

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

I LOCATION OF WATER WELL: County: Seward Fraction NE 1/4 NE 1/4 SW 1/4 Section Number 4 Township Number T 35 S Range Number R 33 E 10

Distance and direction from nearest town or city street address of well if located within city? 48 ft south of 512 E. Pancake Blvd, Liberal, KS Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: Longitude: Elevation: Datum: Data Collection Method:

2 WATER WELL OWNER: Madden Oil Co. RR#, St. Address, Box # 211 S. Kansas Ave City, State, ZIP Code Liberal, KS 67901

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram] 4 DEPTH OF COMPLETED WELL 196 ft. Depth(s) Groundwater Encountered (1) 168 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 168 ft. below land surface measured on mo/day/yr 1/31/08 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) 10 Monitoring 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 X

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) 2 PVC 4 ABS 7 Fiberglass CASING JOINTS: Glued Clamped Welded Threaded Yes Blank casing diameter 4 in. to 160 ft., Diameter SCH 40 in. to ft., Diameter in. to ft. Casing height above land surface 4 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 190 ft. to 160 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 190 ft. to 145 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 Cement Grout Intervals: From 145 ft. to 1 ft., From 1 ft. to 0 ft., From ft. to 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 12 Fertilizer Storage 15 Oil well/gas 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

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Rows include: 0-1' Concrete, 1'-30' Clay, silty, high plasticity, brown. Caliche Nodules, 30'-55' Clay, sandy, light brown, medium plasticity, 55'-80' Clay, silty, light brown, high plasticity, 80'-90' Clay, sandy, light brown, medium plasticity, Occasional pebble 1/4' rounded. Caliche layers, 90'-105' Clay, sandy, light brown, high plasticity, MW-11, 105'-135' Clay, sandy, light brown, medium plasticity, 135'-170' Clay, sandy, light brown, high plasticity, 170'-196' Sand, clayey, very fine to medium. 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) 1/31/08 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)

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/geo/waterwells.