

Operator's Area Review Contact:				KOEHLER - COGCC 7/25/2017 Mull Drilling Quiver Unit							
AREA OF REVIEW OFFSET WELL EVALUATIONS											
Offset Well API #	Offset Well Name	Offset Well Operator	Offset Well Status	Depth of Base of Aquifer	Offset Well Surface Casing Setting Depth	Offset Well Completed Formation Top	Offset Well Top of Production Casing Cement	Abandoned Wells	Active Wells		Comment (Optional)
								To be Replugged (yes or no?)	Requires Casing Repair (yes or no?)	To be Plugged (yes or no?)	
05-061-06778	Tempel A #1-6	Mull Drilling Co Inc	DA	26	437	4984		No			St Louis & Spergen Obj: 40 sx @ 4931', 40 sx @ 3937', 40 sx @ 1723', 40 sx @ 1317', 40 sx @ 1004', 40 sx @ 451' half in/half out, 10 sx @ surface, 5 sx mousehole and rathole
05-061-06745	Richardson #1-2	Mull Drilling Co Inc	DA	26	448	5052		No			Spergen Obj: 40 sx @ 4163', 40 sx @ 2022', 40 sx @ 1272', 40 sx @ 991, 40 sx @ 492' half in/half out, 10 sx @ surface, 5 sx each mousehole and rathole.
05-061-06028	Harry Owen #1	Phillips Petroleum	PA	26	58	4995	4692	No			Mississippian (St Louis) Obj: Stage Tool @ 2422 w/cmt to surface. 150 sx sqz perfs 5018-24 5/19/68, 150 sx sqz perfs 5084-96 5/22/68, reperf 5084-5087 6/24/68. Plugging: Pulled 18 joints, sand to 5050, 5 sx cmt to 4973', 15 sx bottom surface, 10 sx 30'-3'.
05-061-06237	Amoco-Champlin #1	Columbine Exploration Corp	DA	26	263	5000		No			Mississippian Obj: 4/7/1978 300' of drill pipe @ TD, 30 sx @ TD (5321'), 30 sx in top of Miss. (5000), 20 sx in bottom surface casing (263'), 10 sx a top surface casing. 5/21/1990 well found open, not cut off, with water 10' down. 5/9/1996 cmt tagged @ 405', added 40 sx @ 270', 10 sx top surface, 2 sx rathole.
05-061-06890	Lincoln 1748-11-11-HX	Anadarko E&P	AB	26	794	5441	1604	No			Horizontal well: Spergen (=Mississippian) Obj: CIGR @ 5446'-perf @ 5630' + 20 sx, 20 sx 3441'-3547', 20 sx 1490'-1596', CIGR @ 747'-perf @ 846 + 44 sx, perf @ 108' + 50 sx. Well was sidetracked.
05-061-06564	Dunlap UPR #2-11	Flexx Resources	DA	26	451	5023		No			Mississippian Obj: 40 sx @ 2160'-2260', 40 sx @ 1500'-1600', 40 sx @ 1050'-1150', 30 sx @ 400'-465', 10 sx @ 0'-40', 10 sx mousehole & rathole.
05-061-06737	UPLRC-Dunlap #2-11	Mull Drilling Co Inc	DA	26	499	5100		No			Spergen Obj: 40 sx @ 2110', 40 sx @ 1457', 40 sx @ 1209', 40 sx @ 352' half in/half out, 15 sx @ surface (60'), 5 sxs each in mousehole and rathole. (Operator reprimanded for misset of Surf Casing plug.)
05-061-06211	Champlin-Dunlap #1	CLC Operations	PA	26	318	5088		No			Spergen Obj: rubber plug @ 4680' w/5 sx, 25 sx @ 1500', 25 sx @ 800', 25 sx @ 320', 10 sx 28'-3'.
05-061-06783	Tempel #2-12	Mull Drilling Co Inc	PA	26	478	5074	4290	No			Mississippian-Spergen Obj: Spergen Top=KOEHLER, Stage Tool @ 2589 135 sx, perfs @ 5089-94 sqz w/50 sx, CIBP @ 5060 + 2 sx, CIBP @ 2700 no cmt, CIBP @ 1360, perf @ 1350 w/100 sx below retainer @ 1250-2 sx on retainer, 10 sx @ 520, 10 sx and top out from 90-0. Dubious cement jobs and plugging.
05-061-06780	Pattie # 2-2	Mull Drilling Co Inc	PA	26	445	4970	4340	No			Mississippian and Spergen Obj: CIBP @ 2250' w/25sx @ 2230', 10 sx @ 410'-480', 10 sx @ surface.
05-061-06767	Quiver Unit #1	Mull Drilling Co Inc	IJ	26	470	4997	4210		No	No	Mississippian (St Louis) Obj: Stage Tool @ 2426 w/cmt to surface.
05-061-06763	Quiver Unit #2	Mull Drilling Co Inc	PR	26	453	4967	4236		No	No	Mississippian (St Louis) Obj: Stage Tool @ 2472 w/cmt to surface.
05-061-06770	Quiver Unit #3	Mull Drilling Co Inc	PR	26	465	4956	4330		No	No	Mississippian (St Louis) Obj: Stage Tool @ 2422 w/cmt to surface.
05-061-06762	Quiver Unit #4	Mull Drilling Co Inc	SI	26	453	4950	4070		No	No	Mississippian Obj: Stage Tool @ 2467 w/cmt to surface.
05-061-06761	Quiver Unit #5	Mull Drilling Co Inc	SI	26	459	4951	4500		No	No	St Louis & Spergen Obj: Stage Tool @ 2486 w/cmt to surface.

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05-061-06738	Quiver Unit #6	Mull Drilling Co Inc	PR	26	455	5011	4500		No	No	Spergen Obj: Stage Tool @ 2406' w/cmt to surface.
05-061-06739	Quiver Unit #7	Mull Drilling Co Inc	PR	26	442	5022	4530		No	No	Spergen Obj: Stage Tool @ 1668' w/cmt to surface.
05-061-06777	Quiver Unit #8	Mull Drilling Co Inc	TA	26	443	4981	4200		No	No	Mississippian & Spergen Obj: Stage Tool @ 2464 w/425 sx, sqz 5080-5088 50 sx, sqz 2571-2634 200 sx. (Compl Rpt#Docs in it)
05-061-06771	Quiver Unit #9	Mull Drilling Co Inc	PR	26	458	5060	4390		No	No	Miss-Spergen Obj: Perf @ 5108 sqz 85 sx, Stage Tool @ 2493 w/425 sx.
05-061-06766	Quiver Unit #10	Mull Drilling Co Inc	SI	26	449	5003	5020		No	No	Mississippian Obj: Stage Tool @ 2487 w/cmt to 600+/- (BK from CBL-Orig Comple Rpt Serv Tkt says not circulated) perfs 5093-5103-Spergen.
05-061-06732	Quiver Unit #11	Mull Drilling Co Inc	PR	26	468	5076			No	No	Spergen Obj: Port Collar @ 1715 with 50 sx, sqz perfs @ 1400-01 w/ 150 sx then 18 sx micro-matrix cmt.
05-061-06776	Quiver Unit #12	Mull Drilling Co Inc	PR	26	431	5005	4286		No	No	Mississippian & Spergen Obj: Stage Tool @ 2590 w/425 sx.
05-061-06779	Pattie # 3-2	Mull Drilling Co Inc	AL								
	Red = On Mull List										