



ADW

# Henkle

DRILLING & SUPPLY CO., INC.

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A Hydro Resources Company  
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P.O. Box 639  
GARDEN CITY, KS 67846

CUSTOMER'S NAME MARLIN HEGER DATE 11-25-09  
STREET ADDRESS RT 1 - Box 62 TEST #      E. LOG       
CITY & STATE HUGARON, KS 67951 DRILLER Dennis Fizzell  
COUNTY Stevens QUARTER SW SECTION 10 TOWNSHIP 32 RANGE 36  
RIG # 38 WO 4402

LOCATION From old well - 100' N + 11' W  
G.P.S. 37.27384° N 101.23642° W Elev 3697

Well Location

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>280</u>
	From	Pay	To		Proposed Well Depth: <u>681</u>
	0		2	Surface	- Set up North
	2		60	Brown Clay, Silty Sand	- Pit to East
	60		75	Red-Brown Clay, fine sand	✓ 2 - Max Gel
	75		90	Sand, fine	✓ 12 - Gopher Gneiss
	90		101	Brown-White Clay, fine sands	✓ 6 - Bentonite Plug
	101		115	Sand, fine to med, coarse	1 - Perme Plug
	115		124	Brown Clay, limestone	
	124		131	Brown Sand	
	131		181	Brown Clay, limestone (Clam + sticky) some white clay, fine sand	
	181		218	Sand, fine to med, coarse, some clays	
	218		227	Sand, fine to med, coarse, small to med gravel	
	227		275	Brown Clay, fine sands (sticky + clam)	
	275		282	Sand, fine to med, coarse	
	282		290	Brown Clay	
30%	290	10	300	Sand, fine to med, coarse	
35%	300	40	340	Sand, fine to med, coarse, small gravel, fine med, few brown rocks	
30%	340	100	440	Sand, fine to med, coarse, fine small gravel, few thin clay	
35%	440	37	477	Sand, fine to med, coarse, small med gravel, few brown	
	477		484	Brown Clay (sticky) (Shifting sands + gravels)	
15%	484	21	505	Sand, fine to small med (tight + cemented)	
30%	505	15	520	Sand, fine to med, coarse, thin clays	
25%	520	25	545	Sand, fine to med, some coarse	
	545		550	Brown Clay (sticky)	} used a little water
30%	550	14	564	Sand, fine to med, coarse	
	564		574	Yellow-brown Clay (sticky) fine sand	
20%	574	39	613	Sand, fine to small med	
10%	613	12	625	Brown Clay, sand's mixed (tight)	
20%	625	20	645	Sand, fine to small med	
15%	645	10	655	Sand, fine to small, clay mixed, med	
40%	655	21	676	Sand, fine to med, coarse, small to fine med, few brown rock (used some water)	
	676		690	Red Bed	
			364		
				≡ Note Salt Water line 20' West ≡	
				≡ Big Rq curve 4' West set up Same ≡	