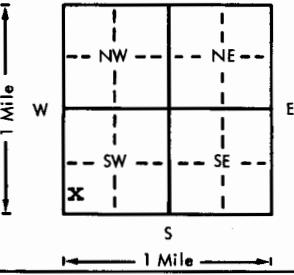


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY,
PRINT CLEARLY.

WATER WELL RECORD
KSA 82a-1201-1215

Kansas Department of Health and
Environment-Division of Environment
(Water well Contractors)
Topeka, Kansas 66620

1. Location of well:	County Gray	Fraction SW^{1/4} SW^{1/4} SW^{1/4}	Section number 33	Township number T 24 S R 29 E/W	Range number
2. Distance and direction from nearest town or city:	5N, 3W, 1N & 1W Of Ingalls, Kansas		3. Owner of well: David D. Marmie		
Street address of well location if in city:			R.R. or street: 4210 Falcon		
4. Locate with "X" in section below:	Sketch map: 		SW corner of the SW ^{1/4} , Sec. 33, T24S, R29W, Gray County, Kansas.		
5. Type and color of material		From	To	6. Bore hole dia. 28 in. Completion date 4-29-77 Well depth 268 ft.	
Top soil		0	6	7. <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input checked="" type="checkbox"/> Reverse rotary	
Tan clay		6	26	8. Use: <input type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other	
Fine to coarse sand fine gravel tight		26	56	9. Casing: Material stl Height: Above or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface 12 in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight 37 lbs./ft. Dia. 16 in. to 118 ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. 219	
Tan clay		56	66	10. Screen: Manufacturer's name Foster, Cook, Doerr Type millslot, wwd;louver 16" Slot/gauze 1/8" Length 150 Set between 118 ft. and 268 ft. ft. and 268 ft. Gravel pack? yes Size range of material 3.8mm	
Fine to coarse sand clay streaks firm		66	92	11. Static water level: 124 ft. below land surface Date 1-20-77	
Tan clay		92	104	12. Pumping level below land surfaces: 202 ft. after 1 hrs. pumping 1194 g.p.m. 230 ft. after 1 hrs. pumping 1319 g.p.m. Estimated maximum yield 1300 g.p.m.	
Fine to coarse sand firm		104	114	13. Water sample submitted: no mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date 1-20-77	
Tan clay		114	118	14. Well head completion: <input type="checkbox"/> Pitless adapter <input checked="" type="checkbox"/> Inches above grade	
Fine to medium sand		118	150	15. Well grouted? yes With: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From 0 ft. to 10 ft.	
Tan clay, sand streaks		150	168	16. Nearest source of possible contamination: unk ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type <input type="checkbox"/> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Fine to coarse sand, fine gravel dirty		168	178	17. Pump: Not installed Manufacturer's name Layne & Bowler Model number 12 KH HP 88 Volts 1100 Length of drop pipe 260 ft. capacity 1100 g.p.m. Type: <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other	
Tan clay		178	200	18. Elevation: 19. Remarks: Black shale	
Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input checked="" type="checkbox"/> Upland <input type="checkbox"/> Valley					
20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Layne-Western Co., Inc. 102 Business name Layne-Western Co., Inc. License No. 102 Address Garden City, Kansas Signed John L. Layne Date May 7, 1977 Authorized representative John L. Layne					