

1 LOCATION OF WATER WELL:
 County: Seward Fraction NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ E W
 Section Number 32 Township Number T 34 S Range Number R 33 E W
 Distance and direction from nearest town or city street address of well if located within city?
 343 E. Pancake, Liberal, KS

2 WATER WELL OWNER: Madden Oil Co.
 RR#, St. Address, Box # 211 S. Kansas Ave.
 City, State, ZIP Code Liberal, KS 67901
Global Positioning Systems (decimal degrees, min. of 4 digits)
 Latitude: _____
 Longitude: _____
 Elevation: _____
 Datum: _____
 Data Collection Method: _____

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

W	--NW--	--NE--	E
		X	
	--SW--	--SE--	
	S		

4 DEPTH OF COMPLETED WELL 190 ft.
 Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft.
 WELL'S STATIC WATER LEVEL 170.87 ft. below land surface measured on mo/day/yr 3-13-07
 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
 Sample was submitted _____ Water well disinfected? Yes _____ No X

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) Welded _____
 2 PVC 4 ABS 7 Fiberglass _____ Threaded X
 Blank casing diameter 4 in. to 162 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.
 Casing height above land surface 0 in., Weight _____ lbs./ft. Wall thickness or gauge No. SCH40

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 162 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: From 190 ft. to 148 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 148 ft. to 0.5 ft., From 0.5 ft. to 0 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? 999 How many feet? 999

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4"	Concrete	190	148	10/20 Sand
4"	3	Sand, brown, moderate plasticity, moist	148	0.5	3/8 Bentonite chips
3	26	Sand, brown, medium, dry	0.5	0	Concrete
26	35	Clay, light brown, sandy			
35	45	Sand, medium, clean			
45	51	Clay, very sandy, caliche			MW-1R
51	95	Clay, brown, caliche, dry, high plasticity			
95	115	Sand, fine			
115	197	Clay, sandy, brown, no odor, caliche			

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) 3-13-07 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) 4-11-07
 under the business name of Pratt Well Environmental by (signature) *Steven E. Gull*