

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 041 HASKELL SE 1/4 NE 1/4 SE 1/4 04 T 28 S R 31 W

Distance and direction from nearest town or city street address of well if located within city?
 APPROX. 10 MILES NORTH AND 7 MILES WEST OF SUBLETTE

2 WATER WELL OWNER: WESTERN FARMS
 RR#, St. Address, Box #: RT. 1, BOX 68 Board of Agriculture, Division of Water Resources
 City, State, ZIP code: COPELAND, KS 67837- Application Number: 13,703

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 611 ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 250 ft. below land surface measured on mo/day/yr 02/22/91
 Pump test data: Well water was 292 ft. after 4 hours pumping 1510 gpm
 Estimated Yield 1500 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 30 in. to 611 ft., and in. to ft.
 WELL WATER TO BE USED AS: 02 IRRIGATION
 Was a chemical/bacteriological sample submitted to department? No ;
 If yes, mo/day/yr sample was submitted Water well disinfected? No

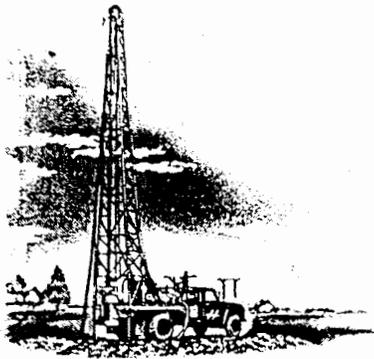
5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED
 Blank casing diameter 16 in. to 611 ft., Dia 20 in. to 466 ft., Dia in. to ft.
 Casing height above land surface 12 in., weight 42 lbs/ft. Wall thickness or gauge No. .250
 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 241 ft. to 261 ft., From 345 ft. to 385 ft.
 From 280 ft. to 300 ft., From 386 ft. to 426 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 611 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL 03 BENTONITE
 Grout Intervals: From ft. to 20 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination: 14 ABAND. WELL
 Direction from well? NORTH How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
	2	01 CLAY			
2	121	04 SANDY CLAY			
121	160	07 FINE SAND 08 MEDIUM SAND 14 MED GRAVEL			
160	168	04 SANDY CLAY 20 LIMESTONE			
168	184	07 FINE SAND 08 MEDIUM SAND 14 MED GRAVEL			
184	191	04 SANDY CLAY			
191	204	07 FINE SAND 08 MEDIUM SAND 14 MED GRAVEL			
204	207	04 SANDY CLAY 20 LIMESTONE			
207	257	08 MEDIUM SAND 14 MED GRAVEL 23 SANDSTONE			
257	264	04 SANDY CLAY 05 SAND			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 02/20/91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 04/06/91 under the business name of HENKLE DRILLING & SUPPLY by (signature) *Bruce J. Leckman*



Henkle

DRILLING & SUPPLY CO., INC.

3795 W. JONES AVE.
316/277-2389
FAX/277-0224

P.O. Box 639
GARDEN CITY, KANSAS 67846

CUSTOMER'S NAME Lawrence Withers DATE 11/14/90
 STREET ADDRESS R. R. 1, Box 68 TEST # 5 E. LOG Yes
 CITY & STATE Copeland, KS 67837 DRILLER Norman
 COUNTY Haskell QUARTER SE SECTION 4 TOWNSHIP 28 RANGE 31

LOCATION 100' South of old well. Well location

%	From	FOOTAGE		DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>223'</u>	
		Pay	To		Proposed Well Depth: <u>615'</u>	
	0		2	Top soil.		
	2		121	Brown sandy clay		
	121		160	Sand fine to medium coarse, small to large gravel.		
	160		168	Brown sandy clay and lime rock.		
	168		184	Sand fine to medium coarse, small to medium gravel.		
	184		191	Brown sandy clay.		
	191		204	Sand fine to medium coarse, small to medium gravel.		
	204		207	Brown sandy clay and cemented lime stone.		
60	207	37	257	Sand fine to medium coarse, small gravel, cemented ledge at 230-231'.		
	257		264	Brown sandy clay and small sand strips.		
	264		284	Blue clay, cemented ledge at 284'.		
55	284	16	300	Sand fine to medium coarse, small gravel with some small clay strips.		
	300		344	Blue clay.		
50	344	33	388	Sand fine to medium coarse. some small gravel. Drilled rough.		
	388		390	Brown sandy clay.		
50	390	61	451	Sand fine to decium coarse with lots of clay strips.		
	451		517	Brown sandy clay with lots of small sand streaks.		
40	517	39	556	Sand fine to small with some clay strips.		
70	556	56	612	Sand fine to medium coarse, small to medium brown rock.		
	612		618	Yellow soap stone		
	618		662	Gray shale.		
				Well depth=615' - Set up North pit on east underground line and gas line.		
				1 - 50# Bag Q-Gel		
				1 - 50# Bag Hole Plug		
				1 - Perma Plug		
				Move west with big hole from test hole, underground water line. Get with Lawrence about line.		

Bedrock @ 612