

1 LOCATION OF WATER WELL		Fraction near center west side	Section Number	Township Number	Range Number			
County: Meade		$\frac{1}{4}$ $\frac{1}{4}$ NE $\frac{1}{4}$	9	T 30 S	R 26 E/W			
Distance and direction from nearest town or city? 4 north-1 east-3/4 north-2 east Fowler, Ks.			Street address of well if located within city?					
2 WATER WELL OWNER: Zortman & Sons			Board of Agriculture, Division of Water Resources					
RR#, St. Address, Box #: RFD			Application Number: 28973					
City, State, ZIP Code: Fowler, Kansas								
3 DEPTH OF COMPLETED WELL. 344 ft. Bore Hole Diameter. 3 1/2 4 1/2 in. to 344 ft., and in. to ft.								
Well Water to be used as:								
5 Public water supply		8 Air conditioning		11 Injection well				
1 Domestic		3 Feedlot		6 Oil field water supply				
2 Irrigation		4 Industrial		9 Dewatering				
7 Lawn and garden only		10 Observation well		12 Other (Specify below)				
Well's static water level 31 ft. below land surface measured on 11-8-80 month day year								
Pump Test Data: Well water was 200 ft. after 3 hours pumping 1600 gpm								
Est. Yield 2200 gpm: Well water was ft. after hours pumping gpm								
4 TYPE OF BLANK CASING USED:								
1 Steel		3 RMP (SR)		5 Wrought iron				
2 PVC		4 ABS		6 Asbestos-Cement				
				7 Fiberglass				
				8 Concrete tile				
				9 Other (specify below)				
				Casing Joints: Glued Clamped				
				Welded <input checked="" type="checkbox"/>				
				Threaded				
Blank casing dia 16 in. to 84 ft., Dia in. to ft., Dia in. to ft.								
Casing height above land surface 12 in., weight 31.66 lbs./ft. Wall thickness or gauge No 188								
TYPE OF SCREEN OR PERFORATION MATERIAL:								
1 Steel		3 Stainless steel		5 Fiberglass				
2 Brass		4 Galvanized steel		6 Concrete tile				
				7 PVC				
				8 RMP (SR)				
				9 ABS				
				10 Asbestos-cement				
				11 Other (specify)				
				12 None used (open hole)				
Screen or Perforation Openings Are:								
1 Continuous slot		3 Mill slot		5 Gauzed wrapped				
2 Louvered shutter		4 Key punched		6 Wire wrapped				
				7 Torch cut				
				8 Saw cut				
				9 Drilled holes				
				10 Other (specify)				
				11 None (open hole)				
Screen-Perforation Dia 16 in. to 344 ft., Dia in. to ft., Dia in. to ft.								
Screen-Perforated Intervals: From 84 ft. to 344 ft., From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft.								
Gravel Pack Intervals: From 10 ft. to 344 ft., From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft.								
5 GROUT MATERIAL:								
1 Neat cement		2 Cement grout		3 Bentonite				
				4 Other				
Grouted Intervals: From 0 ft. to 10 ft., From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft., From ft. to ft.								
What is the nearest source of possible contamination:								
1 Septic tank		4 Cess pool		7 Sewage lagoon				
2 Sewer lines		5 Seepage pit		8 Feed yard				
3 Lateral lines		6 Pit privy		9 Livestock pens				
				10 Fuel storage				
				11 Fertilizer storage				
				12 Insecticide storage				
				13 Watertight sewer lines				
				14 Abandoned water well				
				15 Oil well/Gas well				
				16 Other (specify below)				
Direction from well NE How many feet 1500 ? Water Well Disinfected? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>								
Was a chemical/bacteriological sample submitted to Department? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> If yes, date sample was submitted month day year Pump Installed? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>								
If Yes: Pump Manufacturer's name Model No. HP Volts								
Depth of Pump Intake ft. Pumps Capacity rated at gal./min.								
Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other								
6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was 1 constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on 12 month 21 day 1979 year								
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 190								
This Water Well Record was completed on 2 month 16 day 1980 year under the business name of Ace-Hi International by (signature) Carl C. Nittel								
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	
ELEVATION:								
Depth(s) Groundwater Encountered 1. 31 ft. 2. ft. 3. ft. 4. ft.		(Use a second sheet if needed)						

OFFICE USE ONLY

T

3

C

R

2

6

EW

SEC.

G

W

1/4

1/4

1/4

1/4

INVOICE

ACE-HI INTERNATIONAL

P.O. Box 1442

Dodge City, Kansas 67801

Phone (316) 227-7306

JOB NO. _____

INVOICE NO. _____

DATE: _____

DRILL NO. _____

TO

Zortman #59

0-3 Surface
3-11 Silty brown clay
11-43 Lite brown clay
43-46 Half med. sand 3
46-77 Brown and blue clay
77-95 Good med. sand and gravel 18
95-110 Half med. sand and fine gravel 15
110-168 Gray and blue clay
168-177 Fine to half med. gray sand and gravel 9
177-182 Gray clay
182-194 Half med. gray sand and gravel 12
194-208 Gray clay
208-211 Half med. sand and gravel 3
211-214 Gray clay
214-240 Fine gray sand with 20% clay mixed (26)
240-258 Good half med. sand and gravel 18
258-260 Brown clay
260-263 Med. sand and gravel 3
263-300 Sandy brown and coleche clay and white rock mixed
300-322 Brown sandrock and clay mixed (22)
322-333 Fine sand 11
333-341 Brown coleche clay with 50% fine sand
341-344 Good med. brown sand and gravel 3
344-354 Yellow clay
354-375 Blue shale