

PUMP TEST RECORD

THORPE WELL COMPANY, BOX 1376, DES MOINES, IOWA

IOWA GEOLOGICAL SURVEY
MAY 7 - 1964

For Leon, Iowa Located at 1 block West of #2 & 769

Jet, & 1/4 Block North

Make, Kind and Size of Power G.M.D.

Bowl No. T4C255A Size 8 Stages 18

Column Setting 505 ft. Size 6 Shaft size 1 1/2 Layne Oil Land

Static Level Before Pumping 395' After Pumping _____ Temperature _____

1964 Date	Time	Engine R.P.M.	Pump R.P.M.	Pumping Level	Gallons Per. Min.	Temp. Discharge Description	Sand P.P.M. Volume
3/25	A.M. 11:30	2000	2000	442	220	66° cloudy	
	11:45	2000	2000	455	240	Cloudy	
	12:00	1750	1750	455	240		adj. change pump
	P.M. 12:30	1775	1775	465	250	80°	
	1:00	1750	1750	467	250		
	1:30	1750	1750	469	250		
	2:00	1875	480	307	307	81°	Clear
	2:30	1875	1875	482	307		
	3:00	1875	1875	482	307		
	3:30	1875	1875	482	307	81°	Clear
	4:00	1875	1875	482	307		
	4:30	1875	1875	482	307		
	5:00	1876	1875	482	307		
	5:30	1875	1875	482	307	81°	Clear
	6:00	1875	1875	482	307		
	6:30	1875	1875	482	307		
	7:00	1875	1875	483	307	81°	Clear
	7:30	1875	1875	484	307		
8:00	1875	"	"	"			
8:30	1875	1875	484	301			
9:00	1875	1875	484	307			
9:30	1875	1875	484	307			

PUMP TEST RECORD (continued)

For Leon, Iowa

Located at 1 block W. of #2 & #69 Jct.
& 1/4 Block North

1964 Date	P.M. Time	Engine R.P.M.	Pump R.P.M.	Pumping Level	Gallons Per.Min.	Temp. Discharge Description	Sand P.P.M. Volume
3/25	10:00	1875	1875	484	307	81° clear	
	10:30	1875	1875	484	307		
	11:00	1875	1875	484	307		
	11:30	1875	1875	484	307		
3/26	12:00	1875	1875	484	307		
	12:30	1875	1875	484	307		
	1:00	1875	1875	484	307		
	1:30	1875	1875	484	307		
	2:00	1875	1875	484	307		
	2:30	1875	1875	484	307		
	3:00	1875	1875	484	307		
	3:30	1875	1875	484	307	81° Clear	
	4:00	1875	1875	484	307		
	4:30	1875	1875	484	307		
	5:00	1875	1875	484	307		
	5:30	1875	1875	484	307		
	6:00	1875	1875	484	307		
	6:30	1875	1875	484	307		
	7:00	1875	1875	484	307		
	7:30	1875	1875	"	"		
	8:00	1875	1875	484	307		
	8:30	1875	1875	484	307		
	9:00	1875	1875	484	307		
	9:30	1875	1875	484	307	81° clear	
10:00	1875	1875	484	307			
10:30	1875	1875	484	307			
11:00	1875	1875	486	316			

PUMP TEST RECORD

THORPE WELL COMPANY, BOX 1376, DES MOINES, IOWA

For LEON CITY WELL - Located at LEON, IOWA

Make, Kind and Size of Power _____

Bowl No. _____ Size _____ Stages _____

Column Setting _____ ft. Size _____ Shaft size _____ and _____

Static Level Before Pumping 393' After Pumping Level = 499' Temperature 80°

Date	Time	Engine R.P.M.	Pump R.P.M.	Pumping Level	Gallons Per Min.	Temp. Discharge Description	Sand P.P.M. Volume
<u>OCT. 29</u>	<u>HARDNESS</u>	<u>CHLORIDE</u>	<u>TEMP.</u>	<u>IRON</u>	<u>80</u>		
	<u>8:30 AM</u>	<u>650</u>	<u>630</u>	<u>—</u>	<u>"</u>		
	<u>10:30 AM</u>	<u>650</u>	<u>625</u>	<u>—</u>	<u>"</u>		
	<u>12:00 Noon</u>	<u>650</u>	<u>625</u>	<u>—</u>	<u>"</u>		
	<u>2:00 PM</u>	<u>650</u> ^{38 GRAMS}	<u>665</u>	<u>0.85</u>	<u>"</u>		
	<u>8:00 PM</u>	<u>600</u> ^{38 GRAMS}	<u>625</u>	<u>0.80</u>	<u>"</u>		
	<u>OCT. 30</u>						
	<u>8:00 AM</u>	<u>600</u>	<u>625</u>	<u>0.30</u>	<u>80</u>		<u>sp. cap. = .75 g/ft dd</u>
	<u>11:00 AM</u>	<u>600</u>	<u>625</u>	<u>0.35</u>	<u>"</u>		
	<u>3:00 PM</u>	<u>600</u>	<u>625</u>	<u>0.35</u>	<u>"</u>		
	<u>10:00 PM</u>	<u>725</u>	<u>625</u>	<u>0.60</u>	<u>"</u>		
	<u>OCT. 31</u>						
	<u>8:00 AM</u>	<u>625</u> ^{37 GRAMS}	<u>625</u>	<u>0.85</u>	<u>80</u>		
	<u>2:00 PM</u>	<u>625</u> ^{37 GRAMS}	<u>600</u>	<u>0.35</u>	<u>"</u>		
	<u>8:00 PM</u>	<u>460</u> ^{27 GRAMS}	<u>600</u>	<u>0.60</u>	<u>"</u>		
	<u>NOV. 1</u>				<u>80</u>		
	<u>2:00 AM</u>	<u>500</u>	<u>575</u>	<u>0.40</u>	<u>"</u>		
	<u>8:00 AM</u>	<u>500</u>	<u>575</u>	<u>1.2</u>	<u>"</u>		