

1 LOCATION OF WATER WELL: Fraction  $\frac{1}{4}$  N  $\frac{1}{4}$  W  $\frac{1}{4}$  NW Section Number 15 Township Number T 28 S Range Number R 19 E/W

Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: ANR Pipeline  
 RR#, St. Address, Box # : 2135 11th Rd Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Alden, KS 67512 Application Number: 15-097-21571-00-00

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

N			
	X-NW		NE
W			E
S			

4 DEPTH OF COMPLETED WELL ..... 321 ..... ft. ELEVATION: ..... 2.455 .....  
 Depth(s) Groundwater Encountered 1 ..... ft. 2 ..... ft. 3 ..... ft.  
 WELL'S STATIC WATER LEVEL ..... ft. below land surface measured on mo/day/yr .....  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Cathodic Well

Was a chemical/bacteriological sample submitted to Department? Yes ..... No X .....; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes ..... No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped .....  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded .....  
 7 Fiberglass Threaded .....  
 Blank casing diameter ..... 1.0 ..... in. to ..... 1.92 ..... ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface ..... -3 ..... in., weight ..... sch. 80 ..... lbs./ft. Wall thickness or guage No. ....  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 10 Asbestos-Cement  
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify) .....  
 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Guazed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 11 None (open hole)  
 2 Louvered shutter 4 Key punched 9 Drilled holes 10 Other (specify) ..... ft.

SCREEN-PERFORATED INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other .....  
 Grout Intervals: From ..... 0 ..... ft. to ..... 1.92 ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)  
 13 Insecticide storage Water Well Domestic  
 Direction from well? North How many feet? 2500

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	12	Sandy Topsoil			
12	58	Fine Sand & Tan Clay Mix			
58	60	Fine Sand & Tan Clay Mix w/ pieces of Caliche			RECEIVED
60	79	Fine Sand w/ pcs Tan Clay			KANSAS CORPORATION COMMISSION
79	83	Fine to Coarse Sand			SEP 13 2004
83	99	Fine Sand			
99	104	<del>Fine to Medium Sand</del>			
104	123	Fine to Coarse Sand			CONSERVATION DIVISION
123	125	Fine to Coarse Sand mixed w/ Tan Clay			WICHITA, KS
125	162	Fine-Coarse Sand			
162	167	Fine-Coarse Sand & Gravel			
167	191	Grey Shale			
191	321	Grey Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) ..... 6-26-04 ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No ..... 134 ..... KDHE ..... This Water Well Record was completed on (mo/day/yr) ..... 08-20-04 ..... under the business name of ANR Pipeline Company by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

QF 4.10.10 DEEP ANODE DRILLING LOG

REV 0



Company ANR Pipeline Company  
County Kiowa State KS

Sec 15 Township 28  
Job Number 04-058

N Range 19 E  
S W  
Voltage Used 13.80

Depth	Amps	Geological Log	Depth	Amps	Geological Log	No.	Depth	No	Coke	With	Coke
5		0-12 Sandy Topsoil	205			1		1.5		3.2	
10		12-58 Fine Sand & Tan Clay mix	210	1.5		2		1.6		3.1	
15			215			3		1.6		3.0	
20			220	1.6		4		1.6		3.1	
25			225			5		1.6		3.1	
30			230	1.6		6		1.7		2.9	
35			235			7		1.5		3.1	
40			240	1.6		8		1.6		3.0	
45			245			9		1.7		3.1	
50			250	1.6		10		1.7		3.0	
55		58-60 Fine Sand & Tan Clay mix w/	255			11					
60		pieces of Caliche	260	1.7		12					
65		60-79 Fine Sand w/ pcs. Tan Clay	265			13					
70			270	1.5		14					
75		79-83 Fine to Coarse Sand	275			15					
80		83-99 Fine Sand	280	1.4		16					
85			285			17					
90			290	1.6		18					
95		99-104 Fine to Medium Sand	295			19					
100			300	1.4		20					
105		104-123 Fine to Coarse Sand	305			21					
110			310	1.7		22					
115			315			23					
120		123-125 Fine to Coarse Sand mixed	320	1.3		24					
125		w/ Tan Clay	325			25					
130		125-136 Fine-Coarse Sand & gravel	330	1.7	Total Depth 331'	26					
135		136-146 Fine-Coarse Sand & gravel	335			27					
140			340			28					
145		146-156 Fine-Coarse Sand & gravel	345			29					
150			350			30					
155		156-162 Fine-Coarse Sand & gravel	355								Volts
160		162-167 Fine-Coarse Sand w/ traces	360								Amps
165		of Brown clay & light grey shale	365								Ohms
170		167-191 Grey Shale	370								
175			375								
180			380								
185			385								
190		191-321 Grey Shale	390								
195			395								
200	1.4		400								

RECEIVED  
KANSAS CORPORATION COMMISSION  
SEP 13 2004  
CONSERVATION DIVISION  
WICHITA, KS

Rectifier Information	
Model	
Serial	
DCV	DCA
C	F
ACV	ACA
Shunt	

Interior Plug				Vent		Length	
Hole Dia.	10"	Total Depth	331'	Remarks			
No. Anodes	10	Size and Type	Lida 2.5/100				
Lbs. Coke	4,000#	Coke Type	Loresco SC-3				
Ft. Casing	200'	Casing Diameter	10"	Signature	Johnnie Barnett	Date	06/26/04