



NOV

# Henkle

DRILLING & SUPPLY CO., INC.

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A Hydro Resources Company  
MARLIN HEGER 620-544-8951  
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P.O. Box 639  
GARDEN CITY, KS 67846

CUSTOMER'S NAME MARLIN HEGER DATE 11-24-09  
STREET ADDRESS RT-1-Box 62 TEST # 1 E. LOG ---  
CITY & STATE HUGOTON, KS 67951 DRILLER Davis Fezzell  
COUNTY Stevens QUARTER 10W SECTION 10 TOWNSHIP 32 RANGE 36  
RIG # 38 WO 4403

LOCATION 1.85' NORTH of EXISTING WELL  
G.P.S. 37.27912° N 101.23046° W Elev 3030

Well Location

STATIC WATER LEVEL: 280'  
Proposed Well Depth: 660'

%	FOOTAGE			DESCRIPTION OF STRATA	
	From	Pay	To		
	0		2	Surface	
	2		23	Brown Clay, calcic	
	23		37	Brown-white clay, silty, sands	
	37		50	Sand, fine	
	50		60	Brown Clay	
	60		79	Red-brown Clay, few sand	
	79		123	Sand, fine to med, coarse, small to med gravel, brown rock, / calc	
	123		140	Brown Clay, limestone	
	140		160	Brownish clay, limestone	
	160		232	Sand, fine to med, coarse	
	232		250	Brown Clay, few sand	
	250		265	Sand, fine to small	
	265		276	Brown Clay (sticky)	
	276		282	Sand, fine to med, coarse	
	282		297	Brown Clay	
30%	297	20	317	Sand, fine to med, coarse	
	317		333	Brown Clay	
30%	333	107	440	Sand, fine to med, coarse, few small gravel, few thin clay	
35%	440	24	464	Sand, fine to med, coarse, few small, med gravel, brown + white rock	
5%	464	16	480	Brown Clay (sticky + firm) few silty sand	
10%	480	8	488	Sand, fine to small (tight)	
30%	488	20	508	Sand, fine to med, coarse	} used a little water
10%	508	15	523	Yellow clay, sand, gravel (tight)	
20%	523	22	545	Sand, fine to med	
30%	545	35	580	Sand, fine to med, coarse, few small gravel (used some water)	
35%	580	26	606	Sand, fine to med, coarse, small gravel, few brown + white rock	
10%	606	11	617	Sand, fine, yellow + white clay, coarse	
10%	617	6	623	Yellow + white Clay, silty sands	
15%	623	10	633	Sand, fine to small (tight)	- Test Rig -
40%	633	22	655	Sand, fine to med, coarse, small to fine med	- Set up Wash -
	655		670	Red Bed	- Pit to EAST -
					✓ 2 - Max Gel
					✓ 11 - Gopher Grout
					✓ 6 - Bentonite Plug
					1 - Perma Plug
		342			
				Note: Salt Water line 20' West =	
				EBig Rig, Make 4 West, Set up Same =	