			**AILILY	VELL RECORD F	orm WWC-5	KSA 82			 	
	ON OF WAT		Fraction		Sec	ction Number	Townsh	ip Number	Range Nu	mber
	Doniphan		SW 1/4	NE 1/4 NW	1/4	5	т 3	S	R 20	E/M/X
Distance a	and direction	from nearest town of	or city street addre	ess of well if located	within city?					
2 WATER	R WELL OW	NER: Thomas D	orrell F	Project #OK 9	3-A76					
				Indian Healt		20	Board	of Agriculture I	Division of Water	Becources
			-					-	DIVISION OF WATER	nesources
				, Oklahoma, O						
3 LOCATE	E WELL'S LO			IPLETED WELL						
- AN X	IN SECTION	De De	epth(s) Groundwat	er Encountered 1		ft.	2 <i></i>	ft. 3	<i></i>	ft.
- r	1			ATER LEVEL2						
	i×			st data: Well water						
-	NW	NE						•		
l l	1			gpm: Well water						
wie w				9 in. to					to	. .
₹ "	!!!	i ME	ELL WATER TO	BE USED AS: 5	Public water	er supply	8 Air condition	ning 11	Injection well	
T	- t		1 Domestic	3 Feedlot 6	Oil field wa	iter supply	9 Dewatering	12	Other (Specify b	elow)
	SW	SE	2 Irrigation							
	_	Wa	•	teriological sample su						
l L	<u> </u>		tted	.oo.o.g.oup.o.ou				fected? Yes X		
-1										
		ASING USED:		Wrought iron		ete tile			J.XClampe	
1 Ste	eel	3 RMP (SR)	6	Asbestos-Cement		• •	•		ed	
2 PV	/c >	4 ABS	7	Fiberglass				Threa	aded	
Blank casi	ng diameter		to 30	ft., Dia5	in. to	50-70	ft., Dia	5	in. to 90 - 10.0	ft.
	•			, weight						
_	•	R PERFORATION M		, worging it is a second	7 PV			Asbestos-ceme		
-				, .		-				
1 Ste		3 Stainless st		Fiberglass		MP (SR)				
2 Bra	ass	4 Galvanized	steel 6	Concrete tile	9 AE	ss	12	None used (op	en hole)	
SCREEN (OR PERFOR	RATION OPENINGS	ARE:	5 Gauzeo	wrapped		8 Saw cut	<i>う</i>	11 None (oper	n hole)
1 Co	ontinuous slo	t 3 Mill s	slot	6 Wire w	rapped		9 Drilled ho	oles .		
2 Lo	uvered shutt	er 4 Key p	punched	7 Torch o	cut		10 Other (sa	pecify)		
		ED INTERVALS:		D ft. to		ft Fro				
SOMELIA	LIII OILAIL	D INTERIVACO.	5 71		00		MII		•	
				J 64 40	フロ	4 F.				
_) ft. to						
d	GRAVEL PA	CK INTERVALS:	From 25	ft. to		ft., Fro	om	ft. t	0	
					100	ft., Fro	om	ft. t	o o	ft. ft.
	GRAVEL PA	: 1 Neat cem	From	ft. to ft. to Cement grout	100	ft., Fro	om	ft. t	o o	
	T MATERIAL	: 1 Neat cem	From	ft. to ft. to Cement grout	100	ft., Fro	om	ft. t	o o	
6 GROUT	T MATERIAL	: 1 Neat cem	From	ft. to ft. to	100	ft., Fro	om	ft. t	o o	
6 GROUT Grout Inter	T MATERIAL rvals: From	.: 1 Neat cem m 4 ft. ource of possible cor	From 25 From nent 2 (to 25	ft. to ft. to Cement grout ft., From	100	ft., Fro ft., Fro onite 4 to	om	m	oo ft. to bandoned water	
6 GROUT Grout Inter What is th	T MATERIAL rvals: From the nearest so eptic tank	.: 1 Neat cerm m	From 25 From nent 2 (to 25	ft. to ft. to Cement grout ft., From	3 Bento	to	om Other ft., Fro stock pens storage	m	oo ft. tobandoned water	ft. ft. ft. well
6 GROUT Grout Inter What is th 1 Se 2 Se	T MATERIAL rvals: From the nearest so eptic tank ewer lines	.: 1 Neat cem m4ft. ource of possible cor 4 Lateral li 5 Cess po	From 25 From nent 2 (to	ft. to ft. to Cement grout ft., From	3 Bento	to	om Other ft., Fro stock pens storage	m	o	ft. ft. ft. well
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa	T MATERIAL rvals: From the nearest so eptic tank ewer lines atertight sew	.: 1 Neat cerm m	From 25 From nent 2 (to	ft. to ft. to Cement grout ft., From	3 Bento	to	om Other Other Stock pens storage	m	oo ft. tobandoned water	ft. ft. ft. well
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f	T MATERIAL rvals: From the nearest so eptic tank ewer lines atertight sew from well?	.: 1 Neat cem m	From	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard	3 Bento	to	om Other ft., Fro stock pens storage	m	o	ft. ft. ft. well
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa	T MATERIAL rvals: From the nearest so eptic tank the ewer lines atertight sew from well?	.: 1 Neat cem m	From 25 From nent 2 (to	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard	3 Bento	to	Other ft., Fro stock pens storage lizer storage cticide storage any feet?	m	oft. tobandoned water iii well/Gas well ther (specify bel 大口のW口	ft. ft. ft. well
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f	T MATERIAL rvals: From the nearest so eptic tank ewer lines atertight sew from well?	.: 1 Neat cem m	From	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard	3 Bento	to	Other ft., Fro stock pens storage lizer storage cticide storage any feet?	m	o	ft. ft. ft. well
GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f	T MATERIAL rvals: From the nearest so eptic tank the ewer lines atertight sew from well?	.: 1 Neat cerm m	From	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard	3 Bento	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5	Other ft., Fro stock pens storage clicide storage any feet?	m	oft. tobandoned water well/Gas well known	ft. ft. ft. well ow)
GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4	rvals: From the nearest so the petic tank the swer lines attertight sew from well?	.: 1 Neat cem m	From	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard	3 Bento ft. on FROM 53 58.5	10 Lives 11 Fuel 12 Ferti 13 Inse- How ma TO 58.5	Other ft., Fro stock pens storage clicide storage any feet?	m	oft. tobandoned water will well/Gas well ther (specify bel known	ft. ft. ft. well ow)
GROUT Inter What is the 1 Se 2 Se 3 Wa Direction f FROM 0 4	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well?	.: 1 Neat cem m	From	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagoo 9 Feedyard	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet?	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20	r MATERIAL rvals: From the nearest so the price tank ewer lines attertight sew from well? TO 4 19 20 21.5	1 Neat cem 1 4 ft. Fource of possible cor 2 Lateral li 5 Cess po 2 rer lines 6 Seepage No Sample Silt & cla limestone limestone	From25 From nent 2 0 to25 ntamination: ines pol e pit LITHOLOGIC LO ay - brn - brn - lt. gray	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagoo 9 Feedyard G	3 Bento ft. on FROM 53 58.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet?	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5	r MATERIAL rvals: From the nearest screptic tank ewer lines attertight sew from well? TO 4 19 20 21.5	.: 1 Neat cem 4 ft. burce of possible cor 4 Lateral li 5 Cess po er lines 6 Seepage No Sample Silt & cla limestone limestone shale - ol	From25 From25 From25 nent 2 0 to25 ntamination: ines pol p pit LITHOLOGIC LO ay - brn - brn - lt. gray ive	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagoo 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet?	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23	r MATERIAL rvals: From te nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5	.: 1 Neat cem m 4 ft. burce of possible cor 4 Lateral li 5 Cess po er lines 6 Seepage No Sample Silt & cla limestone limestone shale - ol shale - dr	From	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet?	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5	r MATERIAL rvals: From te nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5	.: 1 Neat cem m 4 ft. burce of possible cor 4 Lateral li 5 Cess po er lines 6 Seepage No Sample Silt & cla limestone limestone shale - ol shale - dr	From25 From25 From25 nent 2 0 to25 ntamination: ines pol p pit LITHOLOGIC LO ay - brn - brn - lt. gray ive	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet?	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23 24.5	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5	.: 1 Neat cem m	From	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23 24.5 27	rvals: From the nearest so eptic tank entertight sewer lines attertight sewer lines attertion	.: 1 Neat cem m 4	From	ft. to	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23 24.5 27 28	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5	1 Neat cem 1 4 ft. 1 Lateral li 1 5 Cess po 1 Sample 1 Silt & cla 1 limestone 1 shale - dr 1 limestone 1 shale - gr 1 limestone 1 shale - gr 1 limestone	From25 From nent 20 to25 ntamination: ines pol p pit LITHOLOGIC LO Ay- brn - brn - lt. gray ive k. gray - lt. gray ay - gray	ft. to	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23 24.5 27 28 30.5	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32	: 1 Neat cem	From25 From nent 20 to25 Intamination: ines pol e pit LITHOLOGIC LO ay - brn - brn - lt. gray ive ck. gray - lt. gray cay - gray cay	ft. to	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23 24.5 27 28 30.5 32	rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35	: 1 Neat cem	From25 From25 From	ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagod 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is the 1 Sec. 3 With Direction f FROM 0 4 19 20 21.5 23 24.5 27 28 30.5 32 35	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5	.: 1 Neat cem m 4 ft. burce of possible cor 4 Lateral li 5 Cess po er lines 6 Seepage No Sample Silt & cla limestone limestone shale - dr limestone shale - gr limestone shale - gr shale-yell limestone	From	ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagod 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23 24.5 27 28 30.5 32	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5	.: 1 Neat cem m 4 ft. burce of possible cor 4 Lateral li 5 Cess po er lines 6 Seepage No Sample Silt & cla limestone limestone shale - dr limestone shale - gr limestone shale - gr shale-yell limestone	From	ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagod 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is the 1 Sec. 2 Sec. 3 With Direction of FROM 0 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5	rvals: From the nearest so eptic tank ever lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44	.: 1 Neat cem m 4	From25 From nent 2 0 to25 ntamination: ines pol e pit LITHOLOGIC LO ay - brn - brn - lt. gray ive ck. gray - lt. gray cay - gray cay - gray cay - yellow b Luish gray	ft. to	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is the 1 Sec. 2 Sec. 3 With Direction of FROM 0 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44	rvals: From the nearest so eptic tank entertight sewer lines attertight sewer lines attertion atter	.: 1 Neat cem 4 ft. burce of possible cor 4 Lateral li 5 Cess po er lines 6 Seepage No Sample Silt & cla limestone limestone shale - ol shale - gr limestone shale - gr shale-yell limestone shale - bl shale- med	From25 From nent 2 0 to25 Intamination: ines ines ines ines ines ines ines ines	ft. to ft. to ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagor 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone	m	oft. tobandoned water well/Gas well ther (specify belknown	ft. ft. ft. well ow)
6 GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44 52.5	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44 52.5 53	No Sample Silt & cla limestone shale - dr limestone shale - gr shale-yell limestone shale - bl shale- med limestone	From	ft. to ft. to ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagod 9 Feedyard G	3 Bento ft.	10 Lives 11 Fuel 12 Ferti 13 Inse How ma TO 58.5 90.5 91 100	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone siltstone	m	oft. tobandoned water will well/Gas well ther (specify bel known	ft. ftft. well ow) stone-mo
6 GROUT Grout Inter What is th	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44 52.5 53 RACTOR'S G	.: 1 Neat cem 4 ft. burce of possible cor 4 Lateral H 5 Cess po er lines 6 Seepage No Sample Silt & cla limestone limestone shale - ol shale - gr limestone shale - gr shale-yell limestone shale - bl shale- med limestone	From	ft. to ft. to ft. to Cement grout ft., From 7 Pit privy 8 Sewage lagod 9 Feedyard G	3 Bento ft. FROM 53 58.5 90.5 91	10 Lives 11 Fuel 12 Ferti 13 Insee How ma TO 58.5 90.5 91 100	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand ston silt ston limestone siltstone	m	o	ft. ftft. well ow)stone-mo
6 GROUT Grout Inter What is th	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 40.5 40.5 I on (mo/day)	I Neat cem M. 4	From	ft. to ft.	3 Bento ft. 53 58.5 90.5 91	10 Lives 11 Fuel 12 Ferti 13 Inse How me TO 58.5 90.5 91 100	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand stor silt stor limestone siltstone siltstone on structed, or ord is true to the storage storage siltstone on structed.	m	o	on and was lief. Kansas
6 GROUT Grout Inter What is th	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 40.5 40.5 I on (mo/day)	I Neat cem M. 4	From	ft. to ft.	3 Bento ft. 53 58.5 90.5 91	10 Lives 11 Fuel 12 Ferti 13 Inse How me TO 58.5 90.5 91 100	Other ft., Fro stock pens storage lizer storage cticide storage any feet? sand stor silt stor limestone siltstone siltstone on structed, or ord is true to the storage storage siltstone on structed.	m	o	on and was lief. Kansas
6 GROUT Inter What is the 1 Sec. 2 Sec. 3 With Direction of FROM 0 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44 52.5 7 CONTR completed Water Weight	r MATERIAL rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44 52.5 53 RACTOR'S (I on (mo/day, of the contractor)	In Neat cem A Lateral ii 5 Cess po rer lines 6 Seepage No Sample Silt & cla limestone limestone shale - ol shale - gr limestone shale - gr chale-yell limestone shale - bl shale - bl	From	ft. to	3 Bento ft. 53 58.5 90.5 91	10 Lives 11 Fuel 12 Ferti 13 Inse How me TO 58.5 90.5 91 100	Other ft., Fro stock pens storage clicide storage clicide storage any feet? sand ston silt ston limestone siltstone siltstone on structed, or ord is true to the on (mo/day/y)	m	o	on and was lief. Kansas
GROUT Grout Inter What is th 1 Se 2 Se 3 Wa Direction f FROM 0 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44 52.5 7 CONTE completed Water Wei under the	rvals: From le nearest so eptic tank ewer lines atertight sew from well? TO 4 19 20 21.5 23 24.5 27 28 30.5 32 35 40.5 44 52.5 53 RACTOR'S (I) I Contractor business na	.: 1 Neat cem m 4 ft. burce of possible cor 4 Lateral li 5 Cess po er lines 6 Seepage No Sample Silt & cla limestone limestone shale - ol shale - dr limestone shale - gr limestone shale - gr limestone shale - gr shale-yell limestone shale - bl shale- med limestone Shale- Mo shale- Mo shale- Mo shale- Mo limestone Shale- Mo shale- Mo shale- Mo shale- Mo stale- No stale- No stale- No me of Riesch	From	ft. to	3 Bento Tt. TROM 53 58.5 90.5 91 (1) construction	to	Other	m	o. ft. to	on and was lief. Kansas 4