EXHIBIT "E4" part 1

TO

EXHIBIT "1"

TO STIPULATION RE: GROUNDWATER PUMPING AND WATER USE BY BOLTHOUSE PROPERTIES, LLC

#2

Well:	
Meter:	
Legal:	
Location:	aval 14-3-S

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DePew H.P.: 300 Volts: R.P.M.: Serial #: B 810082
Frame: Type: Pump: Type Oil Lube:

Date:	11-21-06								
Standing Water	14 Lbs	366							
Draw Down		21.5							
Pumping Level	5 Lbs	387							
Lift Above Discharge		138							
Total Lift		525							
G.P.M.		1246							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1793	151	60 Lbs	(1200 gpm)		10" 1250			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

3

Well:	
Meter:	
Legal:	
Location:	airal 21-1

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 450 Volts: R.P.M.: 1681 Serial #: C111080

Frame: Type: Pump: Type Oil Lube:

Date:	11-20-06								
Standing Water	325'								
Draw Down	19								
Pumping Level	344'								
Lift Above Discharge	27.7								
Total Lift	371.7								
G.P.M.	2261								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1681	12Lbs	27.4	10"	250 mall				
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

18

Well:	
Meter:	
Legal:	
Location:	Dach 29-3

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 450 Volts: R.P.M.: 1786 Serial #: 6109014

Frame: Type: Pump: Type Oil Lube:

Date:	11-27-06								
Standing Water	333'								
Draw Down	31								
Pumping Level	364'								
Lift Above Discharge	35								
Total Lift	399								
G.P.M.	2030								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1786	246	15 LBS	(2000 gal)		1250			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

19

Well:	
Meter:	
Legal:	
Location:	Hammon 29-1

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Dalton H.P.: 400 Volts: R.P.M.: 1750 Serial #: C105053

Frame: Type: Pump: Type Oil Lube:

Date:	11-27-06								
Standing Water	322'								
Draw Down	43								
Pumping Level	365'								
Lift Above Discharge	60								
Total Lift	425								
G.P.M.	2071								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	25.8	2.6 LBS	(2200 gal.)	10 3/4 OD	250 wall.			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

#5

Well:	
Meter:	
Legal:	
Location: Laird 13-3	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 450 Volts: R.P.M.: Serial #: C111071

Frame: Type: Pump: Type Oil Lube:

Date:	11-22-06								
Standing Water	278' 24 Lbs								
Draw Down									
Pumping Level	326' 42 Lbs								
Lift Above Discharge	73.9								
Total Lift	399.9								
G.P.M.	1898								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1800	23	32 Lbs		(1500) gal.		10" .250		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

9

Well:	
Meter:	
Legal:	
Location:	Min-22-2W

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRam H.P.: 300 Volts: R.P.M.: 1789 Serial #: B901032

Frame: Type: Pump: Type Oil Lube:

Date:	11-20-06								
Standing Water	270'								
Draw Down	33								
Pumping Level	303'								
Lift Above Discharge	127								
Total Lift	430								
G.P.M.	2100								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1289	21.6	55 lbs	(2100) gpd		10"	.250 wall.		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

13

Well:	
Meter:	
Legal:	
Location: Min 23-4	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: H.P.: Volts: R.P.M.: 1773 Serial #:

Frame: Type: Pump: Type Oil Lube:

Date:	11-22-06								
Standing Water	290'								
Draw-Down	39								
Pumping Level	329'								
Lift Above Discharge	46								
Total Lift	375								
G.P.M.	1329								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1773	16.1	20 Lbs	Flow Meter (1900)		10"	200 well		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

8

Well:	
Meter:	
Legal:	
Location:	Men 22 21

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: De Pam H.P.: 300 Volts: R.P.M.: 1800 Serial #: B609034

Frame: Type: Pump: Type Oil Lube:

Date:	11-21-06								
Standing Water	271'								
Draw Down	38								
Pumping Level	309'								
Lift Above Discharge	46								
Total Lift	355								
G.P.M.	1064								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1800	12.9	20 Lbs	(1500 gal)		10"	250 well		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

11

Well:	
Meter:	
Legal:	
Location: Mun 22-4	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 200 Volts: R.P.M.: 1790 Serial #: C40111
Frame: Type: Pump: Type Oil Lube:

Date:	11-21-06								
Standing Water	288'								
Draw Down	47								
Pumping Level	336'								
Lift Above Discharge	116								
Total Lift	450.5								
G.P.M.	1692								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1790	20.5	50 LHS		10", 250 wall				
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Min 23-3

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRam H.P.: 350 Volts: R.P.M.: 1270 Serial #: C904153

Frame: Type: Pump: Type Oil Lube:

Date:	12-1-06								
Standing Water	286'								
Draw Down	19								
Pumping Level	305'								
Lift Above Discharge	90								
Total Lift	395								
G.P.M.	1100								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1270	1120	39Lbs	(1100gpl)	[illegible]310"	max	.250		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

10

Well:	
Meter:	
Legal:	
Location:	Min 22-3

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRam **H.P.:** 300 **Volts:** **R.P.M.:** 1750 **Serial #:** B201046

Frame: **Type:** **Pump:** **Type Oil Lube:**

Date:	11-20-06								
Standing Water	283'								
Draw Down	63								
Pumping Level	346'								
Lift Above Discharge	134								
Total Lift	480								
G.P.M.	882								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	1017	682 lbs	1300 gal	10" .250 wall.				
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

6

Well:	
Meter:	
Legal:	
Location:	Mun 21-3-E

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: De Ran H.P.: 300 Volts: R.P.M.: 1800 Serial #: B 805 149

Frame: Type: Pump: Type Oil Lube:

Date:	11-21-06								
Standing Water	281'								
Draw Down	40								
Pumping Level	321'								
Lift Above Discharge	46								
Total Lift	367								
G.P.M.	1300								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1800	11	20 Lbs	(1300 gpl)		10"	.250 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

7

Well:	
Meter:	
Legal:	
Location:	Min 21-3-W

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRam H.P.: 400 Volts: R.P.M.: 1806 Serial #: B710008

Frame: Type: Pump: Type Oil Lube:

Date:	11-20-06								
Standing Water	312'								
Draw Down	33								
Pumping Level	345'								
Lift Above Discharge	106								
Total Lift	451								
G.P.M.	2000								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1806	16 amp	46 lbs	(2000 gal)					
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

40

Well:	
Meter:	
Legal:	
Location:	Turner N-W

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRAN H.P.: 200 Volts: R.P.M.: Serial #: B712105

Frame: Type: Pump: Type Oil Lube:

Date:	12-29-06								
Standing Water	120'								
Draw Down	55								
Pumping Level	175'								
Lift Above Discharge	92								
Total Lift	26[illegible]								
G.P.M.	1172								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1250	142	40Lbs	(1000)Δ		Prm	10" .250 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

28

Well:	
Meter:	
Legal:	
Location: Pardee 28-1 S	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: De Ron H.P.: 350 Volts: R.P.M.: 1778 Serial #: B908084

Frame: Type: Pump: Type Oil Lube:

Date:	11-28-06								
Standing Water	326'								
Draw Down	25								
Pumping Level	351								
Lift Above Discharge	92								
Total Lift	443								
G.P.M.	1600								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1778	12.3	40 lbs	(1600 gal)		10" IPS	.250 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

21

Well:	
Meter:	
Legal:	
Location: Pondera 20-3 W	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 15 350 Volts: R.P.M.: 1780 Serial #: C304155

Frame: Type: Pump: Type Oil Lube:

Date:	11-27-06								
Standing Water	?								
Draw Down									
Pumping Level	? con't set								
Lift Above Discharge									
Total Lift		1500							
G.P.M.									
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1780	12.7	44 lbs	(1600 gal)		.250 well			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

22

Well:	
Meter:	
Legal:	
Location:	Pardee 20-3 m

(20-3E)

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DePass H.P.: 200 Volts: R.P.M.: 1809 Serial #: B 903114

Frame: Type: Pump: Type Oil Lube:

Date:									
Standing Water	304'								
Draw Down	31								
Pumping Level	335'								
Lift Above Discharge	65								
Total Lift	399								
G.P.M.	1163								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1809	14:1	28 lbs	(1175 gpm)		10"	.250 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

24

Well:	
Meter:	
Legal:	
Location:	Pardee 20-4-[illegible]

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 350 Volts: R.P.M.: 1787 Serial #: B908082

Frame: Type: Pump: Type Oil Lube:

Date:									
Standing Water	can't get								
Draw Down									
Pumping Level									
Lift Above Discharge		106							
Total Lift									
G.P.M.		1758							
GPM/FT									
AC Ft. In. 24 Hrs.	1787	46 Lbs	2.7.3	(1800 RPM)		10" TPS	.375 wall		
HP Input RPM	↓								
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

~~25~~ ~~24~~ 25

Well:	
Meter:	
Legal:	
Location:	Pander 20-4-N

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DaRan H.P.: 460 Volts: R.P.M.: 1773 Serial #: C111081

Frame: Type: Pump: Type Oil Lube:

Date:	11-28-06								
Standing Water									
Draw Down	can								
Pumping Level	not Get								
Lift Above Discharge		92							
Total Lift									
G.P.M.		1329							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1773	16.1	40 lbs	(1700 gl)			12" IPS	.250 wall	
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

29

Well:	
Meter:	
Legal:	
Location: Parvee 28-3	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 200 Volts: R.P.M.: 1783 Serial #: B912065

Frame: Type: Pump: Type Oil Lube:

Date:	11-28-06								
Standing Water	327'								
Draw Down	14								
Pumping Level	341'								
Lift Above Discharge	88'								
Total Lift	429								
G.P.M.	964								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1783	38 Lbs	1.67	(1200 gal)		10"	.250 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Pasder 30-3

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 200 Volts: R.P.M.: Serial #: B712099
Frame: Type: Pump: Type Oil Lube:

Date:	11-22-06								
Standing Water	329'								
Draw Down									
Pumping Level	?								
Lift Above Discharge	461.2								
Total Lift									
G.P.M.	652								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1600	7.9	20 Lbs	(850)		10"	200		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location: Powell 28-1-7	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 350 Volts: R.P.M.: 1780 Serial #: B910027

Frame: Type: Pump: Type Oil Lube:

Date:									
Standing Water	318'								
Draw Down	23								
Pumping Level	341'								
Lift Above Discharge	97								
Total Lift	438								
G.P.M.	1229								
GPM/FT									
AC Ft. In. 24 Hrs.	1780	14.9	42	(1800 gal.)		TPS 10"	1250 watt		
HP Input RPM									
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

31

Well:	
Meter:	
Legal:	
Location: Pecan	21-45

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 300 Volts: R.P.M.: Serial #: C112039

Frame: Type: Pump: Type Oil Lube:

Date:	12-13-06								
Standing Water	Could								
Draw Down	not								
Pumping Level	get								
Lift Above Discharge	141'								
Total Lift									
G.P.M.	817								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1800	9.9	61 lbs		(1000)		10"	250 watt	
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

51

Well:	
Meter:	
Legal:	
Location: Rowan -2-6	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DERAN H.P.: 300 Volts: R.P.M.: Serial #: C 208080

Frame: Type: Pump: Type Oil Lube:

Date:	1-3-07								
Standing Water	240'								
Draw Down	60								
Pumping Level	300'								
Lift Above Discharge	138								
Total Lift	438								
G.P.M.	1073								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1500	13	60 lb				10" .250 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Rowan 2-2

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Amarillo H.P.: 250 Volts: R.P.M.: Serial #: 52.50202445
Frame: Type: Pump: Type Oil Lube:

Date:	1-3-07								
Standing Water	202'								
Draw Down	34								
Pumping Level	236'								
Lift Above Discharge	129								
Total Lift	365								
G.P.M.	450								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1550	5.5	56 Lbs	(500) B Pm		10" .250 wall			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location: Rowan 2-1	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Dr-RAM H.P.: 300 Volts: R.P.M.: Serial #: C060-A18800113

Frame: Type: Pump: Type Oil Lube:

Date:	1-2-07								
Standing Water	418' 28 Lbs								
Draw Down	44								
Pumping Level	462 10 Lbs								
Lift Above Discharge	102								
Total Lift									
G.P.M.	1133								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	212	27 Lbs	(1000) RPM		8"	.200 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Airline Reading is not Good.

43

Well:	
Meter:	
Legal:	
Location:	S4P 35-1

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DERAN H.P.: 300 Volts: R.P.M.: Serial #: C109011

Frame: Type: Pump: Type Oil Lube:

Date:	1-3-07								
Standing Water	217 Lbs								
Draw Down									
Pumping Level	01 Lbs								
Lift Above Discharge		25							
Total Lift									
G.P.M.		726							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1700	8.9	11 LBS	(800) RPM					
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Airline plugged

45

Well:	
Meter:	
Legal:	
Location:	5 & P 35-3

Pump Data Installation Date:	
Pump Setting:	
Airline:	399
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DERAN H.P.: 300 Volts: R.P.M.: Serial #: C 109010

Frame: Type: Pump: Type Oil Lube:

Date:	1-2-07								
Standing Water	66 Lbs	247							
Draw Down		138							
Pumping Level	6 Lbs	385							
Lift Above Discharge		55							
Total Lift		440							
G.P.M.		1279							
GPM/FT									
AC Ft. In. 24 Hrs.	1780	15.5	24 Lbs	(1500) gpm			10"	.250 wall	
HP Input RPM									
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location: S 4P 35-4 - South	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 200 Volts: R.P.M.: Serial #:
Frame: Type: Pump: Type Oil Lube:

Date:	12-3-07								
Standing Water	~~442 lbs~~								
Draw Down									
Pumping Level.	~~0 lbs~~								
Lift Above Discharge		122							
Total Lift									
G.P.M.		404							
GPM/FT		~~40~~							
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	34.9	532 lbs	(400) gpm		10"	.250 Wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Airline not working

16

Well:	
Meter:	
Legal:	
Location: Bushnell 10-4-E	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 42.5 Volts: R.P.M.: Serial #: 168500

Frame: Type: Pump: Type Oil Lube:

Date:	11-22-00								
Standing Water	265'								
Draw Down	17								
Pumping Level	282'								
Lift Above Discharge	134								
Total Lift	416								
G.P.M.	2005								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1760	243	582 lbs	(2000) gal		10"	.375 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

20

Well:	
Meter:	
Legal:	
Location: Hamilton 29-1 W	

Pump Data Installation Date:	
Pump Setting :	
Airline :	400
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 500 Volts: R.P.M.: 1777 Serial #: 165593

Frame: Type: Pump: Type Oil Lube:

Date:	11-27-06								
Standing Water	68 Lbs	323							
Draw Down		83							
Pumping Level	32 Lbs	406							
Lift Above Discharge		88							
Total Lift		494							
G.P.M.		2071							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1777	25.1	38 Lbs	(2000 gal.)		1,250			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

~~28~~-26

Well:	
Meter:	
Legal:	
Location: Pardee 30-4 E.	

Pump Data Installation Date:	
Pump Setting:	
Airline:	420
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 350 Volts: R.P.M.: 1775 Serial #: 166047

Frame: Type: Pump: Type Oil Lube:

Date:	11-29-06								
Standing Water	47 Lbs	311							
Draw Down		107							
Pumping Level	18 Lbs	378							
Lift Above Discharge		85							
Total Lift		463							
G.P.M.		1015							
GPM/FT		101							
AC Ft. In. 24 Hrs.									
HP Input RPM	1775	37 Lbs	12.3	(1100 RPM)		10" LPS .250 wall			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

23

Well:	
Meter:	
Legal:	
Location: Pardee 20-3 - S-E	

Pump Data Installation Date:	
Pump Setting :	
Airline :	462
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 350 Volts: R.P.M.: 1750 Serial #: 166048

Frame: Type: Pump: Type Oil Lube:

Date:	11-28-06								
Standing Water	48 Lbs	351							
Draw Down		23							
Pumping Level	38 Lbs	374							
Lift Above Discharge		88							
Total Lift		462							
G.P.M.		1950							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	23.7	38 Lbs	(1600 RPM)		.250			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Anderson - North

Pump Data Installation Date:	
Pump Setting :	
Airline :	420
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 350 Volts: R.P.M.: Serial #: 169341

Frame: Type: Pump: Type Oil Lube:

Date:	11-29-06								
Standing Water	80 Lbs	235							
Draw Down		55							
Pumping Level	56 Lbs	290							
Lift Above Discharge		37							
Total Lift		327							
G.P.M.		2385							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1725	28.9	(2300)	18 PM		10"	250 wall		
KW Input									
KW Hours Per AC/Ft.		16 PST							
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location: Anderson - South	

Pump Data Installation Date:	
Pump Setting:	
Airline :	420
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 350 Volts: R.P.M.: Serial #: 169343

Frame: Type: Pump: Type Oil Lube:

Date:	12-29-06								
Standing Water	75 Lbs	247							
Draw Down		34							
Pumping Level	60 Lbs	281							
Lift Above Discharge		69							
Total Lift		350							
G.P.M.		2327							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1786	282	30 PSI	(2300) RPM		10"	.250 Wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

34

Well:	
Meter:	
Legal:	
Location:	Bach 32-2

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 300 Volts: R.P.M.: 1775 Serial #: C 207113

Frame: Type: Pump: Type Oil Lube:

Date:	11-29-06								
Standing Water	80'								
Draw Down	97								
Pumping Level	177'								
Lift Above Discharge	90								
Total Lift	267								
G.P.M.	2038								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1775	2.4.7	39 lbs	(1900) psi					
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

35

Well:	
Meter:	
Legal:	
Location:	Big Field - WEST

Pump Data Installation Date:	
Pump Setting:	
Airline:	400
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: JOHNSON H.P.: 500 Volts: R.P.M.: Serial #: 166011
Frame: Type: Pump: Type Oil Lube:

Date:									
Standing Water	50 Lbs	284							
Draw Down		46							
Pumping Level	30 Lbs	330							
Lift Above Discharge		35							
Total Lift		365							
G.P.M.		1535							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	18.6	15 Lbs	(1800) RPM			10"	250 WALL	
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

36

Well:	
Meter:	
Legal:	
Location:	Big field EAST

Pump Data Installation Date:	
Pump Setting :	
Airline :	400
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 500 Volts: R.P.M.: Serial #: 166088

Frame: Type: Pump: Type Oil Lube:

Date:	1-2-07								
Standing Water	56 Lbs	270							
Draw Down		30							
Pumping Level	43 Lbs	300							
Lift Above Discharge		78							
Total Lift		378							
G.P.M.		1593							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	19.3	34 Lbs			10"	250	wall	
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

37

Well:	
Meter:	
Legal:	
Location: Big Field South	

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 500 Volts: R.P.M.: 1775 Serial #: 166010
Frame: Type: Pump: Type Oil Lube:

Date:	12-5-06								
Standing Water	[illegible]								
Draw Down									
Pumping Level	[illegible]								
Lift Above Discharge	129								
Total Lift									
G.P.M.	2418								
GPM/FT	100								
AC Ft. In. 24 Hrs.									
HP Input RPM	1775	293	56 lb	(2500) gal		10"	2500 well		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

38

Well:	
Meter:	
Legal:	
Location:	BROWN 34-3 EAST

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DERAN H.P.: 300 Volts: R.P.M.: Serial #: B904040

Frame: Type: Pump: Type Oil Lube:

Date:	1-2-07								
Standing Water	113'								
Draw Down	122								
Pumping Level	235'								
Lift Above Discharge	57								
Total Lift	292								
G.P.M.	1064								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	12.9	25 LBS	(1000)	RPM		10"	250 Wall	
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

39

Well:	
Meter:	
Legal:	
Location:	Bogum 34-1 W

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 300 Volts: R.P.M.: Serial #: B 712103

Frame: Type: Pump: Type Oil Lube:

Date:	12-11-06								
Standing Water	113'8"								
Draw Down	101								
Pumping Level	215'								
Lift Above Discharge	55								
Total Lift	270								
G.P.M.	1000								
GPM/FT									
AC Ft. In. 24 Hrs.	1800	7.6	24 LBS	(1000 gal)		10"	.250 wall		
HP Input RPM									
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

41

Well:	
Meter:	
Legal:	
Location:	Turner - South

Pump Data Installation Date:	
Pump Setting.:	
Airline:	(300)
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: H.P.: 500 Volts: R.P.M.: Serial #: 169244

Frame: Type: Pump: Type Oil Lube:

Date:	12-29-06								
Standing Water	80 Lbs	135							
Draw Down		14							
Pumping Level	74 Lbs	149							
Lift Above Discharge		27							
Total Lift		176							
G.P.M.	~~2020~~	2038							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	24.7	12 Lbs	(2100) GPM	10"	.250 wall			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location: Yard N-W	

Pump Data Installation Date:	
Pump Setting :	
Airline :	360
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Johnson H.P.: 350 Volts: R.P.M.: Serial #: 166494

Frame: Type: Pump: Type Oil Lube:

Date:	11-28-06								
Standing Water	60 Lbs	221							
Draw Down		46							
Pumping Level	40 Lbs	267							
Lift Above Discharge		136							
Total Lift		403							
G.P.M.		2385							
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1775	289	59 Lbs	(2100) gal.		10" 305 well			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	SYP 35- 36-2

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DERAN H.P.: 200 Volts: R.P.M.: Serial #: 6209042
Frame: Type: Pump: Type Oil Lube:

Date:	1-3-07								
Standing Water	30 Lbs								
Draw Down									
Pumping Level	0 Lbs								
Lift Above Discharge		32							
Total Lift									
G.P.M.		1370							
GPM/FT									
AC Ft. In. 24 Hrs.	1750	16.6	14 Lbs			10" .250 Wall			
HP Input RPM									
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Airline not working

Well:	
Meter:	
Legal:	
Location:	S4P 35-4-77

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DiRam H.P.: 300 Volts: R.P.M.: Serial #: 6209149

Frame: Type: Pump: Type Oil Lube:

Date:	1-3-07								
Standing Water	188'								
Draw Down	64								
Pumping Level	252								
Lift Above Discharge	116								
Total Lift	368								
G.P.M.	1000								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1650	9.0	50Lbs		(1000) gpm		10" .250 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	avd 14-33

1-24-08

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRon H.P. 300 Volts: R.P.M.: Serial #: B810082
Fram. Type: Pump: Type Oil Lube:

Date:									
Standing Water	Const set level								
Draw Down									
Pumping Level									
Lift Above Discharge	170.94								
Total Lift									
G.P.M.	~~[illegible]~~	~~[illegible]~~							
GPM/FT	~~[illegible]~~		~~[illegible]~~ gpl						
AC Ft. In. 24 Hrs.					1100 gpl				
HP Input RPM	1800	10.5	742 lbs	Flow Meter		10" IPS	.260 Wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Avel. 25-3

Pump Data Installation Date:	
Pump Setting :	
Airline :	483
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Dawson H.P.: 450 Volts: R.P.M.: Serial #: C111072

Frame: Type: Pump: Type Oil Lube:

Date:	11-28-07								
Standing Water	452 lbs	379							
Draw Down		18							
Pumping Level	37 Lbs	397							
Lift Above Discharge		94.71							
Total Lift		491							
G.P.M.		1708	1708 gpm						
GPM/FT									
AC Ft. In. 24 Hrs.					Flowmeter = 1600-1700				
HP Input RPM	1750	20.7	41 Lbs			10" IPS	.250 wall		
KW Input									
KW Hours Per AC/Ft.									
BFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	airal 21-1

1-24-08

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRam H.P. 450HP Volts: R.P.M.: Serial #: C111080

Fram. Type: Pump: Type Oil Lube:

Date:									
Standing Water	307'								
Draw Down	35								
Pumping Level	342'								
Lift Above Discharge	23.1								
Total Lift	365.1								
G.P.M.	2475								
GPM/FT.			2475						
AC Ft. In. 24 Hrs.									
HP Input RPM	1800	3007	10 Lbs		10" IPS	.250 wall			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Dack 27-3

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Deran **H.P.:** 450 **Volts:** **R.P.M.:** **Serial #:** C1090[illegible]

Frame: **Type:** **Pump:** **Type Oil Lube:**

Date:	11-26-07								
Standing Water	339								
Draw Down	31								
Pumping Level	370								
Lift Above Discharge	39.27								
Total Lift	409.27								
G.P.M.	2154								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1800	2.61	17Lbs	2154 gpm	10"	CPS	.2150 W		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Hawkins 29-1

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Dresser H.P.: 400 Volts: R.P.M.: Serial #: C105053

Frame: Type: Pump: Type Oil Lube:

Date:	11-28-07								
Standing Water	322'								
Draw Down	41								
Pumping Level	363'								
Lift Above Discharge	46.2								
Total Lift	409.20								
G.P.M.	2137								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1750	25.9	20265	2137 GPM		10" TPS	2500 well		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Min 23-4

1-24-08

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Da Nan H.P. 450 HP Volts: R.P.M.: Serial #: C11081

Frame: Type: Pump: Type Oil Lube:

Date:									
Standing Water	289'								
Draw Down	44								
Pumping Level	333'								
Lift Above Discharge	50.82								
Total Lift	383.82								
G.P.M.	1864								
GPM/FT									
AC Ft. In. 24 Hrs.			1864 gal			2000 gal			
HP Input RPM	1800	22.6	22.26	Flowmeter			10" IPS	250 ndl	
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	22-3 Main

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: DeRan H.P.: 300 HP Volts: R.P.M.: Serial #: 8 201046

Frame: Type: Pump: Type Oil Lube:

Date:	11-27-07								
Standing Water	289'								
Draw Down	50'								
Pumping Level	339'								
Lift Above Discharge	57.75								
Total Lift	396.75								
G.P.M.	1097								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1700	13.3	25 LD	~~1082~~ 1097 GPMs. 10"	IBS	.250	wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Mim 21-3 East

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Moto[redacted] DeRan H.P. 300 Volts: R.P.M.: Serial #: [redacted]

Fram[redacted] Type: Pump: Type Oil Lube:

Date:	12-5-07								
Standing Water	287'								
Draw Down	26'								
Pumping Level	313'								
Lift Above Discharge	110.88								
Total Lift	423.88								
G.P.M.	974								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1700	11.8	48 Lbs	900 gal.		10" TBS	250 wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Peoni

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Denom H.P.: 300 Volts: R.P.M.: Serial #: C112039
Frame: Type: Pump: Type Oil Lube:

Date:	11-29-07								
Standing Water	314'								
Draw Down									
Pumping Level	Falling water								
Lift Above Discharge	154.77								
Total Lift									
G.P.M.	644.								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1700	2.8	67 Lbs	643 gal.		10" CPS		.25	0 watt
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:
Motor:
Legal:
Location: Roivon 2-6

1-21-08

Pump Data Installation Date:
Pump Setting :
Airline :
CT&S Size:
Bowls:
Well Depth:
Blank:
Perforations:

Moto[redacted] D.L. Rowo H.P. 300 Volts: R.P.M.: Serial # [redacted] C208080
Fram Type: Pump: Type Oil Lube:

Date:									
Standing Water	242'								
Draw Down	142'								
Pumping Level	384 ~~358~~								
Lift Above Discharge	166.32								
Total Lift	550.32								
G.P.M.	816								
GPM/FT			816 gal						
AC Ft. In. 24 Hrs.									
HP Input RPM	1800	9.9	72 lbs		10" IPS	.250 wall			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Rowan 2-12

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Amarillo H.P.: 250 Volts: R.P.M.: Serial #: 202445

Frame: Type: Pump: Type Oil Lube:

Date:	12-3-07								
Standing Water	253'								
Draw Down	26								
Pumping Level	279'								
Lift Above Discharge	124								
Total Lift	403								
G.P.M.	330								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1725	4.0	54 LBS	Flow meter 350 gpm.		10" IPS	.250	Wall	
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	Rown 2-4

Pump Data Installation Date:	
Pump Setting :	
Airline :	
CT&S Size:	
Bowls:	
Well Depth:	
Blank:	
Perforations:	

Motor: Amarillo H.P.: 250 Volts: R.P.M.: Serial #: 270804

Frame: Type: Pump: Type Oil Lube:

Date:	12-1-07								
Standing Water	can't get levels								
Draw Down									
Pumping Level									
Lift Above Discharge	78.5								
Total Lift									
G.P.M.	949								
GPM/FT									
AC Ft. In. 24 Hrs.									
HP Input RPM	1600	11.5	34Lbs	flow meter 700		10" IPS	.250 Wall		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									