182 8819 Stock - 2

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Ness

Fraction: SW 1/4 NW 1/4 NW 1/4

Section Number: 26

Township Number: T 19 S

Range Number: R 21 E (W)

Distance and direction from nearest town or city street address of well if located within city? Approximately 4 1/2 miles south and 4 miles east of Bazine

Global Positioning Systems (decimal degrees, min. of 4 digits)

Latitude: 38.375226

Longitude: -99.620196

Elevation: Unknown

Datum: NAD83

Data Collection Method: WAAS GPS Unit

2 WATER WELL OWNER: Loree Logan

RR#, St. Address, Box # : 1708 Oak Creek Dr.

City, State, ZIP Code : Sherman, TX 75092-3048

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

N

X --NW-- --NE--

W E

--SW-- --SE--

S

4 DEPTH OF COMPLETED WELL 506 ft.

Depth(s) Groundwater Encountered (1) ____ ft. (2) ____ ft. (3) ____ ft,

WELL'S STATIC WATER LEVEL 122.60 ft. below land surface measured on mo/day/yr 09-13-07

Pump test data: Well water was Not checked ft. after ____ hours pumping ____ gpm

Est. Yield Unknown 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 Stock Well

Was a chemical/bacteriological sample submitted to Department? Yes ____ No ✓ If yes, mo/day/yrs

Sample was submitted ____ Water well disinfected? Yes ✓ No ____

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued ____ Clamped ____

1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Certa-lok ✓ Welded ____

(2) PVC 4 ABS 7 Fiberglass Threaded ____

Blank casing diameter 5 in. to 444 ft., Diameter ____ in. to ____ ft., Diameter ____ in. to ____ ft.

Casing height above land surface 24 in., weight 3.54 lbs./ft. Wall thickness or gauge No. .327

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel 3 Stainless Steel 5 Fiberglass (7) PVC 9 ABS 11 Other (Specify) ____

2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot (3) Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)

2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (Specify) ____

SCREEN-PERFORATED INTERVALS: From 444 ft. to 504 ft., From ____ ft. to ____ ft.

From ____ ft. to ____ ft., From ____ ft. to ____ ft.

GRAVEL PACK INTERVALS: From 30 ft. to 400 ft., From ____ ft. to ____ ft.

From 400 ft. to 504 ft., From ____ ft. to ____ ft.

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

Compacted Soil

Grout Intervals: From 0 ft. to 4 ft., From ____ ft. to ____ ft., From 4 ft. to 30 ft.

What is the nearest source of possible contamination:

1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage (16) Other (specify below)

2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well Old Well

3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well

Direction from well? West How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Topsoil	195	201	Clay, gray, with limestone streaks, hard
3	9	Clay, brown, silty	201	210	Shale, black, with limestone and clay
9	16	Limestone, soft, yellow			streaks, black, hard
16	33	Limestone, sandstone, yellow, soft	210	260	Clay, gray, with shale streaks, black
33	48	Clay, gray, hard, with sandstone streaks	260	277	Clay, red, gray, with sandstone streaks, thin
48	140	Shale, black, with limestone and sandstone	277	286	Clay, gray, with sandstone streaks, thin
		streaks, hard	286	287	Ironstone, hard
140	148	Sandstone, black, hard	287	300	Sandstone, gray, with clay streaks, firm
148	185	Shale, black, with limestone and sandstones streaks	300	314	Clay, gray, firm
185	195	Clay, black, dark, brown, with shale and	314	340	Clay, gray, red, yellow, firm
		limestone streaks			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) (constructed) (2) reconstructed (3) plugged under my jurisdiction and was completed on (mo/day/year) 09-13-07 and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. 771 This Water Well Record was completed on (mo/day/year) 09-18-07

Under the business name of Clarke Well & Equipment, Inc. 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.

183 8819 Stock - 2 (Continued)

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

N

W | X --NW-- | --NE-- | E

--SW-- | --SE--

S

4 DEPTH OF COMPLETED WELL ..... ft.

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 .....

Was a chemical/bacteriological sample submitted to Department? Yes ..... No ..... If yes, mo/day/yrs

Sample was submitted ..... Water well disinfected? Yes ..... No .....

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped .....
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Certa-lok ✓ Welded .....
2 PVC 4 ABS 7 Fiberglass ..... Threaded .....

Blank casing diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.

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

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

SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (Specify) .....

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

GRAVEL PACK INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat Cement 2 Cement grout 3 Bentonite 4 Other .....

Grout Intervals: From ..... ft. to ..... 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 13 Insecticide Storage 16 Other (specify below)
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well .....

Direction from well? ..... How many feet? .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
340	412	Clay, gray, dark gray, with shale streaks,			
		black, firm			
412	425	Sandstone, with clay streaks, gray			
425	428	Clay, gray			
428	455	Sandstone, with clay, gray 50/50 mix			
455	460	Clay, gray			
460	465	Sandstone, with clay streaks, thin, gray			
465	510	Sandstone, brown, white, soft			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed (3) plugged under my jurisdiction and was completed on (mo/day/year) 09-13-07 and this record is true to the best of my knowledge and belief.

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