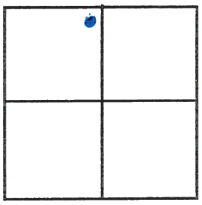
Sec. _____ Blk 19-32-32

Survey _____ Co. Seward

N. 37.25696 W. 100.84535



DATE 04-12-14

Hydro resources

P.O. Box 784
Sunray, Texas 79086
(806) 948-4421

Test ☐ Waterwell ☑

NO. DRR #1

№ 19814

McPherson College
Seward
c/o Peoples Bank & Trust
601 E 30th
Hutchinson, Ks 67502
Ryan Hamlin 620-544-6473

FROM	TO	DESCRIPTION	SAND
0	40	Surface Soil to Clay, Sand & Gravel	
40	100	Clay, Sand & Gravel	
100	200	Clay, Sand & Gravel	
200	300	Fine, med & coarse Sand & Gravel w/ minin clay Strips	
300	400	Fine, med & coarse Sand & Gravel w/minin clay strips	
400	492	Fine, med & coarse Sand & Gravel w/ minin clay Strips to Red Clay	
252'+	492'	16" 1250 Steel casing	
		.100 mill Slot Perf 104 Per foot	240'
		No Sump 24" Borehole	
		Kwik Gravel 90F/10C	
		Cement Surface to 15 FT	
		Complete 8X16x1 cement Pad	
		W.L. EST Prod GPM	
		well located N Liberal	
		No cont. Sources	
		Reverse circ Drill method	
		1" O/D Tube Installed	

Hydro resources

№ 10542

FIELD REPORT

Type of Work: Bail New Well
Date: 4-12-14
Name: Ryan Hamlin / Hamlin Farms
Well Location: N. Liberal KS
Gps Cord: N 37.25696 W -100.84535
Sec_____Blk_____
Town Ship_____
Survey _____ Range_____ Co. Seward

SETUP

Pump Set/Pull: _____
Friction Loss: _____
_____ PSI: _____
Total Head: _____
_____gpm _____eff _____hp

WELL INFORMATION

Depth: 492 Bail Hours: 6 1/2
Water Level: 266 2" cleanout

PUMP INFORMATION

Make: _____
Type: _____ Stages: _____
Column--Size: _____ x _____ Thd _____
Tube Line & Shaft: _____
Size: _____ x _____ x _____
DischargeHead--Make: _____
Size: _____
Headshaft Size: _____

GEARHEAD/MOTOR INFORMATION

Make:_____ s/n _____ Date Code _____
Model: _____ Ratio: _____ to _____
Driveline Size: _____
Flange Size: _____

Curtis Daffern
Hydro. Rep.

Keegan Howell
Helper

_____
Helper

Materials Furnished/Brought to Shop

Quan	Description	Size
	Bowl Assembly	
	Discharge Head	
	Column Pipe	
	Tube & Shaft	
	Spiders	
	Pd, Svt & Doil	
1	Mob	
	Brush	
	Bailing	
	Rig Time	
	Field Time	
	Machine Time	

Remarks

NO DIG
very little fine sand
no gravel stop

23698

McPherson College
RYAN HAMLIN

10/24/12

L.C. BURKETT, JR.
DRILLING COMPANY

(WE TEST THE EARTH)
Phone 806-948-4252
P.O. Box 630
SUNRAY, TEXAS 79086

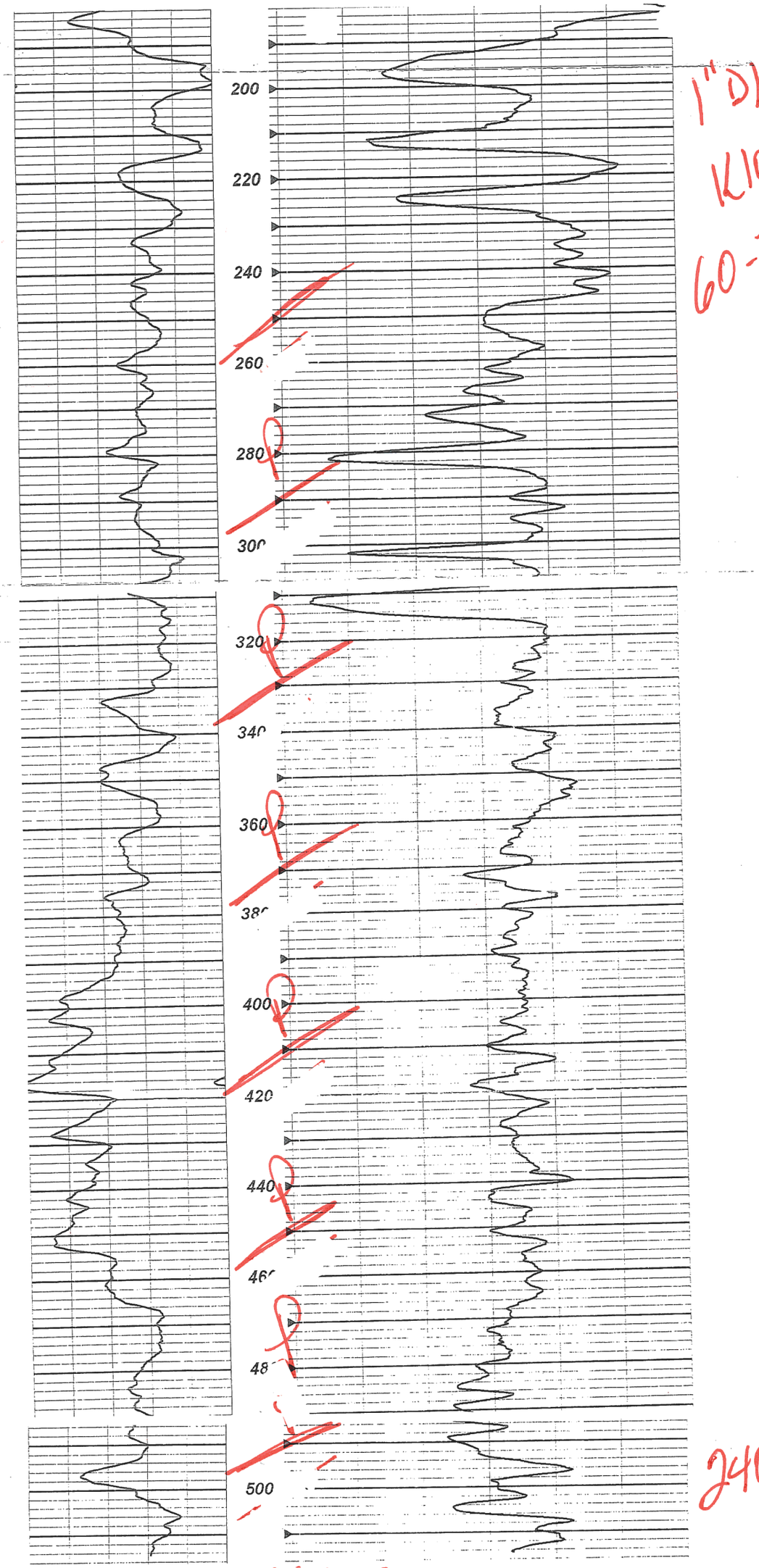
Sec. ____ Blk. ____ Sur. ____

254116
N 37° 15' 24.7"
W 100° 50' 43.3"
840555

Test No. 1

County Seward

FROM	TO	DESCRIPTION	SAND
0	200	surface clay sand + gravel "loose"	
200	220	fine to medium coarse sand + gravel "fairly loose" w/ few clay stringers	3-dirty 16
220	240	fine to medium coarse sand + gravel "fairly loose" using little water	2-dirty 18
240	260	fine to medium coarse sand + gravel "loose" using little water	3-dirty 17
260	280	fine to medium coarse sand + gravel "loose" using little water	1-dirty 19
280	300	fine to medium coarse sand + gravel "loose" w/ occ dirty streaks + clay stips "280-285" using little water	4-dirty 15
300	320	fine to medium coarse sand + gravel "loose" w/ occ clay + dirty sand streaks "310-316" using little water	2-dirty 14
320	340	fine to medium coarse sand + gravel "loose" w/ one clay stip "334" using little water	1-dirty 18
340	360	fine to medium coarse sand + gravel "loose" "little"	1-dirty 19
360	380	fine to medium coarse sand + gravel "loose" "little"	3-dirty 17
380	400	fine to medium coarse sand + gravel "lose" "little"	3-dirty 17
400	420 *	fine to medium coarse sand + gravel "loose" "little"	5-dirty 15
420	440	fine to medium coarse sand "loose"	1-dirty 19
440	460	fine to medium sand "very loose" using little water	3-dirty 17
460	480	red fine to med. coarse sand + gravel "red" "very loose" w/ few clay stringers + tight streaks "475-480"	10-dirty 9
480	500	fine to med. coarse red sand to firm red clay w/ alibate strips + fine sand strips "480-485" "tight + dirty" "485-500" occ	5-dirty 3
500	520	white alibates w/ occ firm red clay streaks + loose strips "little hard"	



1" D/D
K10Hz
60-Ton 90/10C

240' perf

490' TD

WELD Plate In Bottom PERF