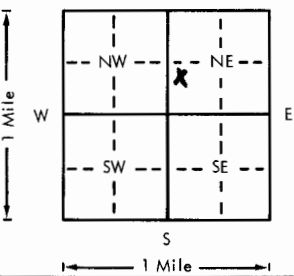


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY,
PRINT CLEARLY.

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 Haskell	Fraction NW 1/4 SW 1/4 NE 1/4	Section number 27	Township number T 28 S	Range number R 33 E
2. Distance and direction from nearest town or city: Approximately 7 mi North & 4 West of Sublette, Ks. Street address of well location if in city:				3. Owner of well: Helmerich and Payne Inc. R.R. or street: City, state, zip code: Garden City, Kansas 67846		
4. Locate with "X" in section below:		Sketch map:		6. Bore hole dia. 10 5/8 in. Completion date 6/29/78 Well depth 545 ft.		
				7. Cable tool <input checked="" 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 type="checkbox"/> Reverse rotary		
5. Type and color of material		From	To	8. Use: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input 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 Plastic Height: Above or below Grouted Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Surface <input type="checkbox"/> 12 in. RMP <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Weight 4 lbs./ft. Dia. 6 5/8 in. to 545 ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. .316		
				10. Screen: Manufacturer's name Jet Stream Type P.V.C. Dia. 6 5/8 " Slot/gauze .040 Length 70' Set between 515 ft. and 545 ft. 435'-415' ft. and 395'-375' ft. Gravel pack? Yes Size range of material 8-12 Fountai		
				11. Static water level: <input type="checkbox"/> mo./day/yr. 300 ft. below land surface Date 6/29/78		
				12. Pumping level below land surfaces: Not Pumped ____ ft. after ____ hrs. pumping ____ g.p.m. ____ ft. after ____ hrs. pumping ____ g.p.m. Estimated maximum yield 50 ____ g.p.m.		
				13. Water sample submitted: ____ mo./day/yr. ____ Yes <input checked="" type="checkbox"/> No Date ____		
				14. Well head completion: <input checked="" type="checkbox"/> Pitless adapter 12 inches above grade		
				15. Well grouted? Yes With: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From 0 ft. to 300 ft.		
				16. Nearest source of possible contamination: ft. 450 Direction South Type Tail Water Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input 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: ____ Submersible _____ Turbine ____ Jet _____ Reciprocating ____ Centrifugal _____ Other		
		(Use a second sheet if needed)				
18. Elevation: x Flat Topography: ____ Hill ____ Slope ____ Upland ____ 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. Henkle Drilling & Sply 145 Business name _____ License No. _____ Address Box 639, Garden City, Ks. Signed Bruce Reichert Date 7/5/78 Authorized representative			

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

Form WWC-5

DRILLERS TEST LOG

CUSTOMERS NAME Helmerich and Payne, Inc. DATE 6/22/78
 STREET ADDRESS _____ TEST # 1 E. LOG Yes
 CITY & STATE Garden City, Kansas DRILLER Martinez
 COUNTY Haskell QUARTER NE SECTION 27 TOWNSHIP 28 RANGE 33

LOCATION 1,200 ft. North and 150 ft. East of the South West corner of the
NE 1/4. DOMESTIC WELL LOCATION

%	FOOTAGE			DESCRIPTION OF STRATA	DOMESTIC WELL LOCATION	
	From	Pay	To		Static Water Level _____	Proposed Well Depth _____
	0		2	Top Soil		
	2		15	Brown clay		
	15		56	Brown clay with a few limerock sts.		
	56		65	Sand fine to med.		
	65		100	Sand fine to med coarse with small to med size gravel.		
	100		185	Sand fine to med coarse with small to large gravel.		
	185		190	Brown clay and limerock.		
	190		230	Sand fine to med coarse with small gravel.		
	230		236	Brown clay		
	236		242	Sand fine to med coarse.		
	242		259	Brown clay with very few sand sts.		
	259		300	Sand fine to med coarse.		
70	300	51	351	Sand fine to med coarse with small to med size gravel.		
				Loose - used water.		
	351		360	Brown clay		
40	360	21	381	Sand fine to med coarse. Drilled tight - used some water. Had a few clay sts.		
	381		385	Brown clay and cemented sand. Drilled hard.		
50	385	21	406	Sand fine to med coarse, small gravel and cemented sts. Loose - used water.		
	406		415	Brown clay with a few limerock ledges.		
45	415	05	420	Sand fine to med with a few coarse. Loose - used some water.		
60	420	15	435	Sand fine to med coarse, small gravel with a few cemented sts. Loose - used water.		
	435		441	Brown clay		
60	441	09	450	Sand fine to med coarse and small gravel. Loose - used water.		
	450		480	Brown clay with a few limerock sts.		
	480		500	Brown sandy clay with a few fine sand sts.		
	500		517	Fine sand with clay sts.		
70	517	26	543	Sand fine to med coarse, small brown gravel with a few brown rock ledges. Drilled loose and also rough in places. Used water.		
	543		567	Brown clay		
30	567	03	570	Brown clay and brown rock sts. Loose - used water.		
	570		595	Yellow clay and soapstone.		
	595		600	Weather shale.		
		151				
				TOTAL DEPTH OF WELL 545 ft.		

GARDEN CITY, KS HENKLE DRILLING & SUPPLY CO., INC. SUBLETTE, KS
 Phone 276-3278 IRRIGATION HEADQUARTERS Phone 675-4311
 TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * STOCK WELLS