LOCATION OF WA				Form WWC-	5 KSA 82		
	TER WELL:	Fraction			ction Number		Range Number
County: Staffor	:d	NW 1/4	NW 1/4	NW 1/4	6	T 23 S	R 13 🕏 W
Distance and direction Approx. 6 mil				ted within city?			
WATER WELL OW	/NER:	Big	g Bend GMD #	5			
RR#, St. Address, Bo		•	0. Box 7			Board of Agriculture	Division of Water Resources
City, State, ZIP Code		Sta	afford, KS	67578		Application Number:	not required
	OCATION WITH	4 DEPTH OF CO	OMPLETED WELL.	104	ft. ELEVA	TION: unknown	
X NW		WELL'S STATIC Y	WATER LEVEL test data: Well wa	26.5 ft. later was not	pelow land su ck. d ft. a	2	
		Bore Hole Diamet	ter 9 in t	nter was o 102	ft. 8	ifter hours pu and ir	umping gpm
* w	E E	WELL WATER TO		5 Public wat			Injection well
- i	i	1 Domestic	3 Feedlot			9 Dewatering 12	•
SW	SE	2 Irrigation	4 Industrial	7 Lawn and	garden only	10 Observation well	
!		Was a chemical/h	acteriological cample	P submitted to F	garderi only Jenartment? V	es	mo/day/w.cample.wae.aub
			acteriological sample	Submitted to L			
TYPE OF BLANK		mitted	E Menuela inco	0.0		ter Well Disinfected? Yes	No X
J			5 Wrought iron				
1 Steel	3 RMP (SF	•	6 Asbestos-Cement		(specify below	•	ied
2 PVC	4 ABS	97	7 Fiberglass			Thre	aded
Blank casing diameter	٠ ٠٠٠ ٠٠٠ ٠٠٠ ٠٠٠ ٠٠٠	in. to ? . / .	ft., Dia	in. to 799)	ft., Dia	in. to ft.
			in., weight 4 • .			ft. Wall thickness or gauge N	lo • . 4.9.2
TYPE OF SCREEN O	R PERFORATION			7 P\		10 Asbestos-ceme	
1 Steel	3 Stainless	steel	5 Fiberglass	8 RI	MP (SR)	11 Other (specify))
2 Brass	4 Galvanize	ed steel	6 Concrete tile	9 AE	ss	12 None used (or	oen hole)
CREEN OR PERFO	RATION OPENING	GS ARE:	5 Gau	zed wrapped		8 Saw cut	11 None (open hole)
1 Continuous slo	ot 3 Mi	II slot	6 Wire	e wrapped		9 Drilled holes	
2 Louvered shut	ter 4 Ke	y punched	7 Toro	ch cut		10 Other (specify)	
SCREEN-PERFORATI	ED INTERVALS:	From	9.7 ft. to .	102	ft., Fro	m ft. :	to
						m ft.	
GRAVEL PA	CK INTERVALS:					m ft.	
G. 5	••••						
		From	ft. to				
GROUT MATERIAL	· 1 Neat c	From 2			ft., Fro	m ft.	to ft.
GROUT MATERIAL	.: 1 Neat c	ement 2	2 Cement grout	3 Bente	ft., Fro	m ft.	to ft.
Grout Intervals: From	m	ement 2 ft. to 87	2 Cement grout	3 Bente	ft., Fro	m ft. · Other	to ft
What is the nearest so	m0 ource of possible o	ement 2 ft. to 87 contamination:	Cement grout	3 Bente	ft., Fro	m ft. Other ft., From tock pens 14 A	to ft
Grout Intervals: From What is the nearest so 1 Septic tank	m0 ource of possible of 4 Latera	ement 2 ft. to	Cement grout ft., From	3 Bento ft.	ft., Fro	om ft. Other ft., From tock pens 14 A storage 15 C	to ft
Grout Intervals: From What is the nearest so 1 Septic tank 2 Sewer lines	m0 ource of possible of 4 Latera 5 Cess	tt. to87 contamination: al lines	P. Cement grout From From From 7 Pit privy 8 Sewage la	3 Bento ft.	ft., Fro	om ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C	to ft.
Grout Intervals: From What is the nearest so 1 Septic tank 2 Sewer lines	m0 ource of possible of 4 Latera	tt. to87 contamination: al lines	Cement grout ft., From	3 Bento ft.	ft., Fro	om ft. Other ft., From tock pens 14 A storage 15 C	to ft
Grout Intervals: From What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well?	m0 ource of possible of 4 Latera 5 Cess	ement 2 ft. to	P Cement grout From Pit privy Sewage la Sewage la	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
Grout Intervals: From What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? FROM TO	m00	ement 2 ft. to	2 Cement grout ft., From 7 Pit privy 8 Sewage la 9 Feedyard	3 Bento ft.	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage	to ft. ft. to
FROM TO Or other terms of the service of the servi	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all	ement 2 ft. to 87 contamination: al lines pool age pit LITHOLOGIC L soil & sandy	P Cement grout The fit, From Pit privy Sewage la Sewage la Seedyard OG Y brown clay	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
Grout Intervals: From What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? FROM TO	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or other terms of the service of the servi	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ement 2 ft. to 87 contamination: al lines pool age pit LITHOLOGIC L soil & sandy	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or other terms of the service of the servi	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or other terms of the service of the servi	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or other terms of the service of the servi	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? TO 0 45	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? TO 0 45	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? TO 0 45	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or out Intervals: From the service of the	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? TO 0 45	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or out Intervals: From the service of the	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or out Intervals: From the service of the	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or out Intervals: From the service of the	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
FROM TO Or What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? TO 0 45	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
Grout Intervals: From What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? FROM TO 45	ource of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & gra	ft. to	P Cement grout The firm of the	3 Bento	ft., Fro	m ft. Other ft., From tock pens 14 A storage 15 C izer storage 16 C ticide storage ny feet?	to ft. ft. to
Grout Intervals: Froi What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? FROM TO 0 45 45 102	m00	ement 2 ft. to 87 contamination: al lines pool age pit LITHOLOGIC L soil & sandy avel, med. t of tan clay	P Cement grout The firm of the	3 Bento ft.	ft., Fro	m ft. Other	to ft. ft. to ft. Abandoned water well Dil well/Gas well Other (specify below) FIELD GIC LOG
Grout Intervals: Froi What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? FROM TO 0 45 45 102	m0	ement 2 ft. to 87 contamination: al lines pool age pit LITHOLOGIC L soil & sandy avel, med. t of tan clay	P Cement grout This water well	3 Bente ft.	ft., Fro	m ft. Other	to ft. ft. to ft. Abandoned water well Dil well/Gas well Other (specify below) FIELD GIC LOG
Grout Intervals: From What is the nearest so a Septic tank 2 Sewer lines 3 Watertight sew Direction from well? FROM TO 0 45 45 102 CONTRACTOR'S Completed on (mo/day.)	m 0	ft. to	P Cement grout This water well P / 86	3 Bente ft. goon FROM	ft., Fro onite 4 to	onstructed, or (3) plugged unord is true to the best of my kr	to ft. ft. to ft. Abandoned water well Dil well/Gas well Other (specify below) FIELD GIC LOG der my jurisdiction and was powledge and belief. Kansas
Grout Intervals: Froi What is the nearest so 1 Septic tank 2 Sewer lines 3 Watertight sew Direction from well? FROM TO 0 45 45 102 CONTRACTOR'S Completed on (mo/day, Water Well Contractor)	purce of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & grasstreaks of 5 Seepa streaks of 5 Seepa all Sandy tops Sand & grasstreaks of 5 Seepa streaks of 5 Seepa all Sandy tops Sand & grasstreaks of 5 Seepa streaks of 5 Seepa all Sandy tops Sand & grasstreaks of 5 Seepa all Sandy tops Sand & grasstreaks of 5 Seepa all Sandy tops Sand & grasstreaks of 5 Seepa all Sandy tops Sand & grasstreaks of 5 Seepa all Sandy tops Sand & grasstreaks of 5 Seepa all Sandy tops Sandy to	ft. to 87 ft. to 87 contamination: al lines pool age pit LITHOLOGIC L soil & sandy avel, med. to of tan clay T'S CERTIFICATIO IX 11/19	2 Cement grout ft., From 7 Pit privy 8 Sewage la 9 Feedyard OG y brown clay to fine w/ @ 54' ON: This water well 9/86 This Water	3 Bente ft.	ft., Fro onite 4 to	onstructed, or (3) plugged unord is true to the best of my kroon (molesylar).	to ft. ft. to ft. Abandoned water well Dil well/Gas well Other (specify below) FIELD GIC LOG der my jurisdiction and was powledge and belief. Kansas
Grout Intervals: From What is the nearest so a Septic tank 2 Sewer lines 3 Watertight sew Direction from well? FROM TO 0 45 45 102 CONTRACTOR'S Completed on (mo/day, Water Well Contractor under the business na	Durce of possible of 4 Latera 5 Cess ver lines 6 Seepa all Sandy tops Sand & grasstreaks of 5 Cess ver lines 6 Seepa all Streaks of 5 Cess ver lines 6 Seepa all Sandy tops Sand & grasstreaks of 5 Cess ver lines 6 Seepa all Sandy tops Sand & grasstreaks of 5 Cess ver lines of 5 Cess ver lines of 5 Cess ver lines of 6 Cess ver lines ver	ft. to	Prit privy 8 Sewage la 9 Feedyard OG 9 brown clay to fine w/ @ 54' ON: This water well 9/86 This Water uipment, Inc.	3 Bente ft. ft. goon FROM was (1) construction. Well Record was	ft., Fro onite 4 to	onstructed, or (3) plugged unord is true to the best of my kr	to ft. to ft

BIG BEND GMD#5-KGS WATER QUALITY OBSERVATION WELL NETWORK

SITE NUMBER : 52 SITE LOCATION: NW NW NW LEGAL LOCATION: 6-23-13

COUNTY : Stafford

gim, 1120

WELL LOG

FROM	TO	LITHOLOGIC LOG OWNER: GLEASON RANCH							
0	7	top soil, fine sand, Pratt							
7	9	fine sand in salt matrix							
9	15	brown sandy clay							
15	30	same							
30	37	same							
37	45	color changes to light tan sandy clay							
45	54	Arkosic sand and gravel (fine to med gravel)							
54	54 - 5	stringer of clay							
54 1/2	60	med to coarse sand and gravel							
60	75	same							
75	90	same							
90	102	same							
102	105	brown sandy clay							
105	112	soft brown clay							
112	120	fine sand to fine gravel							
120	127	very fine sand to fine gravel, gray clay							
127	131	gray clay							
131	135	fine sand to fine gravel							
135	141	same							
141	144	soft sandy tan clay							
144	150	fine sand to fine gravel							
150	156	same							
156	157	clay stringer							
157	165	fine sand to fine gravel							
165	170	same							
170	180	light gray clay (soft) interbedded with fine sand							
180	195	fine sand to fine gravel interbedded with gray clay							
		stingers							
195	200	same							
200	210	fine sand to med gravel							
210	221	same							
221	225	red shale - PERMIAN							
		(N)							
		$\left(\begin{array}{c} 1 \end{array}\right)$							
		TD - 200' TD - 102'							

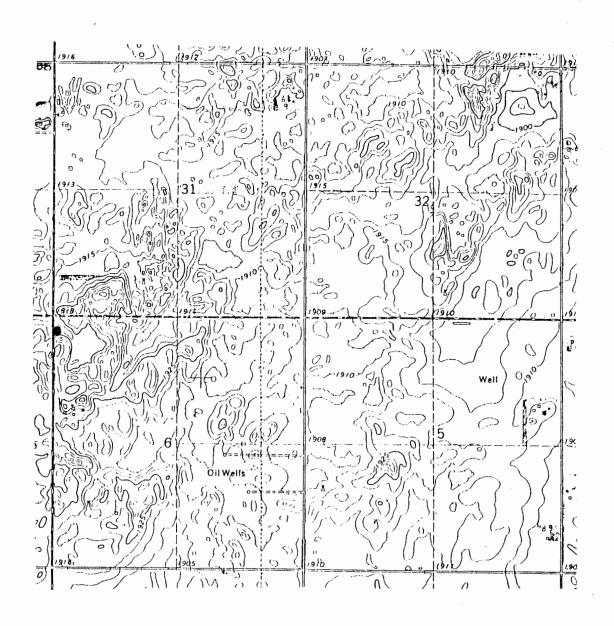
TD = 200' 195' / 5'

TD = **1**02' **4**97' / 5'

SITE NUMBER :
SITE LOCATION :
LEGAL LOCATION:
COUNTY :

NW NW NW 6-23-13 Stafford LANDOWNER: ADDRESS: Gleason Ranch, Inc RR 2 Box 6E Larned, KS 67550

PHONE NO.:



SITE NUMBER : SITE LOCATION :

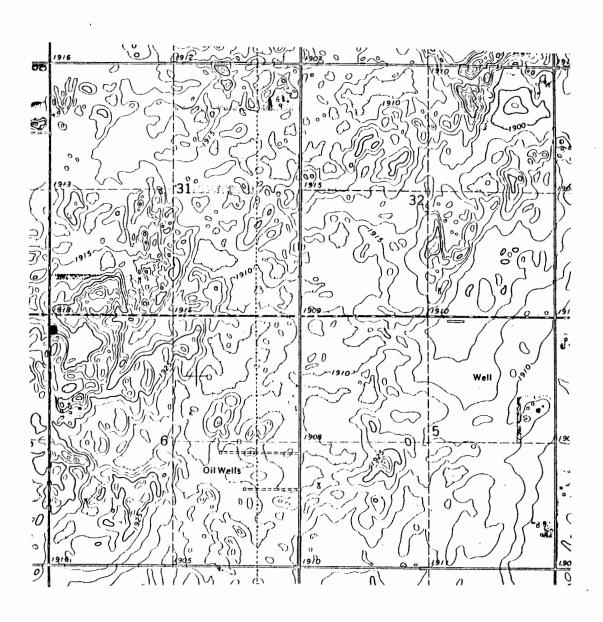
LEGAL LOCATION:
COUNTY:

52 NW NW NW

6-23-13 Stafford LANDOWNER:

Gleason Ranch, Inc RR 2 Box 6E Larned, KS 67550

PHONE NO.:



71.045 -- **8**

MELL MAME: SITE52

Ny SELEN E SE	COMPOSESSES	COMMENCE		55 11 349 33 37 37	MMAGS
8		no widgen and apply of the hander gives a man made to accomply an analysis and an energy of the control and pro-	.96	. 99	. 99
160			.96	. 00	. 88
20		The second secon	.95	. 99	. 88
312		100 Marian 100 Maria	.72	. 88	. 99
40		LET M. LONDON P. CO. C.	. 65	. 99	. 99
50			.79	. 88	. 98
60			.65	. 88	.00
70			.64	.00	. 88
80			.68	. 99	.88
90	1		.63	. 99	. 98
199		200 2 200 2 100 1 1 1 1 1 1 1 1 1 1 1 1	.77	. 00	. 08
110			.63	. 00	. 88
120	1		. 70	. 00	. 86
138			. 87	. 20	. 88
140			. 87	. 00	. 62
150			. 68	. 99	. 08
160			.69	, 炒份	. 88