

EXHIBIT “E4” part 3

TO

EXHIBIT “1”

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

Well: _____
 Motor: _____
 Legal: _____
 Location: _____

Brown West Well
 9-22-08

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

Motor: Demar H.P. 300 Volts: _____ R.P.M.: _____ Serial #: 5712103
 Frame: _____ Type: _____ Pump: _____ Type Oil Lube: _____

Date:									
Standing Water	136'								
Draw Down	80'								
Pumping Level	216'								
Lift Above Discharge	41.6								
Total Lift	257.6								
G.P.M.	742								
GPM/FT	9.3								
AC Ft. In. 24 Hrs.	3.3	742 gal			Flow Meter				
HP Input RPM	1760	9.0	18 LBS			10" I.P.S	250 WALL		
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well: _____
 Meter: _____
 Legal: _____
 Location: *Turner South*

9-22-08

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

Motor: *Johnson* H.P. *500* Volts: _____ R.P.M.: _____ Serial #: *169244*
 Fram. _____ Type: _____ Pump: _____ Type Oil Lube: _____

Date:									
Standing Water	<i>196'</i>								
Draw Down	<i>80'</i>								
Pumping Level	<i>276'</i>								
Lift Above Discharge	<i>64.7</i>								
Total Lift	<i>340.68</i>								
G.P.M.	<i>2475</i>								
GPM/FT	<i>30.9</i>								
AC Ft. In. 24 Hrs.	<i>10.9</i>	<i>2475 rpm</i>		<i>3/4" Meter</i>	<i>2750 gpm</i>				
HP Input RPM	<i>1780</i>	<i>30.0</i>	<i>28 Lbs</i>		<i>10" EPS</i>	<i>250 W. L. L.</i>			
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well:	
Meter:	
Legal:	
Location:	yard well - North

9-22-08

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

Moto: Johnson H.P. 350 Volts: _____ R.P.M.: _____ Serial #: 166494
 Fram: _____ Type: _____ Pump: _____ Type Oil Lube: _____

Date:									
Standing Water	162'								
Draw Down	37'								
Pumping Level	199'								
Lift Above Discharge	64.7								
Total Lift	263.7								
G.P.M.	2335								
GPM/FT	63.1								
AC Ft. In. 24 Hrs.	10.3	2335 gal							
HP Input RPM	1775	28.3	28 lbs	10" IPS	250 Well				
KW Input									
KW Hours Per AC/Ft.									
EFF									
Cost Per AC/Ft.									

Well: 352
 Motor:
 Legals:
 Location:

12-8-08

Pump Data Installation Date:
 Pump Setting:
 Airline:
 CT&S Spec:
 Flow:
 Well Depth:
 Blank:
 Perforations:

Motor: Emerson H.P.: 200 HP Volts: 460V R.P.M.: 1780 Serial: M0282000057
 From: Type: Pump: Type Oil Lube: CO/R

Date:									
Standing Water	197'								
Draw Down	81								
Pumping Level	278'								
Lift Above Discharge	766								
Total Lift	444								
G.P.M.	1345								
GPM/FT	16.6								
ACFT. In. 24 Hrs.	5.9								
HP Input	1780	16.3	72 ^{LBS}						
RPM	1780								
KW Input	149								
KW Hours Per AC/FT.	606.10								
RRF	-75								
Cost Per AC/FT.	75.76								

13' 13' 10" 10" IPS 2.50 Wall

Well: 35-4-11

Motor:

Logist:

Location:

12-8-08

Pump Data Installation Date:

Pump Setting:

Altitude:

GTAS Size:

Boards:

Well Depth:

Blank:

Perforations:

Motor: *Wegman* H.P. 200 HP Votts: 460V R.P.M.: 1780 Series: *MBR200206*

Fract: Type: Pump: Type Oil Lube: *002R*

Date:									
Standing Water	195'								
Draw Down	83								
Pumping Level	278'								
Lift Above Discharge	139								
Total Lift	417								
G.P.M.	1279								
GPM/FT	15.4								
ACFL In. 24 Hrs.	5165								
HP Input RPM	1780	15.5	60	265	7.5	10" IPS	250Kall		
KW Input	149								
KW Hours Per AC/FL	632.9								
BRP									
Cost Per AC/FL	79.11								

Make: Case 143 North
 Model:
 Year:
 Location: 71-30-09

Year Built: 1943
 Pump Rating:
 Motor:
 CIPR Size:
 Voltage:
 Feet Lift:
 Head:
 Feet Lift:

Make: Dana H.P.: 460 HP Volts: 480 P.P.M.: 1725 Ser. No: C109015
 Type: Vertical Pump: Vertical Type Oil Lubric:

Make	H.P.	Volts	P.P.M.	Ser. No.	Type	Oil Lubric
Dana	460	480	1725	C109015	Vertical	
Static Standing Water	265'					
Water						
Water Depth	30					
Pumping Level	295					
Water Above	416					
Discharge						
Total	236.6					
GPM	2475					
GENERAL	82.5					
ACR. H.	10.9					
M.F.						
HP Input	1800	300	18.75	10" IPS	12.5	Walt
HP						
KW Input						
KW Horse						
Per ACR						
HP						
Cost						
Per ACR						

Date: 11-23-09
 Name: [Redacted]
 Location: [Redacted]

Pump Data Installation Data:
 Pump Model: [Redacted]
 Motor: [Redacted]
 Voltage: [Redacted]
 Amps: [Redacted]
 Phase: [Redacted]

11-23-09

Meter: *Genex* HP: 300 Volts: R.P.M.: Serial: C109010
 Type: Pump: Type: Oil/Lube

Index	Reading	Unit	Notes
Standing Water	27.5	ft	
Water Depth	09	ft	
Pumping Level	37.4	ft	
LR Above Discharge	138.6	ft	
Total LR	512.6	ft	
GPM	1064	gpm	
Q/HP	10.7	gpm/HP	
ACR, In. 24 Hr.	4.7	in.	
IR Input	1500	W	
IR Output	60.15	W	
KW Input	12.9	kw	
KW Output	60.15	kw	
Per ACR			
HP			
Cost Per ACR			

Flow Meter 1000 gpm

60.15 10" IR 288 ft

David 2/1

Pump Data (Installation) Date: _____
 Pump Station: _____
 Station 1: _____
 Station 2: _____
 CFS: _____
 Head: _____
 Head Loss: _____
 Date: _____
 Signature: _____

Date: _____
 Name: _____
 Title: _____
 Location: _____

12-1-09

Batch C11080

Name: DeLeon R.P.: 460 HP Valve: _____ Pump: _____ Type: _____

Date	Standing Water	Flow	Head	Head Loss	Discharge	Test LE	GPM	CHWFT	ACR.F.	M.H.S.	HP Input	HP	KW Input	KW Horse	Per ACRF	Per ACRF	Per ACRF
	30.5'																
	24																
	32.9																
	23.1	2372 gpm															
	352.1																
	3293																
	40.7																
	10.57																
	1800																
	29.0																

10" 115 10" 115 10" 115 280 Walk

Pump Model: 1800
 Pump Serial #: C111071
 Make: Grundfos
 Model: CR10-2
 Year: 1988
 Serial #: 1800
 Pump Type: Vertical

Unit: 133
 Location: 11-23-09

Model: D. Green R.P.M.: 1800 Series: C111071
 Type: Vertical

Date	Flow	Head	Power	Efficiency	Notes
Standing Water	280				
Flow	44				
Pumping Head	374				
1/2" Above Discharge	50.82				
Total	424.82				
GPM	1708	1708 gal			
CRATER	18				
ACR. In. 24 In.	7.54				
HP Input	1200	207			10" IPS 250 Wd
KW Input					
KW Horse					
Per ACR.					
HP					
Cost					
Per ACR.					

Make: Mitsubishi
 Model: 2000
 Year: 2000
 License: 11-30-09

Pump Data (Inches) Water: _____
 Pump Setting: _____
 Motor: _____
 CRAS Size: _____
 Motor: _____
 Total Depth: _____
 Motor: _____
 Installation: _____

Make: Danfoss R.P.M.: 3600 Serial: B901032
 Model: 3001P Voltage: _____ Type: Oil Lubric
 Pump: _____

Date:	Standing Water:	Water Depth:	Pump Level:	LR Above Inlet:	Motor RPM:	Total CRAS:	GPM:	CRAS:	ACR. In.:	24 Hr.:	HP Input:	EFM:	KW Input:	KW Output:	Per ACR.:	Per ACR.:	Per ACR.:
	274'	41'	316'	34.6'	3496	3170	53	9.59	1800	15.15	10" IPS	250 Wd					

Name: Mesa - 22-2-Act
 Address:
 City:
 State:
 Zip:

Pump Serial Number:
 Pump Model:
 Make:
 Year:
 Location:

RPM: 1800 Serial: 2088880
 Type of Line:

Motor: DePau HP: 300 HP Volts: Pumps:
 Type:

Date:								
Standing Water:	<u>276</u>							
Discharge:	<u>38</u>							
Pumping Head:	<u>314'</u>							
TSB Above:	<u>115.5</u>							
Total Flow:	<u>428.5</u>							
GPM:	<u>1147</u>							
GEARSET:	<u>30:18</u>							
ACR No.:	<u>5</u>							
24 Hr.:								
HP Input:	<u>1900</u>							
KW Input:	<u>13.9</u>							
KW Output:								
Per ACR:								
Cost Per ACR:								

10" IPS 200 Wd.

Pump Data Indications Below:
 Pump Setting:
 Motor:
 GPM Size:
 Model:
 Serial Number:
 Performance:

Motor No. D-201
 H.P. 300
 Voltage 115
 Type AC
 Date 12-2-09

12-2-09

Motor No. D-201 H.P. 300 Voltage 115 R.P.M. 1725 Serial 410111
 Type AC

Date:	Standing Water:	Discharge:	Total H.R.:	G.P.M.:	ACR. In.:	HP Input:	KW Input:	KW Hours:	Per ACR.:	HPV:	Cost:	Per ACR.:
	290'	32.34	382.31	2043	9.12	1800	14					
	100'			2060			10" IPS	250				
	360'											

Additional data fields or notes, including a date stamp 12-2-09.

Name: W. Brown - 29-3
 Address: _____
 City: _____
 State: _____
 Zip: _____

12-2-09

Pump Test Installation Date: _____
 Pump Working: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____

Serial: 407084

Notes: Down H.P.: 300AP Value: _____ Pump: _____ R.P.M.: _____ Type Oil Lubr.: _____
 Power: _____

Date	Standing Water	Discharge	Pumping	Level	Flow Above	Discharge	Total	G.P.M.	CELEST.	ACR. In.	24 Hr.	HP Input	KW Input	KW Hours	Per ACR.	Per HP	Cost	Per ACR.
	2.88		4.6															
			3.34															
			64.68															
			392.68															
			1180															
			25.6															
			5.2															
			172.5															
			44.3															
			2.8															
			10.1															

Flow Meter 1300 gal.

10.1 HP 2.80

60-109

Year	1973
Make	Volvo
Model	P1800
Color	Black
Engine	1800
Transmission	5 Speed
Mileage	1236
Body Style	Sedan
MPG	23
Other	

60-109

Motor Dr. Power 1800 1236 1800 23

Date	Mileage	Year	Make	Model	Color	Engine	Transmission	MPG	Other
	1236	1973	Volvo	P1800	Black	1800	5 Speed	23	
	0								

116 1800 5 Speed

60-109

Model: Man-21-3-W
 Serial: 12-1-09
 Type: 12-1-09

Sub: B 710 008
 R.P.M.: 1000
 Type: Oil Lubr.

Name: DeLeon HP: 400 Volts: 112 Pumps: 1
 From: 12-1-09 Type: 12-1-09

Item	Value	Unit	Notes
Discharge	294%		
Flow	84		
Pressure	37.8		
Level	416.2		
IR Above	434.2		
Discharge	1923		
Total IR	1923		
GPM	22.9		
CEM	8.5		
ACR. In	1800		
24 Hr.	20		
HP Input	1800		
IR	20		
KW Input	10		
KW Output	250		
Per ACR.			
Eff			
Cost			
Per ACR.			

10" IPS
 250mm

Model: 98-1-S
 Serial: _____
 Location: _____

W-18-07

Pump Data Description: _____
 Pump Station: _____
 Station: _____
 CR# or Date: _____
 Date: _____
 Serial Number: _____

R.P.M.: 1790 Serial: B708084
 Type: Oil Lub.

Model: DODGE H.P.: 350 Volts: _____
 Type: _____ Pump: _____

Discharge	32.8'								
Water									
Discharge	21'								
Pumping	349'								
Level									
LR Above	37								
Discharge	2846								
Total LR	1485								
GPM	707								
CFR/FT									
ACR. In.	6.6								
24 Hr.									
HR Input	13								
BPM	1790								
KW Input									
KW Hours									
Per ACR.									
HR									
Cost									
Per ACR.									

Flow Note 2000

16" 10" 250' well

Pump Data Installation Date:
 Pump Model:
 Motor:
 CRIB size:
 Head:
 Total Depth:
 Head:
 Production:

Serial: 13903114

R.P.M.:
 Type Oil Lubric:

Model: Panda 80-3
 HP: 300
 Type:

11-20-09

Motor: Panda
 HP: 300
 Type:

Date:	Standing Water:	Dynam Down:	Pumping Level:	LR Above Discharge:	Total LR:	GPM:	CRIB FT:	ACR. In. 24 Hr.:	HP Input:	KW Input:	KW Hours:	Per ACR.:	HP:	Cost:	Per ACR.:
					139	1100			60	1316	1800		10" 1/2 25' of 50' well		

Pumps 2014-2015

Name:	
Address:	
Phone:	
Location:	

Pump Data Installation Date:	
Pump Rating:	
Address:	
GTAS Code:	
Serial:	
Head Height:	
Altitude:	
Production:	

Serial # 407086

Dannon

HP: 350 HP

Type: Diaphragm

Date:	Standby:	Water:	Discharge:	Total Lift:	G.P.M.:	GRANDFT.	ACR. In.:	24 Hrs.:	HP Input:	KW Input:	KW Hours:	Per ACR.:	EFF.	Cost:	Per ACR.:
		97			1749				42	210					
									10	185					

Well: Pondos 28-03 well

State: _____

County: _____

Location: _____

11-18-07

Pump Data Description Data:

Pump Model: _____

Manufacturer: _____

Year: _____

Serial No: _____

Capacity: _____

Head: _____

Check: _____

Performance: _____

Motor: Open H.P.: 200 / 11 P Volts: _____ R.P.M.: _____ S.W.H.: 1394 2065

Type: _____ Type Oil Lubric: _____

Item:	Value	Unit	Notes
Standing Water	139	ft	
Discharge	115.5	gpm	
Total H.P.	457.5	ft	
G.P.M.	800		
Efficiency	61.5	%	
ACR. In.	3.5		
24 Hr.			
HP Input	58	HP	
HP	77		
KW Input			
KW Hours			
Per ACR.			
Per			
Cost			
Per ACR.			

Pump Data Installation Date: _____
 Pump Serial #: _____
 Model #: _____
 Gross Wt: _____
 Net Wt: _____
 Ball Weight: _____
 Make: _____
 Manufacturer: _____

Serial: B3712077

Unit: P 20-3
 Make: _____
 Type: _____
 Location: _____

11-20-09

H.P.: 200HP Volts: _____ P.M.P.: _____ Type: Oil Lubed

Motor Name	Type	HP	Volts	P.M.P.	Type	Oil Lubed
Date:						
Standing Water		332'				
Days Down		14				
Pumping Level		3246				
Feet Above Discharge		146.91				
Total Lift		486.91				
G.P.M.		81.7				
GRATE		58.4				
ACR. In. 24 Hrs.		3.6				
HP Input		1600	9.9	6/145	10' 125' 250' N d/l	
KW Input						
KW Hours						
Per ACR.						
EFF						
Cost						
Per ACR.						

Model: 38-1 North
 Serial: 38-1 North
 Type: 38-1 North
 Date: 11-18-09

Pumper
 38-1 North
 11-18-09

Motor: Dennan H.P.: 300 Volts: 110 P.P.M.: 350 Type: OR Label: 350

Date:	Standing Water	Water	Water Discharge	Pumping Load	LR Above	Discharge	Total LR	GPM	START	ACR. In.	4th Hr.	HP Input	RPM	KW Input	KW Hours	Per ACR.	HP	Cost	Per ACR.
	230	52		272		27.7	294.7	1544		6.8		18.1							

300 gal
 10' HPS
 2550 RPM

Pump, Main Installation (Date):
 Pump, Sizing:
 Motor:
 GTSB Size:
 Motor:
 Total Weight:
 Motor:
 Performance:

Make: Plants
 Model:
 Type:
 Location:

1-18-09
 Serial: CM2.089

Motor: Denon H.P.: 300 HP Volts: Type: 300 HP R.P.M.: 3000 Type Oil Lube:

Date:	From:	Type:	Volume:	Pump:	Flow:	Pressure:	Head:	Efficiency:	Cost:	Per ACFR:
3/16										
14										
330										
138.6										
468.6										
81.7										
58.4										
3.6										
1800										
7.9										
60 lbs										
10 G.P.S.										
2.60 Hdd.										

2.60 Hdd.

10 G.P.S.

60 lbs

7.9

Well: North 3-2
 Location: 11-76-09
 MOT 50

Pump: 11-76-09
 Motor: 11-76-09
 Control: 11-76-09
 Voltage: 480
 RPM: 1785
 Date: 11/16/97

Motor: 11-76-09 Type: 11-76-09
 Pump: 11-76-09 Type: 11-76-09
 Voltage: 480 RPM: 1785 Date: 11/16/97
 Flow: 150 Type: 11-76-09

Date:	11-16-97								
Standing Water:	2.66'								
Draw Down:	2.5'								
Pumping Level:	3.31								
LE Above Discharge:	1.34								
Total LE:	4.65								
GPM:	924								
CMFT:	13								
ACR, In. 24 Hr.:	4.0								
HP Input RPM:	1785	1162	58	250	1579				
KW Input:									
KW Horse Power ACFT:									
HP:									
Cost Per ACR:									

Additional notes and data points for the well performance record.

Model: 2VP 35-1
 Serial: []
 Location: []

7007 02
 11-16-09

Pump Data Installation Table:
 Pump Setting:
 Make:
 CRAB Size:
 Serial:
 Total Depth:
 Head:
 Performance:

Motor: EndSquad H.P.: 10.5 Voltage: 480 Pump: R.P.M.: 1785 Series: Jobs vs. SLD
 Type: Type Oil Lube:

Index	Standing Water	Discharge	Total Discharge	G.P.M.	CFR/FT	ACR. In. 24 Hrs.	HP Input	KW Input	KW Hours	Per ACR.	EFF	Cost	Per ACR.
1	17.8'	26	18.48	232.48	520	23	81.5	6.3	1785				
2	2.14'				619 gpm								
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
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88													
89													
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91													
92													
93													
94													
95													
96													
97													
98													
99													
100													

Additional notes and data points for the pump performance record, including a grid for further measurements.

Well: 58P 35-3 well
 Date: _____
 Log: _____
 Location: _____

Pump Date Installation: _____
 Pump Serial: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____
 Well Depth: _____
 Make: _____
 Performance: _____

12-3-09

Motor: Beaman 100 H.P. 250 HP Volts: 1 R.P.M.: 1780 Serial No: 82802116-0081
 Pump: _____ Type: _____

Date:	Standing Water	Discharge	Pumping Level	LR Above Discharge	Total LR	GPM	CR/FT	ACR, In. 24 Hr.	HP Input RPM	KW Input	KW Horse	Per ACR	HP	Cost Per ACR
	42.18													
	42.18													
	46.2													
	11.63								1780	19.1	20	135	10.8%	280 Well

7.08 F.L. Meter

Make: <i>Taylor</i>
Model: _____
Light: _____
Location: _____

11-30-09

Pump Serial Number/Model: _____
Pump Setting: _____
Notes: _____
CT&S: _____
Brand: _____
Model: _____
Production: _____

Serial 168504

Make: *Johnson* R.P.M.: _____ Type: *OR*
 Model: _____ Volume: _____
 From: _____ Type: _____

Date:	Standing Water:	Discharge:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:	Flow Rate:
	2.82																			
	3.20																			
	3.18																			
	11.55																			
	323.55																			
	271.6																			
	40.33																			
	11.47																			
	17.70																			

5.18 12" 485 250 WALL

Unit: Bussell 19-3
 Make: _____
 Type: _____
 Location: _____

11-30-09

Form: _____
 Pump: _____
 Motor: _____
 Voltage: _____
 Amperage: _____
 Oil: _____
 Lubricant: _____

Serial: B810070

Oil Type: _____

HP: 400/4P

Motor Name: _____

Item	Type	Value	Unit	Notes
Discharge				
Water				
Diesel Diesel				
Pumping				
Leak				
FE Above				
Discharge		34.65		
Total FE		1353-1363		
GPM				
GM/GH				
ACR. In.				
24 Hr.				
HP Input		1790	16.4	
KW Input				
KW Horse				
Per ACR.				
EFF				
Cost				
Per ACR.				

Pump, Single Suction, Vertical, Double
 Pump Station?
 Model:
 GTMS Code:
 Frame:
 Total Weight:
 Motor:
 Footnote:

R.P.M.: 1800 Serial: 165573
 Type: 011302

Model: 1
 Name: *Johnson West*
 Type:
 Location:

11-20-09

Motor: *Johnson* HP: 500 HP Voltage: Phase:
 Frame: Type:

Date:	Standing Water:	Discharge Level:	Total Lift:	QFM:	QFM/FT:	ACFR ft. 34 Hz:	HP Input RTM:	KW Input:	KW Hours:	Per ACFR:	Per KW:	Cost:	Per ACFR:
	335'	27'	362'	134	492	2294	2294	85	10.1	1800	97.9	58.15	10" pipe 260 M

Unit: Anderson North
 Date: 11-17-09
 Location:

Pump, Tank, Installation Date:
 Pump Sizing:
 Address:
 CTMS Code:
 Status:
 Field Office:
 Submittal:
 Project Number:

Serial: 169341

R.P.M.: 1780

Type: ON Line

Volts: 360

HP: 360

Motor Frame:

Motor Type:

Motor Name: Anderson

Item	Value	Unit	Notes
Static Water	197'		
Dynamic Water	63		
Pumping Level	210		
Water Above Discharge	152.46		
Total Lift	362.46		
GPM	1832		1832 gph
CFMFT	24		
ACR. In. 24 Hr.	8		
HP Input KW	1780		10.7 PS
KW Input	222		66 lbs
KW Hours Per ACR			
HP			
Cost Per ACR			

Pump Unit Identification Data:
 Pump Station:
 Address:
 City:
 State:
 Zip:
 Well Depth:
 Date:
 Volume:

H.P.: 1290 Ser# 169342
 Type Oil/Lube

Well: Anderson S east
 Date: 11-18-09
 Location:

360 HP

Motor: Johnson
 Type:

Date:	Standing Water:	Damper Down:	Pumping Level:	FE Above Discharge:	Total FE:	GPM:	EFFICIENCY:	ACR. %:	24 Hr. HP Input:	RPM:	KW Input:	KW Hours:	Per ACR. Hrs:	Cost Per ACR.:
	129'	29'	158'	161.7'	219.7'	22356 gpd	77	9.9	7028	1790	271	10 FPS	260	add 11

Well: Red Field West
 Date: 11-17-09
 Location:

Pump Data Installation Date:
 Pump Model:
 Motor:
 CTSB Code:
 Serial Number:
 Manufacturer:

R.P.M.: 1775 Serial: 166011
 Type OR Label:

Motor: Johansen H.P.: 500 Volts: 480 Pumps:
 Type:

Date:	Standing Water:	Discharge:	Total Flow:	G.P.M.:	CFM/FT:	AC.F.F.:	24 Hr.:	TR Input:	RPM:	KW Input:	KW Horse:	Per ACR:	Eff:	Cost Per ACR:
	<u>28.5</u>	<u>152.46</u>	<u>437.46</u>	<u>1419</u>	<u>45.8</u>	<u>6.3</u>	<u>1775</u>	<u>172</u>	<u>6616</u>	<u>18 HPS</u>	<u>250 HPS</u>			

Well: Big Field South
 Date: _____
 Location: _____

11-17-09

Pump Data Installation Data:
 Pump Model: _____
 Motor: _____
 Voltage: _____
 RPM: _____
 Type: _____

R.P.M.: 1725 Series 166010

Motor: Johnson R.P.M.: 1725 Voltage: _____ Pump: _____
 Type: _____ Type Oil Label: _____

Item	Value	Notes
Static Water	13.5'	
Discharge	10.9'	
Pumphead	2.41'	
Level		
TP Above Discharge	14.3'	
Total Lift	38.4'	
GPM	2475	
CHLFT	23.3'	
ACR, ft.	10.9'	
24 Hr.		
HP Input	1725	30 ft
RPM		62 lbs
KW Input		" RPS 250 Wd
KW Horsepower		
Per ACR		
HP		
Cost		
Per ACR		

Unit: 51P 352
Motor: MGT 53
Location: 11-16-89

Model: 200 HP
FLP: 200 HP
Volts: 480
R.P.M.: 1720

Serial No: 20020690
Type: Pump

Notes: 2567
284
280
143
483
990
71
4.4
17.80
63/100
10" IPS

Date:	Standing Water:	Dumps Per Day:	Pumping Level:	LA Above Discharge:	Total Lift:	G.P.M.:	CRAP:	ACR: In 24 Hrs:	HP Input:	KW Input:	KW Hours:	Per ACR:	EVV	Cost Per ACR:
	2567	284	280	143	483	990	71	4.4	17.80	63/100	10" IPS			

Model: S4P 35-4 N
 Serial: 56
 Location: -110 T 56
11-16-09

Pump Data Installation Data:
 Pump Model: _____
 Address: _____
 GPM: _____
 Head: _____
 Motor: _____
 Voltage: _____

H.P.S.: 12.6 HP Volts: 480 P.M.P.: D80 Serial No.: 80802007
 Type: _____ Type Oil Lube: _____

Date:	Static Water:	Dynamic Water:	Pumping Level:	Flow Above Inlet:	Total Flow:	GPM:	EFFICIENCY:	ACFN, %:	HP Input:	KW Input:	KW Output:	Per ACFN:	Per HP:	Cost:	Per ACFN:
	2.65'	2.7'	2.82'	13.4	416	1056 gpm	39.1	4.7	58.4 hp	42.8	2.50	10.4 ps			

Well: <i>dw 14-3 North</i>	Pump Data Installation Date:
Meter:	Pump Setting:
Legal:	Airline:
Location:	CT&S Size:
	Bowls:
	Well Depth:
	Blank:
	Perforation:

Motor: <i>DeLan</i>	HP: <i>450</i>	Volts:	RPM: <i>1800</i>	Serial: <i>C109016</i>
Fram:	Type:	Pump:	Type Oil Lube:	

Date <i>9-28-10</i>								
Standing Water	<i>229'</i>							
Draw Down	<i>32</i>							
Pumping Level	<i>311'</i>							
Lift Above Discharge	<i>48</i>							
Total Lift	<i>353</i>							
G.P.M.	<i>2475</i>							
GPM/FT	<i>77.34</i>	<i>2475</i>						
AC Ft. In 24 Hrs.	<i>10.8</i>							
HC Input RPM	<i>1800</i>	<i>18 lbs</i>	<i>10" EPS</i>	<i>.250 well</i>				
KW Hours Per AC/FT								
EFF								
Cost Per AC/FT								

Well: <i>dwell 14-3-South</i>	Pump Data Installation Date:
Meter:	Pump Setting:
Legal:	Airline:
Location:	CT&S Size:
	Bowls:
	Well Depth:
	Blank :
	Perforation:

Motor: <i>DeLorn</i>	HP: <i>300</i>	Volts:	RPM: <i>1800</i>	Serial: <i>C109012</i>
Fram:	Type:	Pump:	Type Oil Lube:	

Date <i>9-28-10</i>								
Standing Water	<i>284'</i>							
Draw Down	<i>86</i>							
Pumping Level	<i>371</i>							
Lift Above Discharge	<i>139</i>					<i>7 day meter</i>	<i>7.50</i>	
Total Lift	<i>510</i>							
G.P.M.	<i>950</i>	<i>776</i>						
GPM/FT	<i>11.1</i>							
AC Ft. in 24 Hrs.	<i>412</i>							
HC Input RPM	<i>1800</i>	<i>60 lbs</i>		<i>10" G.P.S</i>	<i>12.50 Well</i>			
KW Hours Per AC/FT								
EFF								
Cost Per AC/FT								

Well: 23-4 Munn	Pump Data Installation Date:
Meter:	Pump Setting:
Legal:	Airline:
Location:	CT&S Size:
	Bowls:
	Well Depth:
	Blank :
	Perforation:

Motor: DeLan	HP: 450	Volts:	RPM: 1725	Serial: C111081
Fram:	Type:	Pump:	Type Oil Lube:	

Date	10-1-10								
Standing Water	308'								
Draw Down	30								
Pumping Level	338								
Lift Above Discharge	4.0								
Total Lift	347								
G.P.M.	1592.1892 gal							7.6 gal min 1500	
GPM/FT	53								
AC Ft. In 24 Hrs.	7.0								
HC Input RPM	1800 193	.4 Lbs		10" EPS	.250 wall				
KW Hours Per AC/FT									
EFF									
Cost Per AC/FT									

Well: 22-2-1000	Pump Data Installation Date:
Meter: Cast	Pump Setting:
Legal:	Airline:
Location:	CT&S Size:
	Bowls:
	Well Depth:
	Blank:
	Perforation:

Motor: De RM	HP: 300	Volts:	RPM: 1800	Serial: 13208080
Fram:	Type:	Pump:	Type Oil Lube:	

Date	0							
Standing Water	0							
Draw Down	0							
Pumping Level	0							
Lift Above Discharge	55							
Total Lift	—							
G.P.M.	1229	1229 gpm						
GPM/FT	—							
AC Ft. in 24 Hrs.	514							
HC Input RPM	141800	2.4 lbs	10' FPS	62.50 m/s				
KW Hours Per AC/FT								
EFF								
Cost Per AC/FT								

