

# 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		05-123-29701	BASHOR 09-31	Mahalo State AA09-78- 1HNB	968	NOBLE		AL					
2		05-123-24321	BASHOR 17-11	Mahalo State AA09-79HNC	662	NOBLE		PR	452	388		6490	214
3		05-123-33167	BASHOR PC AA09-11	Mahalo State AA09-78- 1HNB	1063	NOBLE		XX					
4	x	05-123-32508	BASHOR PC AA09-14	Mahalo State AA09-78- 1HNB	863	NOBLE		PR		377		6460	1360
5	x	05-123-32509	BASHOR PC AA09-24	Mahalo State AA09-78- 1HNB	1375	NOBLE		PR		377		6478	1110
6		05-123-26119	BASHOR STATE AA16-03	Mahalo State AA09-78- 1HNB	1059	NOBLE		PR	743	373		6481	2190
7	x	05-123-29253	BASHOR STATE AA16-04	Mahalo State AA09-79- 1BHNB	593	NOBLE		PR	630	375		6509	730
8	x	05-123-29261	BASHOR STATE AA16-19	Mahalo State AA09-78- 1HNB	1283	NOBLE		PR	610	375		6473	866
9		05-123-23953	CACHE 43-08	Mahalo State AA09-79HNC	795	PDC ENERGY INC		AL					
10		05-123-23954	CACHE 44-08	Mahalo State AA09-79HNC	835	PDC ENERGY INC		AL					
11		05-123-26190	CACHE USX AA05-15	NCLP AA07- 69-1AHNC	860	NOBLE		PR	741	410		6524	85
12	x	05-123-24293	FOSS 06-43	NCLP AA07- 69-1AHNC	1189	NOBLE		PR	457	400		6556	520
13	x	05-123-24289	FOSS 06-45	NCLP AA07- 69-1AHNC	1285	NOBLE		PR	461	402		6562	343
14		05-123-24562	FOSS USX AA05-25	NCLP AA07- 69-1AHNC	1432	NOBLE		PR	718	395		6602	1665
15		05-123-23102	GIBSON 11-09	Mahalo State AA09-78HNC	129	PDC ENERGY INC		PR	438	392		6513	
16		05-123-23058	GIBSON 12-09	Mahalo State AA09-78HNC	138	PDC ENERGY INC		AL					
17	x	05-123-32365	GUNNER STATE AA16- 99HZ	Mahalo State AA09-79- 1HNC	946	NOBLE		PA	690	375		6585	712
18		05-123-26208	HAGEMEISER USX AA07-01	NCLP AA07- 69-1HNA	139	NOBLE		PR	733	393		6539	1770
19		05-123-26092	HAGEMEISTER USX AA07-02	NCLP AA07- 69-1HNA	515	NOBLE		PR	746	393		6549	2022
20		05-123-26461	HAGEMIESTER 44-06	NCLP AA07- 69-1AHNC	1011	NOBLE		PR	725	393		6546	1978
21	x	05-123-29497	NCLP PC AA04- 13	Mahalo State AA09-78- 1HNB	747	NOBLE		PR	575	404		6519	1900
22	x	05-123-37175	NCLP PC AA04- 62-1HN	Mahalo State AA09-78- 1HNB	347	NOBLE		XX					
23	x	05-123-37173	NCLP PC AA04- 63-1HN	Mahalo State AA09-78- 1HNB	638	NOBLE		XX					
24	x	05-123-32575	NCLP PC AA08- 02D	NCLP AA07- 69-1HNA	292	NOBLE		PR	555	405		6994	1990
25	x	05-123-32571	NCLP PC AA08- 03D	NCLP AA07- 69-1HNA	304	NOBLE		PR	558	405		6756	1629
26	x	05-123-32548	NCLP PC AA08- 08D	NCLP AA07- 69-1HNA	940	NOBLE		PR	543	409		7050	1830
27	x	05-123-32573	NCLP PC AA08- 18D	NCLP AA07- 69-1HNA	959	NOBLE		PR	580	405		6776	845
28	x	05-123-32568	NCLP PC AA08- 19	NCLP AA07- 69-1HNA	1038	NOBLE		PR	616	407		6553	793

29	x	05-123-31898	NCLP USX AA05-16	NCLP AA07- 69-1AHNC	1027	NOBLE		PR	727	410		6533	1920
30		05-123-26228	NEW CACHE 08 -22	NCLP AA07- 69-1HNA	309	NOBLE		PR	470	397		6537	6040
31	x	05-123-31704	NEW CACHE 08 -43	Mahalo State AA09-79HNC	762	GREAT WESTERN OPERATING COMPANY LLC		PR	492	382		6687	1210
32	x	05-123-27176	NEW CACHE 08 -44	Mahalo State AA09-79HNC	1019	GREAT WESTERN OPERATING COMPANY LLC		PR	521	397		6615	3252
33		05-123-36989	New Cache FH08-14D	Mahalo State AA09-79HNC	1450	GREAT WESTERN OPERATING COMPANY LLC		XX					
34		05-123-37049	New Cache FH08-37D	Mahalo State AA09-79HNC	1006	GREAT WESTERN OPERATING COMPANY LLC		XX					
35		05-123-37050	New Cache FH08-38D	Mahalo State AA09-79HNC	193	GREAT WESTERN OPERATING COMPANY LLC		XX					
36		05-123-37046	New Cache FH08-39D	Mahalo State AA09-79HNC	163	GREAT WESTERN OPERATING COMPANY LLC		XX					
37		05-123-37053	New Cache FH08-40D	Mahalo State AA09-79HNC	133	GREAT WESTERN OPERATING COMPANY LLC		XX					
38		05-123-29867	NEW CACHE LA POUDRE 08-11 (DIR)	NCLP AA07- 69-1HNA	881	PETRO- CANADA RESOURCES (USA) INC		AL					
39		05-123-29866	NEW CACHE LA POUDRE 08-12 (DIR)	NCLP AA07- 69-1HNA	858	PETRO- CANADA RESOURCES (USA) INC		AL					
40		05-123-29865	NEW CACHE LA POUDRE 08-15 (DIR)	NCLP AA07- 69-1HNA	904	PETRO- CANADA RESOURCES (USA) INC		AL					
41		05-123-25397	NEW CACHE LA POUDRE 09A	Mahalo State AA09-78- 1HNB	483	PDC ENERGY INC		AL					
42	x	05-123-34557	SHOEMAKER PC A12-69HN	NCLP AA07- 69-1AHNC	360	NOBLE		PR		433		6758	800
43		05-123-24595	TRINITY USX AA07-17	NCLP AA07- 69-1HNA	920	NOBLE		PR	494	390		6535	1915
44	x	05-123-36182	Wells Ranch State PC USX AA16-69-1HNL	Mahalo State AA09-79- 1BHNB	385	NOBLE		PR		481		6681	380
45	x	05-123-36183	Wells Ranch State USX AA16 -68-1HNL	Mahalo State AA09-78- 1HNB	1469	NOBLE		PR		482		6681	350

Total Wells: 45

Meets Standard(STD): 21

Needs Evaluation: 24