

# 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		05-123-12462	CHRISTENSEN 15-18	70 RANCH BB18-634		NOBLE ENERGY INC	06/07/1905	PR	306	400		6333	5690
2		05-123-12463	CHRISTENSON 16-18	70 RANCH BB18-634		NOBLE ENERGY INC	06/07/1905	PR	304	400		6357	5880
3		05-123-19277	DKW GREEN STATE BB 18-01	70 RANCH BB18-655		NOBLE ENERGY INC	06/19/1905	PR	368	400		6415	5870
4		05-123-19279	DKW GREEN STATE BB 18-07	70 RANCH BB18-655		NOBLE ENERGY INC	06/18/1905	PR	350	400		6342	5890
5		05-123-19280	DKW GREEN STATE BB 18-08	70 RANCH BB18-655		NOBLE ENERGY INC	06/18/1905	PR	367	400		6399	5840
6		05-123-19378	LOHR 13-4	70 RANCH BB18-647		PDC ENERGY INC	06/19/1905	PR	356	400		6390	3340
7	x	05-123-15079	NAKAGAWA B13-09	70 RANCH BB18-641		NOBLE ENERGY INC	06/13/1905	PR	311	400		6373	5800
8	x	05-123-36377	NAKAGAWA B13-62-1HN	70 RANCH BB18-634		NOBLE ENERGY INC	07/05/1905	PR		400		6623	1120
9	x	05-123-36378	NAKAGAWA B13-64-1HN	70 RANCH BB18-634		NOBLE ENERGY INC	07/05/1905	PR		400		6626	1420
10		05-123-36379	NAKAGAWA B13-65-1HN	70 RANCH BB18-647	539	NOBLE ENERGY INC	07/05/1905	PR		400		6652	1790
11	x	05-123-15078	NAKAGAWA PM B13-16	70 RANCH BB18-634		NOBLE ENERGY INC	06/13/1905	PR	314	400		6238	5887
12	x	05-123-19923	NATIONAL HOG FARM 17-11	70 RANCH BB18-655		PDC ENERGY INC	06/22/1905	PR	415	400		6473	6112
13	x	05-123-20016	NATIONAL HOG FARM 17-21	70 RANCH BB18-655		PDC ENERGY INC	06/22/1905	PR	389	400		6465	6200
14		05-123-20015	NATIONAL HOG FARM 17-22	70 RANCH BB18-655		PDC ENERGY INC	06/22/1905	PR	390	400		6459	3560
15	x	05-123-20269	NATIONAL HOG FARM 31-17	70 RANCH BB18-655		PDC ENERGY INC	06/23/1905	PR	371	400		6553	3057
16	x	05-123-20268	NATIONAL HOG FARM 32-17	70 RANCH BB18-655		PDC ENERGY INC	06/23/1905	PR	370	400		6427	2650
17	x	05-123-20263	NATIONAL HOG FARM 41-17	70 RANCH BB18-655		PDC ENERGY INC	06/23/1905	PR	370	400		6465	2685
18	x	05-123-20267	NATIONAL HOG FARM 42-17	70 RANCH BB18-655		PDC ENERGY INC	06/23/1905	PR	371	400		6424	3966
19	x	05-123-19916	NATIONAL HOG FARMS 17-12	70 RANCH BB18-655		PDC ENERGY INC	06/22/1905	PR	405	400		6431	3300
20		05-123-15528	ODLE BB18-13	70 RANCH BB18-634		NOBLE ENERGY INC	06/14/1905	PR	314	400		6323	5694
21		05-123-15529	ODLE BB18-14	70 RANCH BB18-634		NOBLE ENERGY INC	06/14/1905	PR	316	400		6305	5820
22	x	05-123-10711	PETERSON CHAMPLIN K UNIT 1	70 RANCH BB18-634		ENCANA OIL & GAS (USA) INC	06/04/1905	PA	284	400		6394	6130
23		05-123-18961	ROBIN GREEN STATE BB 18-05	70 RANCH BB18-655		NOBLE ENERGY INC	06/18/1905	PR	359	400		6344	5846
24		05-123-19257	SLW GREEN STATE BB 18-09	70 RANCH BB18-641		NOBLE ENERGY INC	06/18/1905	PR	359	400		6333	5806
25		05-123-19258	SLW GREEN STATE BB 18-10	70 RANCH BB18-634		NOBLE ENERGY INC	06/18/1905	PR	359	400		6334	5614
26		05-123-18962	SLW GREEN STATE BB 18-11	70 RANCH BB18-641		NOBLE ENERGY INC	06/18/1905	PR	360	400		6357	5912
27		05-123-18963	SLW GREEN STATE BB 18-12	70 RANCH BB18-641		NOBLE ENERGY INC	06/18/1905	PR	358	400		6346	2218
28	x	05-123-34679	SLW State PC BB18-65HN	70 RANCH BB18-647		NOBLE ENERGY INC	07/04/1905	PR		400		6567	556
29	x	05-123-34674	SLW State PC BB18-67HN	70 RANCH BB18-655		NOBLE ENERGY INC	07/04/1905	PR		400		6631	926
30		05-123-20715	STATE PETERSON 12-16	70 RANCH BB18-647		PDC ENERGY INC	06/25/1905	PR	360	400		6442	2660
31		05-123-21676	STATE PETERSON 13-16	70 RANCH BB18-634		PDC ENERGY INC	06/25/1905	PR	364	400		6386	3380

32		05-123-21657	STATE PETERSON 14- 16	70 RANCH BB18-634		PDC ENERGY INC	06/25/1905	PR	360	400		6358	324
33	x	05-123-22665	STATE SLW 18- 24	70 RANCH BB18-655		NOBLE ENERGY INC	06/27/1905	PR	395	400		6364	5865
34	x	05-123-35273	Vince State B13- 63HN	70 RANCH BB18-634	0	NOBLE ENERGY INC	07/04/1905	PR		400		6475	595

Total Wells: 34

Meets Standard(STD): 16

Needs Evaluation: 18