

1 LOCATION OF WATER WELL: County: Seward	Fraction NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$	Section Number 32	Township Number T 34 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? 343 E. Pancake, 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:	4 DEPTH OF COMPLETED WELL 191 ft.				
<table border="1" style="width: 100%; height: 100px;"> <tr><td style="text-align: center;">N</td></tr> <tr><td style="text-align: center;">W</td></tr> <tr><td style="text-align: center;">E</td></tr> <tr><td style="text-align: center;">S</td></tr> </table>	N	W	E	S	Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL 170.55 ft. below land surface measured on mo/day/yr 3-27-07 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) <u>10</u> Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> Sample was submitted _____ Water well disinfected? Yes _____ No <u>X</u> If yes, mo/day/yr _____
N					
W					
E					
S					

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) _____
<u>2</u> PVC	4 ABS	7 Fiberglass	Welded _____
Blank casing diameter 4 in. to 161 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.			Threaded <u>X</u>
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	<u>7</u> PVC
2 Brass	4 Galvanized Steel	6 Concrete tile	8 RM (SR)
			9 ABS
			10 Asbestos-Cement
			11 Other (Specify) _____
			12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:			
1 Continuous slot	<u>3</u> Mill slot	5 Guazed wrapped	7 Torch cut
2 Louvered shutter	4 Key punched	6 Wire wrapped	8 Saw Cut
			9 Drilled holes
			11 None (open hole)
			10 Other (specify) _____
SCREEN-PERFORATED INTERVALS: From 191 ft. to 161 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.			
GRAVEL PACK INTERVALS: From 191 ft. to 148 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.			

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	<u>3</u> Bentonite	<u>4</u> 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
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
16 Other (specify below)				
Direction from well? 999 How many feet? 999				

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Concrete	191	148	10/20 Sand
1	25	Clay, sandy, brown, medium plasticity, no odor	148	0.5	3/8 Bentonite chips
25	50	Sand, medium, brown	0.5	0	Concrete
50	100	Clay, light brown, high plasticity, caliche layers, no odor			
100	110	Sand, very fine to fine, brown			
110	130	Clay, sandy, light brown, odor			MW-7R
130	155	Clay, light brown, odor			
155	175	Clay, light brown, odor			
175	180	Clay, light brown, caliche layers			
180	200	Sand, fine to medium, brown			

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) 3-27-07 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) 4-1-07 under the business name of Pratt Well Environmental by (signature) *John E. Pratt*