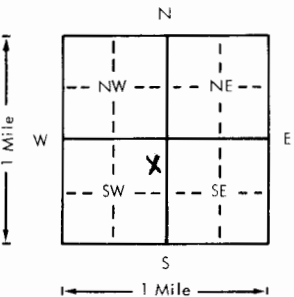


USE TYPEWRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

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 <b>Gray</b>	Fraction <b>NE 1/4 NE 1/4 SW 1/4</b>	Section number <b>18</b>	Township number <b>T 25 S R 28</b>	Range number <b>28</b>	<b>EW</b>	
2. Distance and direction from nearest town or city: <b>Approximately 5 1/4 miles NW of Cimarron, Kansas.</b> Street address of well location if in city:			3. Owner of well: <b>John O'Neal</b> R.R. or street: City, state, zip code: <b>Cimarron, Kansas 67835</b>				
4. Locate with "X" in section below: 			Sketch map:			6. Bore hole dia. <u>26</u> in. Completion date _____ Well depth <u>286</u> ft. <u>9/5/78</u>	
5. Type and color of material			From		To		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
							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
See Attachment							9. Casing: Material <u>Steel</u> Height <u>Above</u> or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface <u>12</u> in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight <u>31.75</u> lbs./ft. Dia. <u>16</u> in. to <u>286</u> ft. depth Wall Thickness: inches or Dia. _____ in. to _____ ft. depth gage No. <u>188</u>
							10. Screen: Manufacturer's name <u>Johnson Screen</u> Type <u>Continuous</u> Dia. <u>16</u> " Slot/gauze <u>.100</u> Length <u>40</u> ' Set between <u>130'-140'</u> and <u>174'-184'</u> <u>192'-202'</u> ft. and <u>264'-274'</u> ft. Gravel pack? <u>Yes</u> Size range of material <u>3" down</u> -CMA
							11. Static water level: _____ mo./day/yr. <u>176</u> ft. below land surface Date <u>9/9/78</u>
							12. Pumping level below land surfaces: <u>270</u> ft. after _____ hrs. pumping <u>12.40</u> g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m. Estimated maximum yield <u>1,200</u> g.p.m.
							13. Water sample submitted: _____ mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date _____
							14. Well head completion: <input type="checkbox"/> Pitless adapter <u>12</u> Inches above grade
							15. Well grouted? <u>Yes</u> With: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From <u>0</u> ft. to <u>10</u> ft.
							16. Nearest source of possible contamination: <u>None</u> ft. _____ Direction _____ Type <u>Observed</u> Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
							17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name _____ Model number _____ HP _____ Volts _____ Length of drop pipe _____ ft. capacity _____ g.p.m. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other
							(Use a second sheet if needed)
18. Elevation: <u>x Flat</u> Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley		19. Remarks:		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. <b>Henkle Drilling &amp; Sply 145</b> Business name _____ License No. _____ Address <u>Box 639, Garden City, Ks</u> Signed <u>Bruce Reichmuth</u> Date <u>9/11/78</u> Authorized representative			

Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

DRILLERS TEST LOG

CUSTOMERS NAME John O'Neal DATE 5-24-78  
 STREET ADDRESS \_\_\_\_\_ TEST # 3 E. LOG  
 CITY & STATE Cimarron, KS DRILLER Rector  
 COUNTY Gray QUARTER SW SECTION 118 TOWNSHIP 25 RANGE 28

LOCATION 24 24 ft. E of test #2

*Well Location*

%	Drilled from	Pay	Footage to	Description of Strata	Static Water Level	Proposed Well Depth
	0		2	Top soil		
	2		18	Clay & caliche		
	18		55	Caliche, sand rock & cemented sand		
	55		86	Sand & gravel		
	86		100	Clay & caliche		
	100		110	Sand fine med. coarse & small gravel, loose, used water		
	110		116	Brown sandy clay		
	116		137	Sand fine med. coarse, med. small gravel & very fine sandy clay sts. loose, used water		
	137		160	Brown clay, Gyp rock		
35	160	13	173	Brown sandy clay, med. coarse sand		
55	173	11	184	Sand fine med. coarse, small gravel & few med. white rock, loose, used water		
	184		190	Sand & sandy clay		
55	190	12	202	Sand fine med. coarse, med. small gravel & tiny white rock		
	202		232	Brown clay - sticky		
65	232	28	250	Sand fine med. coarse, small brown gravel & small white rock loose, used water.		
70	250	18	276	Sand med. coarse small gravel, brown & tan rock, drilled fairly loose, used lots of water		
65	276	8	284	Broken white rock, sand med. coarse, some med. gravel & little clay mixed, drilled firm, used water.		
	284		286	soap stone - hard		
	286		300	Shale - hard		
		98				
				Total depth of well 286 ft.		
				Set up facing north		
				Pit on east		

GARDEN CITY, KANSAS  
 PHONE 276-3278  
 test holes  
 stock wells

HENKLE DRILLING & SUPPLY CO., INC.  
 IRRIGATION HEADQUARTERS

SUBLETTE, KANSAS  
 PHONE 675-4311  
 Irrigation  
 Industrial