

**P&A Surface Casing Check**

Date	3/16/2021			
Operator	Foundation			
Well Name	Tonmer 1-28		API	125-06079-00
Location	CNE 28 1N45W 6	40.028530 / -102.402610	1320FNL 1320 FEL	
Elevations: GL, TD-MD/TVD, PBTD-MD/TVD (ft)	3863	2437	2400	
Permit Formation	NBRR			
Operator-Existing Surface Casing Depth (ft)	333			
Fox Hills Protection Area 5% Rule (ft)	2437	times .05 + 50	0.05	171.85
Production within	1	mile(s),	NBRR	
Deepest Water Well w/in 1 mile, WW GL (ft)	260		Number of Wells	18
Deepest Water Well w/in 2 miles, WW GL (ft)			Number of Wells	
Deepest Water Well w/in 3 miles, WW GL (ft)			Number of Wells	
Deepest Water Well to consider, WW GL (ft)	260	3863		
Deepest Water Depth corrected for elevation, WW depth + (Local GL - WW GL) + 50' (ft)	260	0	50	310
Base of Fox Hills - SB5 (ft)	NA			
Base of Fox Hills - Cheyenne Basin (ft)	NA			
Base of Fox Hills - Log , GL (ft)	NA	NA	API	NA
Base of Fox Hills - Offset Log corrected for elevation, FH depth + (Local GL - Log GL) + 50'	NA	#VALUE!	50	#VALUE!
Aquifers - High Plains				333
Upper Pierre base - Log, GL (ft)	940	3863	API	125-06079-00
Base of Upper Pierre - Offset Log corrected for elevation, UP depth + (Local GL - Log GL) + 50'	940	0	50	990
Operator Proposed/Existing Surface Casing Depth (ft)	333			333
Minimum Surface Casing Depth (ft)	333			333
Increase Permit Surface Casing Depth	from		to	
Provide Remedial Cement	squeeze	1250	40 sks	
	shoe	383-0	100 sks	

## Oil and Gas Wells within Map Selection

API County	API Sequence	Location ID	Status	Well	Operator	Qtr	Section	Township	Range	Meridian	Lat	Long	Sidetrack	Formation	Top	Bottom	TD	Formation St:
125	5087	410314	DA	AMY E MILLE WYTEX SERV	SWSW		22	1N	45W	6	40.03393	-102.39544						
125	6065	302977	PR	FONTE *1-27 FOUNDATIO	SWNE		27	1N	45W	6	40.02825	-102.38408	0	NBRR		2380	2416	0 PR
125	6079	302987	SI	TONER *1-28 FOUNDATIO	CNE		28	1N	45W	6	40.02853	-102.40261	0	NBRR		2319	2356	2437 SI
125	6502	410683	DA	THOMAS *1- KANSAS-NEB	NWNW		34	1N	45W	6	40.01666	-102.39638						
125	6543	303207	PR	THOMAS *1- FOUNDATIO	NWNW		34	1N	45W	6	40.01672	-102.3962	0	NBRR		2236	2276	2418 PR
125	7168	303560	PR	JESSE *2-33 FOUNDATIO	NENE		33	1N	45W	6	40.01508	-102.40086	0	NBRR		2234	2278	2440 PR
125	7423	303746	SI	FONTE *3-27 FOUNDATIO	NWSW		27	1N	45W	6	40.02119	-102.39361	0	NBRR		2289	2329	2460 SI
125	7424	303747	PR	TONER *2-28 FOUNDATIO	NESE		28	1N	45W	6	40.02128	-102.40183	0	NBRR		2246	2294	2429 PR
125	7546	303830	PR	FONTE *14-2 FOUNDATIO	SWSW		22	1N	45W	6	40.03396	-102.39504	0	NBRR		2292	2334	2479 PR
125	7582	303849	PR	FONTE *23-2 FOUNDATIO	NESW		22	1N	45W	6	40.03785	-102.39184	0	NBRR		2300	2341	2479 PR
125	7597	303862	PR	FONTE *44-2 FOUNDATIO	SESE		21	1N	45W	6	40.03369	-102.3999	0	NBRR		2319	2360	2500 PR
125	7630	303886	PR	TONER *3-28 FOUNDATIO	NESW		28	1N	45W	6	40.02306	-102.40917	0	NBRR		2251	2295	2547 PR
125	7689	303932	PR	GODSEY *42- FOUNDATIO	SENE		29	1N	45W	6	40.02579	-102.41877	0	NBRR		2286	2330	2495 PR
125	7735	411128	AL	FONTE *22-2 PLAINS PETR	SENW		27	1N	45W	6	40.02574	-102.38977						
125	7736	303970	PR	FONTE *31-2 FOUNDATIO	NWNW		27	1N	45W	6	40.03061	-102.38642	0	NBRR		2244	2286	2536 PR
125	7737	411129	AL	TONER *11-2 PLAINS PETR	NWNW		28	1N	45W	6	40.02853	-102.41335						
125	7738	303971	PR	TONER *22-2 FOUNDATIO	SENW		28	1N	45W	6	40.02617	-102.41033	0	NBRR		2310	2350	2599 PR
125	7739	303972	PR	TONER *14-2 FOUNDATIO	SWSW		28	1N	45W	6	40.01939	-102.41417	0	NBRR		2274	2317	2571 PR
125	7740	303973	PR	TONER *34-2 FOUNDATIO	SWSE		28	1N	45W	6	40.01914	-102.40658	0	NBRR		2236	2280	2565 PR
125	7834	304028	PR	GODSEY *44- FOUNDATIO	SESE		20	1N	45W	6	40.03363	-102.41885	0	NBRR		2368	2388	2590 PR
125	7868	304047	PR	FONTE *34-2 FOUNDATIO	SWSE		21	1N	45W	6	40.03366	-102.40399	0	NBRR		2314	2354	2530 PR
125	7896	304066	PR	WILLIAMS *1 FOUNDATIO	NWSW		21	1N	45W	6	40.03648	-102.41325	0	NBRR		2294	2338	2495 PR
125	7897	304067	PR	WILLIAMS *1 FOUNDATIO	SWSW		21	1N	45W	6	40.03401	-102.41481	0	NBRR		2312	2354	2520 PR
125	7934	304094	PR	TONER *12-2 FOUNDATIO	SWNW		28	1N	45W	6	40.02653	-102.41461	0	NBRR		2347	2389	2625 PR
125	8091	304218	PR	GODSEY *22- FOUNDATIO	SENW		21	1N	45W	6	40.04103	-102.40946	0	NBRR		231	2270	2468 PR
125	8201	304292	PR	FONTE *22-2 FOUNDATIO	SENW		27	1N	45W	6	40.02778	-102.39014	0	NBRR		2239	2277	2482 PR
125	2380	302963	PR	FONTE *43-2 FOUNDATIO	NESE		21	1N	45W	6	40.03757	-102.4003	0	NBRR		2278	2306	2505 PR
125	8982	411437	DA	FONTE *42-2 NOBLE ENER	ISENE		21	1N	45W	6	40.0413	-102.40032						
125	8987	304788	PR	FONTE *32-2 FOUNDATIO	SWNE		21	1N	45W	6	40.0413	-102.40503	0	NBRR		2324	2354	2500 PR
125	9062	304849	PR	WILLIAMS *2 FOUNDATIO	SESW		21	1N	45W	6	40.03393	-102.40971	0	NBRR		2346	2376	2522 PR
125	9063	304850	PR	WILLIAMS *2 FOUNDATIO	NESW		21	1N	45W	6	40.03755	-102.40978	0	NBRR		2330	2360	2522 PR
125	9092	304875	PR	FONTE *24-2 FOUNDATIO	SESW		22	1N	45W	6	40.03395	-102.39089	0	NBRR		2252	2282	2430 PR
125	9094	304877	PR	FONTE *34-2 FOUNDATIO	SWSE		22	1N	45W	6	40.03489	-102.38601	0	NBRR		2260	2290	2460 PR
125	9141	304916	PR	GODSEY *41- FOUNDATIO	NENE		29	1N	45W	6	40.03028	-102.41957	0	NBRR		2338	2368	2537 PR
125	9143	304918	PR	TUSTIN *43-2 FOUNDATIO	NESE		29	1N	45W	6	40.02301	-102.41893	0	NBRR		2314	2344	2548 PR
125	9147	304922	PR	BROWN *31- FOUNDATIO	NWNE		33	1N	45W	6	40.01579	-102.40468	0	NBRR		2266	2296	2454 PR
125	9192	304952	PR	FONTE *33-2 FOUNDATIO	NWSE		21	1N	45W	6	40.03757	-102.405	0	NBRR		2288	2328	2490 PR
125	9225	304983	PR	FONTE *13-2 FOUNDATIO	NWSW		22	1N	45W	6	40.03758	-102.39559	0	NBRR		2294	2324	2498 PR
125	9371	336753	PR	FONTE *12-2 FOUNDATIO	SWNW		22	1N	45W	6	40.04128	-102.3956	0	NBRR		2336	2366	2525 PR
125	9579	336924	PR	TONER *41-2 FOUNDATIO	NENE		28	1N	45W	6	40.03061	-102.40056	0	NBRR		2340	2352	2510 PR
125	9581	336926	PR	BROWN *23- FOUNDATIO	NESW		27	1N	45W	6	40.02394	-102.39206	0	NBRR		2282	2294	2490 PR
125	9582	336927	PR	BROWN *33- FOUNDATIO	NWSE		28	1N	45W	6	40.02392	-102.40603	0	NBRR		2256	2268	2460 PR
125	9583	336928	PR	TONER *24-2 FOUNDATIO	SESW		28	1N	45W	6	40.0205	-102.40917	0	NBRR		2290	2302	2460 PR
125	9584	336929	PR	TONER *21-2 FOUNDATIO	NENW		28	1N	45W	6	40.03064	-102.40994	0	NBRR		2316	2329	2520 PR
125	9585	336930	PR	TONER *11-2 FOUNDATIO	NWNW		28	1N	45W	6	40.03044	-102.41444	0	NBRR		2356	2368	2550 PR
125	9586	336931	PR	TONER *13-2 FOUNDATIO	NWSW		28	1N	45W	6	40.02394	-102.41325	0	NBRR		2331	2343	2540 PR
125	9589	336934	PR	FONTE *33-2 FOUNDATIO	NWSE		27	1N	45W	6	40.02478	-102.38678	0	NBRR		2273	2285	2530 PR
125	9596	336941	PR	FONTE *11-2 FOUNDATIO	NWNW		27	1N	45W	6	40.03047	-102.39464	0	NBRR		2311	2321	2510 PR
125	9597	336942	PR	FONTE *12-2 FOUNDATIO	SWNW		27	1N	45W	6	40.02636	-102.3955	0	NBRR		2301	2313	2490 PR
125	9598	336943	PR	FONTE *21-2 FOUNDATIO	NENW		27	1N	45W	6	40.0305	-102.39114	0	NBRR		2284	2294	2500 PR
125	9601	336946	PR	BROWN *44- FOUNDATIO	SESE		28	1N	45W	6	40.01964	-102.39986	0	NBRR		2285	2297	2480 PR
125	9884	337177	AL	TONER *42-2 PDC ENERGY	SENE		28	1N	45W	6	40.02751	-102.39918						
125	11683	411784	AL	TONER *31-2 PDC ENERGY	NWNE		28	1N	45W	6	40.02899	-102.40646						



Water Wells within Map Selection							260	230	260 ft	
Receipt	Permit	Water Well	Quarter	Section	Township	Range	Depth	Top Perf	Bottom Perf	Aquifer
	7990	2450-AD PRICE, ERNEST L	NENW	21	1.0 N	45.0 W				ALL UNNAMED AQUIFERS
	9069290	30106- MILLER, AMY	NESW	21	1.0 N	45.0 W	40	116	138	ALL UNNAMED AQUIFERS
	89402	96499--A FONTE, ALAN	SESW	21	1.0 N	45.0 W	230	200	230	ALL UNNAMED AQUIFERS
	9071036	96499- FONTE, ALAN	SESW	21	1.0 N	45.0 W				ALL UNNAMED AQUIFERS
	9069970	50193- FONTE, ALAN	SESW	22	1.0 N	45.0 W	225	195	225	ALL UNNAMED AQUIFERS
	9071157	103546- FONTE, ALAN	SESW	22	1.0 N	45.0 W	260	230	260	ALL UNNAMED AQUIFERS
	9071177	106332- FONTE, ALAN	SWSW	22	1.0 N	45.0 W	240	122	240	ALL UNNAMED AQUIFERS
	260889	142699- FONTE, ALAN	NESW	27	1.0 N	45.0 W	240	200	240	OGALLALA
	9066907	6969-R FONTE, ALAN	NWNW	27	1.0 N	45.0 W	254			OGALLALA
C630007	7-WCB	FENTE, HARRY	NWNW	27	1.0 N	45.0 W	260			ALL UNNAMED AQUIFERS
	912563	87158- JESSE, GUSTAVE	SWNW	27	1.0 N	45.0 W				OGALLALA
0496169A	242714-	JONES, ANNETTE	NENW	28	1.0 N	45.0 W	90			ALL UNNAMED AQUIFERS
0496169B	242714--	JONES, ANNETTE	NENW	28	1.0 N	45.0 W	250	230	250	OGALLALA
	9068999	23368- TONER, VERNON	NWSE	28	1.0 N	45.0 W	129			ALL UNNAMED AQUIFERS
	9068829	21126-R JESSE GUSTAV & FLO	SENE	28	1.0 N	45.0 W	257			ALL UNNAMED AQUIFERS
	9071114	100601- JESSE, GUSTAVE	SENE	28	1.0 N	45.0 W	246	226	246	OGALLALA
C630006	6-WCB	JESSE, GUS	SWNW	28	1.0 N	45.0 W	260			ALL UNNAMED AQUIFERS
	9069193	27438- TONER, VERNON	NWNW	34	1.0 N	45.0 W	104			ALL UNNAMED AQUIFERS