

26.065

KSA 82a-1212

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DRILLING & SUPPLY CO., INC.

A Hydro Resources Company

3795 W. Jones Ave.

620-277-2389

FAX 620-277-0224

P.O. Box 639

GARDEN CITY, KS 67846

CUSTOMER'S NAME Worow Rorae Trust

STREET ADDRESS _____

CITY & STATE _____

COUNTY Keokuk QUARTER SE SECTION 24 TOWNSHIP

RIG # 36 WO 4365

LOCATION From old well - 255' W + 115' N

G.P.s - 37.86135°N 101.21847°W Elev. 3030 W/F

DATE 11-9-09

TEST # 5 E. LOG

DRILLER Donna Frazier

25 RANGE 36

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the control group. The experimental group was divided into two subgroups: the experimental group and the experimental group.

WELL LOCATION

FOOTAGE				DESCRIPTION OF STRATA	STATIC WATER LEVEL:
%	From	Pay	To		Proposed Well Depth:
	0		1	Blow Sand	230
	1		10	Sand, fine	465
	10		17	Brown Clay	
	17		65	Sand, fine to med, coarse, small to large gravel, some rubble stone / used water	
	65		97	Brown Clay	
	97		175	Sand, fine to med, coarse, small to med gravel, thin clays	
	175		182	Blue Clay	
	182		210	Sand, fine to med, coarse, clays, ledges	
	210		218	Brown + Blue Clay (sticky) (Stiffening Sands)	
30%	218	20	250	Sand, fine to med, coarse, thin clays	
	250	—	305	Brown Clay, few limonite, fine sand	
20%	305	12	317	Sand, fine to small, fine med & coarse	
	317	—	342	Brown Clay (sticky) (Stiffening sands)	
30%	342	47	389	Sand, fine to med, coarse, fine small gravel, thin clays	
20%	389	6	395	Sand, fine to med	
10%	395	16	411	Prairie yellow sandstone, scarpstone (cemented) (Stiffening Sands)	
10%	411	9	420	Scarpstone, some sandstone	
10%	420	10	430	Yellow Scarpstone, & sandstone	
	430	—	443	Gray shale, fine scarpstone	
5%	443	17	460	Gray Scarpstone, some sand stone (used a little water)	
	460	—	490	Gray Scarpstone, limestone (stiff clay)	
	490	—	508	Scarpstone, limestone (stiffening sands & clays)	
	508	—	520	Shale	
		137			
					- TEST Rig -
					- Set up East -
					- Pit to South.
					✓ 5 - Max Gel
					✓ 5 - Gopher Grout
					✓ 6 - Bentonite Plug
					1 - Home Plug
					✓ 1 - Seals Ash .

SERVING THE GREAT SOUTHWEST *with* WATER, WHERE AND WHEN YOU WANT IT.