

## 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	05-123-21066	12-26 MOSER	PUMA FED 34C-35HZ	26	ENCANA OIL & GAS (USA) INC		PR					
2	x	05-123-11254	1 DOROTHY SEBOLD UNIT- TRUE	PUMA 4N- 14HZ	31	KERR MCGEE OIL & GAS ONSHORE LP		PR					
3	x	05-123-20746	12-35A RULE	PUMA FED 34C-35HZ	35	KERR MCGEE OIL & GAS ONSHORE LP		PR					
4	x	05-123-10488	1 MOSER C UNIT	PUMA FED 13C-35HZ	44	ENCANA OIL & GAS (USA) INC		PR					
5	x	05-123-07152	1 GRENAMEYER	PUMA FED 13N-35HZ	60	ENCANA OIL & GAS (USA) INC		PR					
6	x	05-123-08019	1 HUBERT NOEL	PUMA FED 13C-35HZ	60	KERR MCGEE OIL & GAS ONSHORE LP		PA					
7	x	05-123-09559	1 TANG	PUMA 4C- 14HZ	79	FOUNDATION ENERGY MANAGEMENT LLC		PR					
8		05-123-10475	1 LEONA	PUMA 4C- 14HZ	82	ENERGY MINERALS CORP		PA					
9	x	05-123-15962	11-23 THREE FARMS	PUMA 4C- 14HZ	91	K P KAUFFMAN COMPANY INC		PR					
10	x	05-123-11440	1 NOEL HUBERT UNIT- TRUE	PUMA FED 13C-35HZ	99	KERR MCGEE OIL & GAS ONSHORE LP		PR					
11	x	05-123-19946	13-26 HOWARD	PUMA FED 5S-35HZ	102	ENCANA OIL & GAS (USA) INC		PR					
12	x	05-123-31121	5-35 DRY CREEK	PUMA FED 13N-35HZ	104	KERR MCGEE OIL & GAS ONSHORE LP		PR					
13	x	05-123-10248	4 FRANCIS DOUGHTY CLARK	PUMA 4N- 14HZ	125	AMOCO PRODUCTION CO.		AL					
14	x	05-123-31099	4-35 DRY CREEK	PUMA FED 34C-35HZ	128	KERR MCGEE OIL & GAS ONSHORE LP		PR					
15	x	05-123-12601	5 CLARK FRANCIS DOUGHTY	PUMA 4N- 14HZ	131	HS RESOURCES INC		PA					
16	x	05-123-31023	13-35 DRY CREEK	PUMA FED 34C-35HZ	135	KERR MCGEE OIL & GAS ONSHORE LP		PR					
17	x	05-123-31115	22-35 DRY CREEK	PUMA FED 13C-35HZ	200	KERR MCGEE OIL & GAS ONSHORE LP		PR					
18	x	05-123-08119	1 DOROTHY SEBOLD UNIT	PUMA 29C- 14HZ	227	KERR MCGEE OIL & GAS ONSHORE LP		PR					
19	x	05-123-21028	CD26-A GRENAMEYER	PUMA FED 13C-35HZ	266	ENCANA OIL & GAS (USA) INC		PR					
20	x	05-123-39793	JZM 40N-22HZ	PUMA 30N- 14HZ	359	KERR MCGEE OIL & GAS ONSHORE LP							
21	x	05-123-38235	40N-22HZ HOWARD FEDERAL	PUMA 30N- 14HZ	361	KERR MCGEE OIL & GAS ONSHORE LP		PR					
22	x	05-123-31609	41-27 DRY CREEK FEDERAL	PUMA FED 34N-35HZ	385	KERR MCGEE OIL & GAS ONSHORE LP		PR					
23	x	05-123-07740	1 FRANCIS D. CLARK UNIT B	PUMA 4N- 14HZ	410	KERR MCGEE OIL & GAS ONSHORE LP		PR					
24	x	05-123-31018	35-35 DRY CREEK	PUMA FED 13C-35HZ	470	KERR MCGEE OIL & GAS ONSHORE LP		PR					

25	x	05-123-41121	11-374HN Marcus LD	PUMA FED 34N-35HZ	482	GREAT WESTERN OPERATING COMPANY LLC		DG					
26	x	05-123-41131	11-377HC Marcus LD	PUMA FED 34N-35HZ	484	GREAT WESTERN OPERATING COMPANY LLC		DG					
27	x	05-123-09817	1 T. A. PAIGE	PUMA 29C- 14HZ	489	AMOCO PRODUCTION CO.		DA					
28	x	05-123-20896	43-34 J SELTZER	PUMA FED 34N-35HZ	556	ENCANA OIL & GAS (USA) INC		PR					
29	x	05-123-10351	2 PAIGE ANSON T	PUMA 29C- 14HZ	568	HS RESOURCES INC		PA					
30	x	05-123-20894	44-34 J SELTZER	PUMA FED 34N-35HZ	573	ENCANA OIL & GAS (USA) INC		PR					
31	x	05-123-20230	42-34 GRENEMYER- WAGNER	PUMA FED 34N-35HZ	587	ENCANA OIL & GAS (USA) INC		PR					
32	x	05-123-20103	41-34 GRENEMYER- WAGNER	PUMA FED 34N-35HZ	648	ENCANA OIL & GAS (USA) INC		PR					
33	x	05-123-10042	1 MARCUS	PUMA FED 34N-35HZ	679	K P KAUFFMAN COMPANY INC		PR					
34	x	05-123-10126	B-1 SEBOLD DOROTHY	PUMA 29C- 14HZ	725	K P KAUFFMAN COMPANY INC		PR					
35	x	05-123-10234	B-2 SEBOLD DOROTHY	PUMA 29C- 14HZ	781	K P KAUFFMAN COMPANY INC		PR					
36	x	05-123-38234	9C-22HZ HOWARD	PUMA 30N- 14HZ	797	KERR MCGEE OIL & GAS ONSHORE LP		PR					
37	x	05-123-39792	JZM 8C-22HZ	PUMA 30N- 14HZ	818	KERR MCGEE OIL & GAS ONSHORE LP							
38	x	05-123-38420	16N-3HZ GRENEMYER	PUMA FED 34N-35HZ	840	KERR MCGEE OIL & GAS ONSHORE LP		PR					
39	x	05-123-19895	42-34 WAGNER	PUMA FED 34N-35HZ	842	NORTH AMERICAN RESOURCES COMPANY		AL					
40	x	05-123-20055	23-26 HOWARD	PUMA FED 13C-35HZ	855	ENCANA OIL & GAS (USA) INC		PR					
41	x	05-123-31100	3-35 DRY CREEK	PUMA FED 13C-35HZ	855	KERR MCGEE OIL & GAS ONSHORE LP		PR					
42	x	05-123-31022	14-35 DRY CREEK	PUMA FED 13C-35HZ	870	KERR MCGEE OIL & GAS ONSHORE LP		PR					
43	x	05-123-38419	37C-3HZ GRENEMYER	PUMA FED 34N-35HZ	870	KERR MCGEE OIL & GAS ONSHORE LP		PR					
44	x	05-123-31019	11-35 DRY CREEK	PUMA FED 13C-35HZ	890	KERR MCGEE OIL & GAS ONSHORE LP		PR					
45	x	05-123-31591	16-27 DRY CREEK	PUMA FED 34N-35HZ	891	KERR MCGEE OIL & GAS ONSHORE LP		PR					
46	x	05-123-18804	21-26 ROTHERHAM	PUMA FED 13C-35HZ	905	BASIN EXPLORATION INC		AL					
47	x	05-123-31594	9-27 DRY CREEK	PUMA FED 34N-35HZ	933	KERR MCGEE OIL & GAS ONSHORE LP		PR					
48	x	05-123-13535	1 MAGGIE NORDEN B	PUMA 30N- 14HZ	944	K P KAUFFMAN COMPANY INC		PR					
49	x	05-123-10115	1 STIEBER EDWARD	PUMA 29C- 14HZ	974	K P KAUFFMAN COMPANY INC		PR					
50	x	05-123-31612	8-27 DRY CREEK	PUMA FED 34N-35HZ	974	KERR MCGEE OIL & GAS ONSHORE LP		PR					
51	x	05-001-08358	2 GUTHRIE	PUMA FED 13C-35HZ	987	K P KAUFFMAN COMPANY INC		PR					

52		05-123-21533	21-26 MOSER	PUMA FED 13C-35HZ	991	ENCANA OIL & GAS (USA) INC		PR						
53	x	05-123-16668	VV 22-8 WAGNER RED	PUMA 30N-14HZ	1004	KERR MCGEE OIL & GAS ONSHORE LP		PR						
54	x	05-123-21027	24-26 GRENAMEYER	PUMA FED 13C-35HZ	1035	ENCANA OIL & GAS (USA) INC		PR						
55	x	05-123-19553	6-26 SPARROW	PUMA FED 13C-35HZ	1052	ENCANA OIL & GAS (USA) INC		PR						
56	x	05-123-20994	6-35A RULE	PUMA FED 13C-35HZ	1064	KERR MCGEE OIL & GAS ONSHORE LP		PR						
57	x	05-123-22659	1-27 HOWARD	PUMA FED 34N-35HZ	1100	KERR MCGEE OIL & GAS ONSHORE LP		PR						
58	x	05-123-16665	VV 22-1 COUGHLIN RED	PUMA 30N-14HZ	1117	KERR MCGEE OIL & GAS ONSHORE LP		PR						
59	x	05-123-31613	7-27 DRY CREEK	PUMA FED 34N-35HZ	1159	KERR MCGEE OIL & GAS ONSHORE LP		PR						
60	x	05-123-31611	21-27 DRY CREEK	PUMA FED 34N-35HZ	1172	KERR MCGEE OIL & GAS ONSHORE LP		PR						
61	x	05-123-31608	2-27 DRY CREEK	PUMA FED 34N-35HZ	1185	KERR MCGEE OIL & GAS ONSHORE LP		PR						
62	x	05-123-31610	27-27 DRY CREEK	PUMA FED 34N-35HZ	1199	KERR MCGEE OIL & GAS ONSHORE LP		PR						
63	x	05-123-38233	24N-22HZ HOWARD	PUMA 30N-14HZ	1237	KERR MCGEE OIL & GAS ONSHORE LP		PR						
64	x	05-123-10490	1 SELTZER E UNIT	PUMA FED 34N-35HZ	1277	ENCANA OIL & GAS (USA) INC		PR						
65	x	05-123-09664	3 CLARK FRANCIS DOUGHTY	PUMA 29C-14HZ	1290	HS RESOURCES INC		PA						
66	x	05-123-10823	2 UPRR 42 PAN AM K	PUMA FED 34N-35HZ	1296	KERR MCGEE OIL & GAS ONSHORE LP		PR						
67	x	05-123-19959	J 1-A GRENAMEYER-WAGNER	PUMA FED 34N-35HZ	1329	ENCANA OIL & GAS (USA) INC		PR						
68	x	05-123-31596	37-27 DRY CREEK	PUMA FED 34N-35HZ	1346	KERR MCGEE OIL & GAS ONSHORE LP		PR						
69	x	05-123-31590	10-27 DRY CREEK	PUMA FED 34N-35HZ	1347	KERR MCGEE OIL & GAS ONSHORE LP		PR						
70	x	05-123-31593	23-27 DRY CREEK	PUMA FED 34N-35HZ	1347	KERR MCGEE OIL & GAS ONSHORE LP		PR						
71	x	05-123-15327	2 ALBERT SACK UNIT /NAV/	PUMA 30N-14HZ	1350	KERR MCGEE OIL & GAS ONSHORE LP		PR						
72	x	05-001-09152	41-3 WEIGANDT	PUMA FED 34N-35HZ	1373	BASIN EXPLORATION INC		AL						
73	x	05-123-11298	#1 UPRR 42 PAN AM UT*M"TRUE	PUMA 30N-14HZ	1391	KERR MCGEE OIL & GAS ONSHORE LP		PR						
74	x	05-123-31104	21-35 DRY CREEK	PUMA FED 13C-35HZ	1427	KERR MCGEE OIL & GAS ONSHORE LP		PR						
75	x	05-123-39790	JZM 24N-22HZ	PUMA 30N-14HZ	1441	KERR MCGEE OIL & GAS ONSHORE LP								
76	x	05-123-25942	4-6-26 GRENAMEYER	PUMA FED 13C-35HZ	1444	ENCANA OIL & GAS (USA) INC		PR						
77	x	05-123-31010	23-35 DRY CREEK	PUMA FED 13C-35HZ	1446	KERR MCGEE OIL & GAS ONSHORE LP		PR						
78	x	05-123-07587	1 FRANCIS DOUGHTY CLARK	PUMA 29C-14HZ	1460	AMOCO PRODUCTION CO.		AL						
79	x	05-123-09094	2 CLARK FRANCIS DOUGHTY	PUMA 4C-14HZ	1497	K P KAUFFMAN COMPANY INC		PR						

Total Wells:	<u>79</u>
Meets Standard(STD):	<u>77</u>
Needs Evaluation:	<u>2</u>