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API 15-099-24678  
28-32-18E

Bart Lorenz  
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508 21500 Road  
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620-330-8443

Samantha Myers #1 7-25-12 Drilled 11" hole, Set 20' of 8 5/8"  
surface with 6 sacks cement.

7-26-12 Drilled a 6 3/4" hole .

0-4	dirt	272' 0
4-10'	lime	391' slight blow
10-134'	shale	492' 2" on 1/2"
134-140	lime	544' 3" on 1/2"
140-154	shale	573' 3" on 1/2"
154-164	lime	754' 3" on 1/2"
164-188	shale	784' 13" on 1/2"
188-206	lime	907' 13" on 1/2"
206-212	shale	
212-224	lime	
224-229	black shale	
229-244	lime/shale	
244-254	shale	
254-259	sand	
259-275	sandy shale	
275-360	shale	
360-386	lime pawnee h20 at top	
386-389	black shale	
389-453	shale	
453-484	lime	
484-488	black shale	
488-489	coal	
489-519	lime	
519-522	black shale	
522-523	coal	
523-525	shale	
525-529	lime	
529-563	shale	
563-565	coal	
565-584	shale	
584-586	lime	
586-594	shale	
594-595	coal	
595-602	shale	
602-603	coal	
603-624	shale	
624-626	coal	
626-704	shale	