Site #29 (1)

WATER WELL RECORD Form WWC-5 KSA 82a-1212

LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: Reno	NE ¼ NE ¼ NE ¼	36	T 24 S	R 10 W

Distance and direction from nearest town or city? 2 mi S. and 2½ W of Sylvia

Street address of well if located within city? NA

WATER WELL OWNER:
RR#, St. Address, Box # : KGS/ GWMD #5
City, State, ZIP Code :

Board of Agriculture, Division of Water Resourc
Application Number: NA

DEPTH OF COMPLETED WELL 181 ft. Bore Hole Diameter 9 7/8 in. to ft., and in. to

Well Water to be used as: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below) Research

Well's static water level 109.5 ft. below land surface measured on Jan month 28 day 1983 yea

Pump Test Data NA : Well water was ft. after hours pumping gpr

Est. Yield gpm: Well water was ft. after hours pumping gpr

TYPE OF BLANK CASING USED: 1 Steel (2) PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

Casing Joints: (Glued) Clamped Welded Threaded

Blank casing dia 5.0 in. to 176 ft., Dia in. to ft., Dia in. to

Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No Schd #40

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile (7) PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

Screen or Perforation Openings Are: 1 Continuous slot (3) Mill slot 2 Louvered shutter 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

Screen-Perforation Dia 5.0 in. to ft., Dia in. to ft., Dia in. to f

Screen-Perforated Intervals: From 176 ft. to 181 ft., From ft. to f
From ft. to ft., From ft. to f

Gravel Pack Intervals: From 172 ft. to 181 ft., From ft. to ft
From ft. to ft., From ft. to ft

GROUT MATERIAL: (1) Neat cement 2 Cement grout 3 Bentonite 4 Other

Grouted Intervals: From 72 ft. to 172 ft., From 0 ft. to 10 ft., From ft. to ft

What is the nearest source of possible contamination: NONE KNOWN
1 Septic tank 2 Sewer lines 3 Lateral lines 4 Cess pool 5 Seepage pit 6 Pit privy 7 Sewage lagoon 8 Feed yard 9 Livestock pens 10 Fuel storage 11 Fertilizer storage 12 Insecticide storage 13 Watertight sewer lines 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well How many feet ? Water Well Disinfected? Yes No

Was a chemical/bacteriological sample submitted to Department? Yes (No) If yes, date sample was submitted month day year: Pump Installed? Yes (No)

If Yes: Pump Manufacturer's name Model No. HP Volts

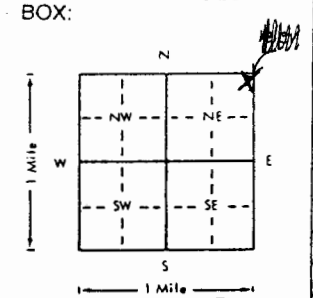
Depth of Pump Intake ft. Pumps Capacity rated at gal./min.

Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed, or (3) plugged under my jurisdiction and was completed on Sept month 10 day year, and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No.

This Water Well Record was completed on month day year under the business name of 1732 by (signature)

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



ELEVATION: 1739.6

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	17	clay, sandy, gray and brown 1715	166	168	white silt stone
17	85	fine to coarse sand, leases of gravel 1647	168	181	red siltstone, green gray hard inclusions.
85	90	clay, light & red, caliche zones 1642			
90	125	fine to coarse sand, some clay, caliche 90-92 1607			
125	140	clay, light red, sandy, caliche at 138 1592			
140	158	clay tan, light red, white caliche, some fine sand 1581			
1580	166	dark red silt stone			

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. 4. ft. (Use a second sheet if needed)

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, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

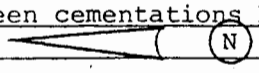
BIG BEND GMD#5-KGS
WATER QUALITY
OBSERVATION WELL
NETWORK

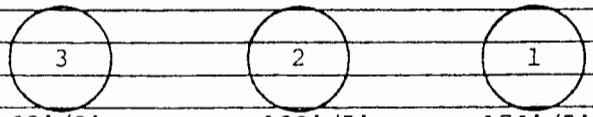
SITE NUMBER : 29
SITE LOCATION: NE NE NE

LEGAL LOCATION: 36-24-10W
COUNTY : RENO

WELL LOG

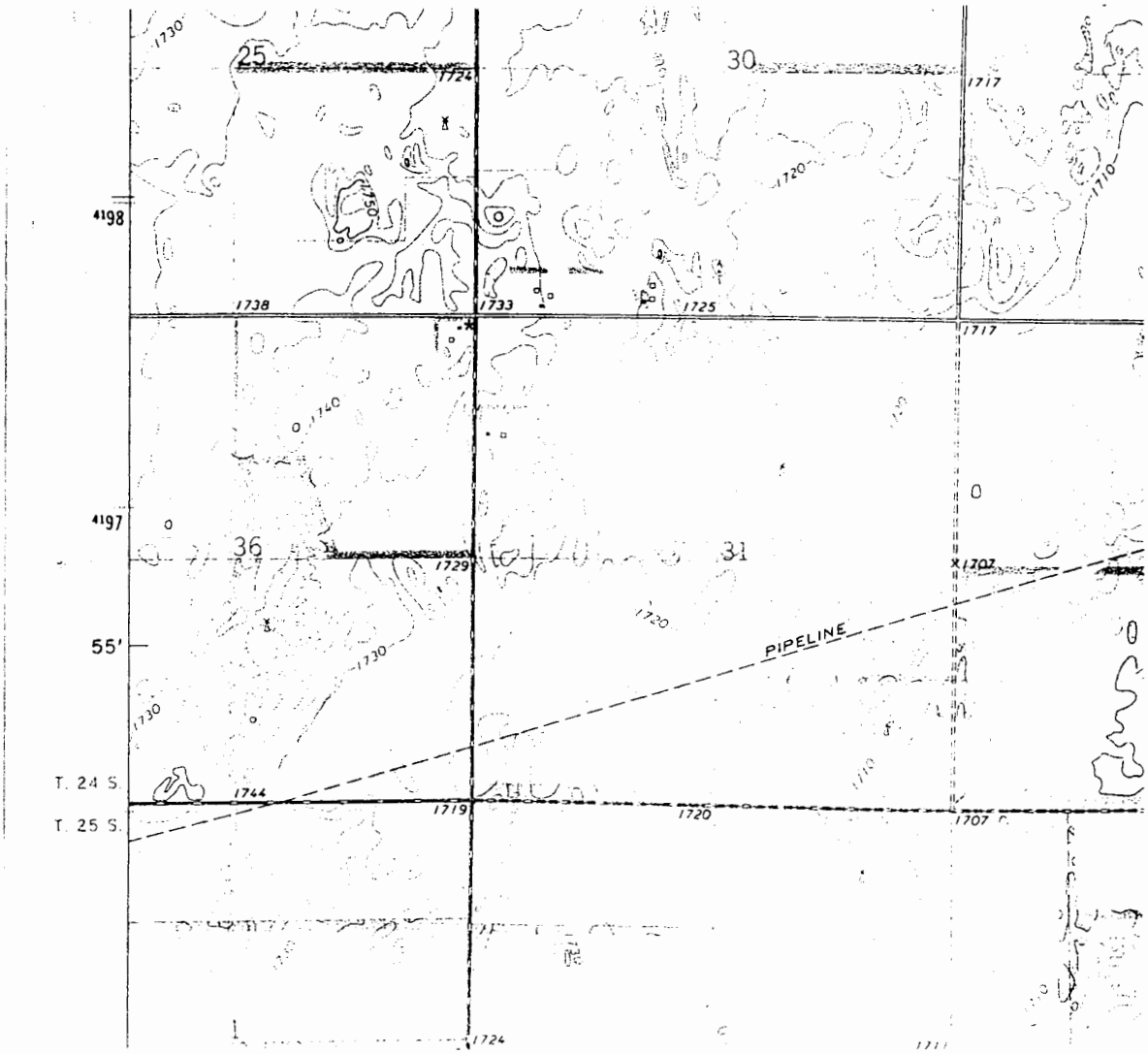
FROM	TO	LITHOLOGIC LOG OWNER: DEALY
0	1	topsoil
1	3	orange & brown clay; some fine sand
3	4	fine sand, quartz/arkosic (QA);orange clay matrix
4	6	lt. brown silty clay with some fine QA sand
6	8	fine QA sand with lt. brown clay
8	9	light gray clay, streaks of tan
9	15	tan silty clay, trace caliche, blocky
15	17	fine & medium QA sand, tan clay matrix
17	19	fine & medium QA sand
19	34	fine & medium QA sand, gets coarser with depth
34	50	fine to coarse QA sand
50	61	coarse sand to fine gravel, QA
61	65	fine & medium QA gravel
65	80	coarse sand, fine/med. QA gravel, a few caliche zones, no clay
80	85	coarse sand, fine gravel, QA
85	90	light red clay, some caliche zones, fine QA sand
90	95	fine QA sand, caliche zones
95	97	caliche
97	108	fine & medium QA sand
108	114	light red clay, some fine sand
114	125	coarse QA sand, then fine & med. sand with light red clay. clay is increasing with depth
125	140	lt. red clay, traces of gray, small amt. fine sand; caliche layer at 138'
140	~~153~~ 150	tan clay, light red clay, caliche, white clay, fine sand
150 ~~153~~	166	Redbed PERMIAN, dark red siltstone
166	168	white siltstone
168	181	Redbed; gray-green cementations between 170-181'





62'/3'	120'/5'	176'/5'
TD=65'	TD=125'	TD=181'

SITE NUMBER : 29	LANDOWNER: CHARLES E. DEALY
SITE LOCATION : NE NE NE	ADDRESS : RURAL ROUTE 1
LEGAL LOCATION: SEC36 T24S R10W	SYLVIA, KANSAS 67581
COUNTY : RENO	PHONE NO.: 316-486-3221



WELL LOCATION *