

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Harvey

Location listed as:

Location changed to:

Section-Township-Range: 15-225-2W

15-225-2W

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): NW NE NE

E2 NW NE

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Written & legal descriptions, location of well #8,
and aerial photos on KGS mapping tool online.

initials: DRJ date: 6/6/2006

WELL INFORMATION

Layne-Western Company

(KGS) R2W T22S
NW NE NE 15-22s-2W
REC 15 A A ~
✓ 9/

1. CONTRACT CITY OF HESSTON
2. City, State HESSTON, KANSAS
3. Well No. 9 at Test Hole No. 4
4. Well Location (attach map) 530' 2nd South
of Well No. 8, 1/2 MI. West of City of
Hesston, Kansas
5. Driller George Rouse
6. DATE 10-8-63
7. Date Started 10-8-63
Completed 10-8-63
8. Drill Crew Man Hrs. 12
9. Working Days 1
Drilling 1
Other 0

10. MATERIAL IN WELL			GAGE NO.	WALL THICKNESS IN.	MATERIAL	TYPE	NO.
	LENGTH FT. IN.	DIA. IN.					
Screen	<u>20</u> <u> </u>	<u>12</u> <u> </u>	<u>7</u>	<u>.188</u>	<u>Stainless Steel</u> <u>18-8</u>	<u>Shutter</u> <u>Screen</u>	<u>5</u> Openings
Inner Casing	<u>125</u> <u> </u>	<u>12</u> <u> </u>	<u> </u>	<u>.120</u>	<u>T.B.C.</u> <u>Screening</u>	<u>Welded</u> <u>Screwed</u>	
Outer Casing	<u>None</u> <u> </u>	<u> </u> <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>Welded</u> <u>Screwed</u>	

11. GRAVEL
Size 1/8 to 3/8
Tons 38

12. SEALING CASING _____
 Puddled Clay (Yes) (No)
 With _____ Bags Bentonite Added
 or
 With ~~4~~ **10** Bags Cement
 Seal Material Placed in
 Well With ~~Prose~~
 Bottom of Well Screen
 Sealed With ~~10~~ **10** Plates Welded

13. WELL DIMENSIONS
- A. Total Depth **145'**
(From Top of Inner Casing to Bottom of Well)
- B. Height of Inner Casing **3'**
(Above Ground Level)
- C. Distance to Top of Gravel **20'**
(From Ground Level)
- D. Diameter of Drill Hole **30" Full Depth**
by Reverse Circulation
- Comments

14. PUMPING TEST

A.

Test pump 12 in PK Bowl 1 Stages

Permanent pump

Length of column 85 Ft.

Length of Bowl 20 Ft.

Length of suction None Ft.

B. Measured water level 22.72 Ft. from top of 12 In.

dia. casing which is 3 Ft. above ground.

C. Length of airline _____ Ft. from top of casing.

ORIFICE

5 x 6
x

TIME	INCHES ORIFICE MANOMETER	GPM	ALT. GAGE READING	WATER LEVEL	DRAW DOWN
11:00		0		32.72	0
12:15 P.M.		500		56.45	25.73
3:15		517		57.53	24.86
6:15		510		58.03	25.31
9:15		503		58.61	25.89
12:15 A.M.		503		59.00	26.28
3:15		524		57.91	25.19
6:15		524		58.31	25.59
9:15		524		57.75	25.03
10:00		517		57.63	24.90
10:01		0		39.00	6.28
10:05		0		35.28	3.56
10:19		0		33.17	0.45

15. Permanent _____ Pump No. _____ installed by _____

Layne

Permanent air line length _____ Ft. Date _____

Month

Day

Year

Well #9

Formation

OFFICE: BOSTON
 NAME: LAMBLE

22-2W-154F²

WELL NO. (2) - TEST HOLE NO. 4

Readings taken from 2' above ground level.

TIME	PUMPING LEVEL	GPI	DRAW DOWN
11:00	30.72	500	
11:01	30.22	"	19.50
11:02	31.58	"	20.86
11:03	32.60	"	21.88
11:04	32.83	"	22.11
11:05	33.85	"	23.16
11:06	34.08	"	23.36
11:07	34.23	"	23.51
11:08	34.36	"	23.64
11:09	34.39	"	23.67
11:10	34.43	"	23.71
11:11	34.46	"	23.74
11:12	34.50	"	23.78
11:13	34.58	"	23.86
11:14	34.62	"	23.90
11:15	34.60	"	23.88
11:16	34.62	"	23.90
11:17	34.64	"	23.92
11:18	35.10	"	24.38
11:19	35.22	"	24.50
11:20	35.27	"	24.55
11:21	35.30	"	24.58
11:22	35.32	"	24.60
11:23	36.45	"	25.73
11:24	36.61	"	25.89
1:25	36.60	"	25.88
1:46	36.40	"	25.68
2:25	35.65	517	25.13
2:45	35.43	"	24.93
3:15	35.36	"	24.86
3:45	36.12	503	25.40
4:15	36.34	"	25.62
4:45	36.52	"	25.80
5:15	36.53	"	25.81
5:45	36.43	"	25.73
6:15	36.03	510	25.31
6:45	35.92	517	25.20
7:15	35.87	524	25.11
7:45	36.22	510	25.50
8:15	36.00	510	25.79

TIME	PUMPING LEVEL	RPM	DEAN DOWN
Oct. 4, 1963			
8:45 P.M.	56.92	503	26.20
9:15	56.61	"	25.89
9:45	56.97	495	25.25
10:15	56.11	517	25.39
10:45	55.88	"	25.16
11:15	55.88	524	25.16
11:45	56.11	"	25.39
12:15 A.M.	57.00	503	26.26
12:45	56.65	495	25.93
1:15	56.74	"	26.02
1:45	56.80	"	26.08
2:15	56.39	503	25.57
2:45	56.12	510	25.40
3:15	55.91	524	25.17
3:45	56.40	510	25.31
4:15	56.76	"	25.34
4:45	56.97	503	26.25
5:15	55.86	517	25.14
5:45	56.18	524	25.45
6:15	56.31	"	25.59
6:45	56.27	530	25.60
7:15	56.31	"	25.59
7:45	55.78	524	25.06
8:15	55.78	"	25.06
8:45	55.85	517	25.13
9:15	55.75	524	25.03
9:45	55.67	517	24.95
10:00	55.62	517	24.90
<u>RECOVERY</u>			
10:01	57.00	0	
02	55.08	"	
03	53.26	"	
04	52.91	"	
05	52.67	"	
06	52.44	"	
09	52.35	"	
10	52.09	"	
11	51.83	"	
12	51.71	"	
13	51.17	"	

will be open and developed 48 hours before final test.