123-43541	Ehrlich 5J-223	ROTH A32-760	506	PDC ENERGY INC	04/05/2017	PR	1673	155		6738	905
32	x	05-123-43542	Ehrlich 5E-423	ROTH A32-790	512	PDC ENERGY INC	02/22/2017	PR	1664	155		6713	870
33	x	05-123-43545	Ehrlich 5J-303	ROTH A32-770	521	PDC ENERGY INC	03/15/2017	PR	1646	155		6935	425
34	x	05-123-43543	Ehrlich 5E-323	ROTH A32-779	524	PDC ENERGY INC	03/03/2017	PR	1645	155		6951	1025
35	x	05-123-43539	Ehrlich 5J-323	ROTH A32-770	533	PDC ENERGY INC	03/27/2017	PR	1663	155		6664	1200
36		05-123-13571	ROTH 2-30	ROTH A31-730	545	NOBLE ENERGY INC	08/02/1987	PA	303	280		6631	3307
37	x	05-123-43547	Ehrlich 5M-243	ROTH A32-760	551	PDC ENERGY INC	04/17/2017	PR	1674	155		6815	40
38		05-123-12387	JASON 1	ROTH A31-730	609	PDC ENERGY INC	04/03/1985	PA	317			6580	6198
39		05-123-13685	BLEHM 30-1	ROTH A31-730	619	PDC ENERGY INC	12/15/1987	PR	327			6625	0
40		05-123-19931	MARCY 31-32	ROTH A31-730	674	PDC ENERGY INC	03/03/2000	PR	428		x	6539	3300
41		05-123-14679	UHRICH 33-30	ROTH A31-730	681	PDC ENERGY INC	09/22/1990	PR	318			6570	0
42		05-123-17294	ROTH A 30-7	ROTH A31-730	687	NOBLE ENERGY INC	11/16/1994	PA	350	264		6598	2378
43		05-123-13738	ROTH 2-30-0	ROTH A31-730	716	BRISTOL PRODUCTION INC	12/03/1987	PA	223				0
44		05-123-13199	PRINTZ 2-31	ROTH A31-730	722	NOBLE ENERGY INC	10/10/1986	PR	326	242		6581	6090
45	x	05-123-44893	Snowmass 1C	ROTH A32-760	748	PDC ENERGY INC	01/12/2018	PR	1664	155		6724	0
46	x	05-123-44575	Kona A19-616	ROTH A32-790	766	NOBLE ENERGY INC	01/15/2018	PR		349			1614
47	x	05-123-19317	JASON 34-31	ROTH A31-730	884	PDC ENERGY INC	02/05/1997	PA	386			6606	3180
48	x	05-123-43004	J Klein 7Y-201	ROTH A32-790	955	PDC ENERGY INC	05/12/2017	PR	1674	155		6975	1000
49	x	05-123-42999	J Klein 7T-301	ROTH A31-730	958	PDC ENERGY INC	03/22/2017	PR	1645	155		6679	150
50	x	05-123-43003	J Klein 7Y-241	ROTH A31-720	969	PDC ENERGY INC	04/25/2017	PR	1672	155		6843	1340
51	x	05-123-43000	J Klein 7T-121	ROTH A31-720	971	PDC ENERGY INC	04/08/2017	PR	1660	155	x	6771	0
52	x	05-123-43001	J Klein 7T-201	ROTH A31-730	976	PDC ENERGY INC	04/01/2017	PR	1670	155		6783	940
53		05-123-17392	STUMP A 20-13	ROTH A32-779	989	NOBLE ENERGY INC	01/17/1995	PA	472	308		6631	2870
54	x	05-123-42998	J Klein 7Y-341	ROTH A32-790	995	PDC ENERGY INC	05/05/2017	PR	1687	155		6890	28
55	x	05-123-43002	J Klein 7T-241	ROTH A31-730	1011	PDC ENERGY INC	03/14/2017	PR	1645	155		6726	85
56	x	05-123-44887	Snowmass 2N	ROTH A32-760	1024	PDC ENERGY INC	09/27/2017	PR	1665	155		6811	260
57	x	05-123-44888	Snowmass 3N	ROTH A32-760	1037	PDC ENERGY INC	09/22/2017	PR	1669	155		6840	0
58	x	05-123-31764	WINTER 39-19	ROTH A32-790	1060	NOBLE ENERGY INC	01/30/2011	PA	679	317		6773	1960
59	x	05-123-20224	NOFFSINGER 21-5	ROTH A32-760	1082	PDC ENERGY INC	03/23/2001	TA	370	245		6533	5980
60	x	05-123-13803	EHRlich 1	ROTH A32-779	1095	PDC ENERGY INC	01/15/1988	PA	230			6598	5860
61	x	05-123-13852	WEBSTER B6-1	ROTH A31-730	1122	NOBLE ENERGY INC	03/17/1988	TA	310	205		6598	5974
62		05-123-12360	SNIDER 1-20EG	ROTH A32-760	1124	NOBLE ENERGY INC	03/24/1985	PA	436	310		6626	2000
63	x	05-123-13494	WEBSTER B6-2	ROTH A31-730	1125	NOBLE ENERGY INC	06/06/1987	PA	304	199		6589	507
64	x	05-123-44889	Snowmass 4N	ROTH A32-760	1158	PDC ENERGY INC	01/12/2018	PR	1675	155		6817	0

65	x	05-123-42831	Dunn 7Q-221	ROTH A31-730	1194	PDC ENERGY INC	02/12/2017	PR	1679	155		7007	670
66		05-123-13198	WINTER 15-19	ROTH A31-730	1204	EXTRACTION OIL & GAS INC	10/15/1986	PA	307			6623	6150
67		05-123-12007	CAPEHART 1	ROTH A32-760	1222	PDC ENERGY INC	10/10/1984	PR	700				0
68	x	05-123-43005	J Klein 7Q-321	ROTH A31-730	1222	PDC ENERGY INC	03/03/2017	PR	1645	155		6691	235
69	x	05-123-31762	WINTER 20-19	ROTH A31-730	1225	NOBLE ENERGY INC	02/11/2011	PA	682	316		6811	302
70	x	05-123-44886	Snowmass 5N	ROTH A32-760	1250	PDC ENERGY INC	09/08/2017	PR	1654	155		6913	0
71		05-123-13574	LINDA RAE 1	ROTH A31-720	1264	NOBLE ENERGY INC	07/21/1987	PA	333	309		6626	5930
72		05-123-19000	HOFFNER 32-32	ROTH A32-760	1272	PDC ENERGY INC	11/16/1995	SI	300		x	6520	0
73		05-123-12739	HOFFNER 1	ROTH A32-760	1288	PDC ENERGY INC	10/17/1985	SI	302		x	6546	1152
74		05-123-13737	WINTER 15-19-0	ROTH A31-730	1293	TIGGES OIL LLC	12/08/1987	PA	210				2959
75	x	05-123-44574	Kona A19-624	ROTH A31-730	1296	NOBLE ENERGY INC	05/25/2017	PR		349			2402
76		05-123-22606	RHINIE 15-29	ROTH A32-760	1303	NOBLE ENERGY INC	01/06/2005	PA	766	263		6627	3120
77		05-123-13570	MILLER 15-29	ROTH A32-760	1315	NOBLE ENERGY INC	07/18/1987	PA	309	252		6634	6012
78		05-123-21852	FARMLAND 10-32	ROTH A32-760	1325	NOBLE ENERGY INC	12/26/2003	PA	589	230		6583	3062
79		05-123-19479	MILLER 33-29	ROTH A32-760	1372	PDC ENERGY INC	01/18/1998	SI	367			6586	0
80	x	05-123-44885	Snowmass 6N	ROTH A32-760	1389	PDC ENERGY INC	09/01/2017	PR	1664	155		6962	0
81	x	05-123-12817	WEBSTER 15-32	ROTH A32-760	1391	NOBLE ENERGY INC	09/20/1986	PA	302	220		6573	3290
82	x	05-123-44892	Snowmass 7N	ROTH A32-760	1417	PDC ENERGY INC	12/28/2017	PR	1682	155		7063	0
83	x	05-123-42829	Dunn 7Q-301	ROTH A31-730	1434	PDC ENERGY INC	02/03/2017	PR	1687	155		6920	350
84	x	05-123-44891	Snowmass 9N	ROTH A32-760	1490	PDC ENERGY INC	12/23/2017	PR	1700	155		7165	0

Total Wells: 84

Meets Standard(STD): 42

Needs Evaluation: 42