

PUMPING TEST, CHEMPLEX #6  
November 28, 1966

Time (Hr.)	Time (Min.)	Gage	Pumping Level	Drawdown (Feet)	Head (inches)	GPM	Remarks
7:50a.m.		200					SWL - 210 feet
8:00a.m.							Start pump
	2	150	260	50	40	1311	Water very turbid, pumping sand.
	5	140	270	60	38	1281	
	8	136	274	64			
8:10	10	138	272	62			
	12	140	270	60			
	16	140	270	60	41	1326	Air temp. 29F, water 69 F.
8:20	20	140	270	60			
8:30	30	140	270	60	42	1341	
	40	140	270	60			
	50	140	270	60			
9:00	60	140	270	60	42	1341	
9:01							Increase pumping rate.
9:02	62	136	274	64	53	1506	
9:03							Increase pumping rate.
9:04	64	129	281	71	53	1506	Water turbid, very sandy.
	66	128	282	72			
	68	129	281	71			
9:10	70	129	281	71			
	75	128	282	72	52.5	1499	
	80	128	282	72			
9:30	90	127	283	73	52.5		Water temp. 68.5 F
	105	127	283	73			
10:00	120	126	284	74	53	1506	Water clearing, less sand
	135	126	284	74			
	150	126	284	74	52.5		Water temp. 68 F
11:00	180	125	285	75			
	210	125	285	75			Water temp.
12:00p.m.	240	124	286	76			
12:25							Increase pumping rate.
12:30	270	120	290	80	54	1520	Data from drillers log.
1:15	315	122	288	78	54	1520	Water slightly cloudy, pumping little sand.

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Time (Hr.)	Time (Min.)	Gage	Pumping Level	Drawdown (Feet)	Head (inches)	GPM	Remarks
	330	122	288	78			Air temp. 35 F. water 68 F.
2:00	345	121	289	79			
	360	121	289	79			
	390	120	290	80			
	420	120	290	80			Water temp. 68 F.
	440	120	290	80	54	1520	Water sample collected. Specific Capacity 19.5

Note: This test was scheduled for 48 hours duration; the pump broke down on the second day and a new pumping test was scheduled for 12-5-66.

WELL TEST DATA

Job: Chemplex Construction Corporation Date Tested: 2-9-67  
 Well No. 3 - Clinton, Iowa Tested By: John Masters  
 Dia. of Well: 15 1/4" Driver: Lerol Engine  
 Depth of Well: 2571' Column & Shaft: 10" x 2-3/16  
 Length of Airline: 380' Bowls: 15" - 7 Stage  
 Non-Pumping Level: 240'  
 Orifice Size: 12" x 9"

<u>Time</u>	<u>Pizo-</u> <u>meter</u>	<u>G.P.M.</u>	<u>Air</u> <u>Gauge</u>	<u>P.L.</u>	<u>D.D.</u>	<u>Disc.</u> <u>Press.</u>	<u>Remarks</u>
noon							
12:00	18	1520	93'	287	47	48	Start Test
12:15	18	1520	93'	287	47	48	Water dirty brown
12:30	19.5	1580	93'	287	47	48	Water gray & sandy
1:00	18	1520	93'	287	47	48	Water gray & sandy
1:30	18	1520	93'	287	47	48	" " " "
2:00	18	1520	93'	287	47	48	Clearing - sandy
2:30	18	1520	93'	287	47	48	Clearing - sandy
3:00	18	1520	93'	287	47	48	Clearing - little sand
3:30	17.5	1500	93'	287	47	48	" " "
4:00	17.5	1500	93'	287	47	48	" " "
4:30	17.5	1500	93'	287	47	48	Clear " "
5:00	17.5	1500	93'	287	47	48	" " "
5:30	18	1520	90'	290	50	46	" " "
6:00	18	1520	90'	290	50	46	" " "
6:30	18	1520	90'	290	50	46	" " "
7:00	18	1520	90'	290	50	46	" " "
7:30	18	1520	90'	290	50	46	" " "
8:00	18	1520	90'	290	50	46	" " "
8:30	18	1520	90'	290	50	46	" " "
9:00	17.5	1500	90'	290	50	46	" " "
9:30	17.5	1500	90'	290	50	46	" " "
10:00	17.5	1500	88'	292	52	44	" " "
10:30	17.5	1500	88'	292	52	44	" " "
11:00	17.5	1500	88'	292	52	42	" " "
11:30	17.5	1500	88'	292	52	42	" " "
Midnight							
12:00	17.5	1500	87'	293	53	42	" " "
12:30	17.5	1500	87'	293	53	42	" " "
1:00	17.5	1500	87'	293	53	42	" " "
1:30	17.5	1500	87'	293	53	42	" " "
2:00	17.5	1500	87'	293	53	42	" " "
2:30	17.5	1500	87'	293	53	42	" " "
3:00	17.5	1500	87'	293	53	42	" " "
3:30	17.5	1500	87'	293	53	42	" " "
4:00	17.5	1500	87'	293	53	42	" " "

<u>Time</u>	<u>Pizo-</u> <u>meter</u>	<u>G.P.M.</u>	<u>Air</u> <u>Gauge</u>	<u>P.L.</u>	<u>D.D.</u>	<u>Disc.</u> <u>Pres.</u>	<u>Remarks</u>
4:30	17.5	1500	87'	293	53	42	Clear - Some Sand
5:00	17.5	1500	87'	293	53	42	" " "
5:30	17.5	1500	87'	293	53	42	" " "
6:00	17.5	1500	86'	294	54	42	" " "
6:30	17.5	1500	86'	294	54	42	" " "
7:00	17.5	1500	86'	294	54	42	" " "
7:30	17.5	1500	86'	294	54	42	" " "
8:00	17.5	1500	86'	294	54	42	Clear - No Sand
8:30	17.5	1500	86'	294	54	42	Clear - No sand 69°
9:00	17.5	1500	85'	295	55	42	Clear - No Sand
9:30	17.5	1500	85'	295	55	42	" " "
10:00	17.5	1500	85'	295	55	42	" " "
10:30	17.5	1500	85'	295	55	42	" " "
11:00	17.5	1500	85'	295	55	42	" " "
11:30	17.5	1500	84'	296	56	42	" " "
noon							" " "
12:00	17.5	1500	84'	296	56	42	" " "
12:30	17.5	1500	84'	296	56	42	" " "
1:00	17.5	1500	84'	296	56	42	" " "
1:30	17.5	1500	84'	296	56	42	Clear - Few grains
2:00	17.5	1500	84'	296	56	42	" " "
2:30	17.5	1500	84'	296	56	42	" " "
3:00	17.5	1500	84'	296	56	42	" " "
3:30	17.5	1500	83'	297	57	42	" " "
4:00	17.5	1500	83'	297	57	42	Clear - Few Grains
4:30	17.5	1500	83'	297	57	42	" " "
5:00	17.5	1500	83'	297	57	42	" " "
5:30	17.5	1500	83'	297	57	42	" " "
6:00	17.5	1500	82'	298	58	42	" " "
6:30	18	1520	82'	298	58	42	" " "
7:00	18	1520	82'	298	58	42	" " "
7:30	18	1520	82'	298	58	42	" " "
8:00	18	1520	82'	298	58	42	" " "
8:30	18	1520	81'	299	59	42	" " "
9:00	18	1520	81'	299	59	42	" " "
9:30	18	1520	81'	299	59	42	" " "
10:00	18	1520	80'	300	60	42	" " "
10:30	18	1520	80'	300	60	42	" " "
11:00	18	1520	80'	300	60	42	" " "
11:30	18	1520	80'	300	60	42	" " "
midnight							" " "
12:00	18	1520	80'	300	60	42	" " "
12:30	18	1520	80'	300	60	42	Clear
1:00	18	1520	80'	300	60	42	Clear
1:30	18	1520	80'	300	60	42	Clear
2:00	18	1520	79'	301	61	42	"
2:30	18	1520	79'	301	61	42	"
3:00	18	1520	79'	301	61	42	"
3:30	18	1520	79'	301	61	42	"
4:00	18	1520	79'	301	61	42	"
4:30	18	1520	79'	301	61	42	"

<u>Time</u>	<u>Pizo-</u> <u>meter</u>	<u>G.P.M.</u>	<u>Air</u> <u>Gauge</u>	<u>P.L.</u>	<u>D.D.</u>	<u>Disc.</u> <u>Pres.</u>	<u>Remarks</u>
5:00	18	1520	79'	301	61	42	Clear
5:30	18	1520	78'	302	62	42	"
6:00	18	1520	78'	302	62	42	"
6:30	18	1520	78'	302	62	42	"
7:00	18	1520	78'	302	62	42	"
7:30	18	1520	78'	302	62	42	Slow down motor
8:00	18	1520	78'	302	62	42	Clear
8:30	18	1520	78'	302	62	42	"
9:00	18	1520	78'	302	62	42	"
9:30	18	1520	78'	302	62	42	"
10:00	18	1520	78'	302	62	42	"
10:30	18	1520	78'	302	62	42	"
11:00	18	1520	78'	302	62	42	"
11:30	18	1520	78'	302	62	42	"
12:00	18	1520	78'	302	62	42	"
Noon							
12:01	0	0	125'	255			RECOVERY
12:02	0	0	123'	257			"
12:03	0	0	117'	263			"
12:04	0	0	116'	264			"
12:05	0	0	116'	264			"
12:10	0	0	119'	261			"
12:15	0	0	120'	260			"
12:30	0	0	122'	258			"
12:45	0	0	123'	257			"
1:00	0	0	123'	257			"

Static water level - Well #6

Feb. 9 12:35 P.M. - 199'-3"  
 Feb. 9 5:30 P.M. - 202'-3"  
 Feb. 10 3:00 P.M. - 211'-0"