

**WATER WELL RECORD**

Form WWC-5

Division of Water Resources; App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: Seward	Fraction SW $\frac{1}{4}$ Se $\frac{1}{4}$ NW $\frac{1}{4}$	Section Number 4	Township Number T 35 S	Range Number R 33 E/W
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Distance and direction from nearest town or city street address of well if located within city?  
33 feet north of 343 E. Pancake Blvd, Liberal, KS

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

<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>	<b>4 DEPTH OF COMPLETED WELL</b> 184 ft.
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--NW--		--NE--	
W	X		E
--SW--		--SE--	
	S		

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 2/6/08

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  If yes, mo/day/yr \_\_\_\_\_  
Sample was submitted \_\_\_\_\_ Water well disinfected? Yes \_\_\_\_\_ No

**5 TYPE OF CASING USED:**

1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	CASING JOINTS: Glued _____ Clamped _____
<u>2 PVC</u>	4 ABS	7 Fiberglass		Welded _____
				Threaded <input checked="" type="checkbox"/>

Blank casing diameter 4 \_\_\_\_\_ in. to 154 \_\_\_\_\_ ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
Casing height above land surface 0 \_\_\_\_\_ in., Weight SCH 40 \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. \_\_\_\_\_

**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>2 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 184 \_\_\_\_\_ ft. to 154 \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**GRAVEL PACK INTERVALS:** From 184 \_\_\_\_\_ 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.

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>11 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			
1'	30'	Clay, silty, brown, medium plasticity. Caliche Layers			
30'	55'	Clay, sandy, light brown, medium plasticity. Caliche Layers			
55'	80'	Clay, silty, light brown, high plasticity.			
80'	95'	Clay, sandy, light brown, low plasticity. Caliche Layers			
95'	170'	Clay, sandy, medium plasticity, light brown Caliche Layers			
170'	190'	Sand, clayey, very fine to medium.			
190'	196'	Sand, fine to medium			MW-9

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 2/7/08 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) *[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>.