

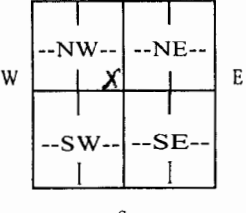
WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Seward	Fraction Se $\frac{1}{4}$ Se $\frac{1}{4}$ NW $\frac{1}{4}$	Section Number 4	Township Number T 35 S	Range Number R 33 E <u>W</u>
Distance and direction from nearest town or city street address of well if located within city? 25 ft. east of 401 Virginia Ave. Liberal, KS		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: _____ Longitude: _____		

2 WATER WELL OWNER: Madden Oil Co. RR#, St. Address, Box # 211 S. Kansas Ave. City, State, ZIP Code Liberal, KS 67901	Elevation: _____ Datum: _____ Data Collection Method: _____
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N  S	4 DEPTH OF COMPLETED WELL 189 ft. Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL 168 ft. below land surface measured on mo/day/yr 1/29/08 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) <u>10 Monitoring well</u> Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> If yes, mo/day/yr Sample was submitted _____ Water well disinfected? Yes _____ No <u>X</u>
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5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) <u>2 PVC</u> 4 ABS 7 Fiberglass	5 Wrought Iron 8 Concrete tile Blank casing diameter 4 in. to 159 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft. Casing height above land surface 0 in., Weight <u>SCH 40</u> lbs./ft. Wall thickness or gauge No. _____	CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded <u>Yes</u>
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7 PVC</u> 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 <u>3 Mill slot</u> 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 189 ft. to 159 ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 189 ft. to 145 ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.		

6 GROUT MATERIAL: Grout Intervals: From 145 ft. to 1 ft., From 1 ft. to 0 ft., From _____ ft. to _____ ft.	1 Neat cement 2 Cement grout <u>3 Bentonite</u> <u>4 Other Cement</u>	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 <u>1 Fuel storage</u> 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well
Direction from well? IMMEDIATE VICINITY How many feet? IMMEDIATE VICINITY		

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Top Soil	140'	175'	Clay, sandy, high plasticity, light brown.
1'	12'	Clay, silty, brown, medium plasticity	175'	196'	Sand, clayey, very fine to medium
12'	30'	Clay, silty, light brown, medium plasticity, caliche nodules.			
30'	44'	Sand, very fine to fine, well sorted, clayey. Caliche Layers			
44'	50'	Clay, sandy, medium plasticity, light brown.			
50'	60'	Sand, very fine to fine, well sorted.			
60'	92'	Clay, silty, light brown, high plasticity. Piece of angular black shale.			MW - 8
92'	95'	Clay, sandy, medium plasticity, light brown.			
95'	105'	Clay, silty, high plasticity, light brown.			
105'	140'	Clay, sandy, medium plasticity, fine to course. Caliche Layers			

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) 1/30/08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 665 This Water Well Record was completed on (mo/day/year) 2/27/08 under the business name of Pratt Well Service, Inc. by (signature) *Steven Gill*

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, 1 000 SW Jackson St., Suite 420, Topeka, Kansas 66612- 1 367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdhe.state.ks.us/gco/waterwells>.