

1 LOCATION OF WATER WELL:		WATER WELL RECORD		Form WWC-5		KSA 82a-1212																																																							
County: <b>Haskell</b>		Fraction <b>NW 1/4 NE 1/4 SW 1/4</b>		Section Number <b>34</b>		Township Number <b>T 29 S</b>																																																							
						Range Number <b>R 34</b> <span style="float:right">EW</span>																																																							
Distance and direction from nearest town or city street address of well if located within city? <b>Approx. 2 3/4 north, 1 1/2 west, 1/2 north and 1/8 west of Satanta, KS</b>																																																													
2 WATER WELL OWNER: <b>Mesa Petroleum</b>																																																													
RR#, St. Address, Box #: <b>One Mesa Square, Box 1009</b>				Board of Agriculture, Division of Water Resources																																																									
City, State, ZIP Code: <b>Amarillo, TX 79189</b>				Application Number:																																																									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <b>336'</b> ft. ELEVATION:																																																											
		Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.																																																											
		WELL'S STATIC WATER LEVEL .... <b>275'</b> ft. below land surface measured on mo/day/yr																																																											
		Pump test data: Well water was .... ft. after .... hours pumping .... gpm																																																											
		Est. Yield .... gpm: Well water was .... ft. after .... hours pumping .... gpm																																																											
		Bore Hole Diameter. <b>7 7/8</b> in. to <b>336'</b> ft., and .... in. to .... ft.																																																											
WELL WATER TO BE USED AS:																																																													
<div style="display: flex; justify-content: space-between;"> <div> 5 Public water supply 1 Domestic 2 Irrigation </div> <div> 3 Feedlot 4 Industrial </div> <div> 6 Oil field water supply 7 Lawn and garden only </div> <div> 8 Air conditioning 9 Dewatering 10 Observation well </div> <div> 11 Injection well 12 Other (Specify below) <b>Monitoring Well</b> </div> </div>																																																													
Was a chemical/bacteriological sample submitted to Department? Yes.....No..... <b>X</b> .....; If yes, mo/day/yr sample was submitted																																																													
Water Well Disinfected? Yes <b>X</b> No																																																													
5 TYPE OF BLANK CASING USED:																																																													
<div style="display: flex; justify-content: space-between;"> <div> 1 Steel 2 PVC Blank casing diameter .... <b>4</b> in. to .... <b>336'</b> ft., Dia .... in. to .... ft., Dia .... in. to .... ft. Casing height above land surface .... <b>12</b> in., weight .... <b>2.08</b> lbs./ft. Wall thickness or gauge No. .... <b>.237"</b> </div> <div> 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass </div> <div> 8 Concrete tile 9 Other (specify below) </div> <div> CASING JOINTS: Glued .... <b>X</b> . Clamped .... Welded .... Threaded .... </div> </div>																																																													
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																													
<div style="display: flex; justify-content: space-between;"> <div> 1 Steel 2 Brass SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter </div> <div> 3 Stainless steel 4 Galvanized steel 3 Mill slot 4 Key punched </div> <div> 5 Fiberglass 6 Concrete tile 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut </div> <div> 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole) </div> <div> 8 Saw cut 9 Drilled holes 10 Other (specify) </div> <div> 11 None (open hole) </div> </div>																																																													
SCREEN-PERFORATED INTERVALS: From .. <b>276=336'</b> .... ft. to .... ft., From .... ft. to .... ft.																																																													
GRAVEL PACK INTERVALS: From .. <b>10-336'</b> .... ft. to .... ft., From .... ft. to .... ft.																																																													
6 GROUT MATERIAL: 1 Neat cement 2 <u>Cement grout</u> 3 Bentonite 4 Other																																																													
Grout Intervals: From ... <b>0</b> .... ft. to .... <b>10</b> .... ft., From .... ft. to .... ft., From .... ft. to .... ft.																																																													
What is the nearest source of possible contamination:																																																													
<div style="display: flex; justify-content: space-between;"> <div> 1 Septic tank 2 Sewer lines 3 Watertight sewer lines </div> <div> 4 Lateral lines 5 Cess pool 6 Seepage pit </div> <div> 7 Pit privy 8 Sewage lagoon 9 Feedyard </div> <div> 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage </div> <div> 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) <b>NONE OBSERVED</b> </div> </div>																																																													
Direction from well? How many feet?																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>FROM</td> <td>TO</td> <td>LITHOLOGIC LOG</td> <td>FROM</td> <td>TO</td> <td>LITHOLOGIC LOG</td> </tr> <tr> <td>0</td> <td>2</td> <td>Top Soil</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>51</td> <td>Brown sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>51</td> <td>72</td> <td>Sand, small, coarse, medium, large gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>72</td> <td>87</td> <td>Brown sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>87</td> <td>334</td> <td>Sand, small, medium, small, medium to large gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>few clay streaks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>334</td> <td>356</td> <td>Blue and gray clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>356</td> <td>385</td> <td>Clay, brown and sand stks.</td> <td></td> <td></td> <td></td> </tr> </table>								FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	2	Top Soil				2	51	Brown sandy clay				51	72	Sand, small, coarse, medium, large gravel				72	87	Brown sandy clay				87	334	Sand, small, medium, small, medium to large gravel						few clay streaks				334	356	Blue and gray clay				356	385	Clay, brown and sand stks.			
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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) .... <b>3-5-87</b> .... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. .... <b>145</b> .... This Water Well Record was completed on (mo/day/yr) .... <b>6-12-87</b> .... under the business name of <b>Henkle Drilling &amp; Supply Co., Inc.</b> by (signature) <i>Don J. Henkle</i>																																																													
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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.																																																													