

## 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 AA09-76- 1AHNC	15	NOBLE		AL					
2	x	05-123-25491	BASHOR 09-42	Mahalo State AA09-76- 1HNB	744	NOBLE		PR	502	380		6500	30
3	x	05-123-25425	BASHOR 09-43	Mahalo State AA09-76- 1HNB	745	NOBLE		PR	580	382		6464	80
4		05-123-33167	BASHOR PC AA09-11	Mahalo State AA09-76- 1AHNC	80	NOBLE		XX					
5	x	05-123-32508	BASHOR PC AA09-14	Mahalo State AA09-76- 1AHNC	134	NOBLE		PR		377		6460	1360
6	x	05-123-32509	BASHOR PC AA09-24	Mahalo State AA09-76- 1HNB	53	NOBLE		PR		377		6478	1110
7		05-123-32511	BASHOR PC AA09-25	Mahalo State AA09-77HNB	21	NOBLE		XX					
8	x	05-123-29272	BASHOR STATE 16-18	Mahalo State AA09-76- 1HNB	1221	NOBLE		PR	608	376		6473	460
9	x	05-123-29254	BASHOR STATE AA16-02	Mahalo State AA09-76- 1HNB	946	NOBLE		PR	598	378		6468	6280
10		05-123-26119	BASHOR STATE AA16-03	Mahalo State AA09-76- 1AHNC	541	NOBLE		PR	743	373		6481	2190
11	x	05-123-29253	BASHOR STATE AA16-04	Mahalo State AA09-78- 1BHNC	872	NOBLE		PR	630	375		6509	730
12	x	05-123-29261	BASHOR STATE AA16-19	Mahalo State AA09-77HNB	1219	NOBLE		PR	610	375		6473	866
13		05-123-33438	BASHOR STATE AA16-27	Mahalo State AA09-76- 1HNB	1490	NOBLE		AL					
14		05-123-23102	GIBSON 11-09	Mahalo State AA09-78- 1BHNC	341	PDC ENERGY INC		PR	438	392		6513	
15		05-123-23058	GIBSON 12-09	Mahalo State AA09-78- 1BHNC	329	PDC ENERGY INC		AL					
16	x	05-123-32365	GUNNER STATE AA16- 99HZ	Mahalo State AA09-76- 1AHNC	956	NOBLE		PA	690	375		6585	712
17	x	05-123-29497	NCLP PC AA04- 13	Mahalo State AA09-78- 1BHNC	691	NOBLE		PR	575	404		6519	1900
18	x	05-123-29495	NCLP PC AA04- 14	Mahalo State AA09-76- 1HNB	1022	NOBLE		PR		392		6492	1740
19	x	05-123-29496	NCLP PC AA04- 25	Mahalo State AA09-76- 1HNB	1363	NOBLE		PR		400		6513	1670
20	x	05-123-37175	NCLP PC AA04- 62-1HN	Mahalo State AA09-77- 1AHNC	354	NOBLE		XX					
21	x	05-123-37173	NCLP PC AA04- 63-1HN	Mahalo State AA09-78- 1BHNC	871	NOBLE		XX					
22		05-123-37050	New Cache FH08-38D	Mahalo State AA09-78- 1BHNC	1288	GREAT WESTERN OPERATING COMPANY LLC		XX					
23		05-123-37046	New Cache FH08-39D	Mahalo State AA09-78- 1BHNC	1263	GREAT WESTERN OPERATING COMPANY LLC		XX					

24		05-123-37053	New Cache FH08-40D	Mahalo State AA09-78- 1BHNC	1237	GREAT WESTERN OPERATING COMPANY LLC		XX					
25		05-123-25397	NEW CACHE LA POUDRE 09A	Mahalo State AA09-77- 1AHNC	13	PDC ENERGY INC		AL					
26	x	05-123-36182	Wells Ranch State PC USX AA16-69-1HNL	Mahalo State AA09-76- 1AHNC	366	NOBLE		PR		481		6681	380
27	x	05-123-36183	Wells Ranch State USX AA16 -68-1HNL	Mahalo State AA09-76- 1AHNC	1127	NOBLE		PR		482		6681	350

Total Wells: 27

Meets Standard(STD): 16

Needs Evaluation: 11