WATER WELL RECORD KSA 82a-1201-1215

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

1. tocoffind realize County								
2. Distroces and direction from measure that may ackly the Set at Big Bow, Ks. go 5 miles north, 20 west often and still lection if in city. 4. Locate with "X" in section below: N 4. Locate with "X" in section below: N 5. Starch mag: N 5. Type and color of material 6. Starch mag: N 6. Starch		1 '	Fraction		Section	number	Township number	Range number
2. Distroction and direction from newerth room as city: wwest of well location if in city: 4. Locate with "X" in section below: 5. Type and color of material 6. We Josephyn — Inchestry 7. Coles to State State of Normal — Normal Parket Type of Normal — Normal Parket Type of Toxas State arong of material X X X 78 and type of Toxas State arong of material X X X 78 and type of Toxas State arong of material X X X 78 and type of Toxas State arong of material X X X 78 and type of Toxas State arong of material X X X 78 and type of Toxas State arong of material X X X 78 and type of Toxas State A Y 19 and type of Toxas	I. Location of well:		NE 1/4 NW 1/4 NW	1/4	5		т 28 s	R 39 E/W
4. Locars with "X" in section below: N 4. Locars with "X" in section below: N 5. Locars with "X" in section below: N 5. Locars with "X" in section below: N 6. Bore hale dic. 27 in. Completion step. Hellow rod, Jath X, Jathery Driven Dug Hellow rod, Jath Rord Reverse rotory N 7. Cobbs tool \$ tablery Driven Dug Hellow rod, Jather Bred Rord Rord Reverse rotory N 8. Use: Domestic Nobilic supply Industry X brigation Ab conditioning Stock Locars Wilder About Stock Locars Wilder Abo	2. Distance and dire			3. Own	er of well	l;		nd
A. Locate with "X" in section below: Sketch map: Sketch	Bow, Ks. go 5 miles north, 22 west						1	
Well daght AGOS ft. 3_1_86						code:	67855	
7. Cable tool X bottomy _Driven _Dug	•							
Note	N							
Surface Surf								
	₹ w 						X Irrigation Air conditioning Stock	
Indite								
Surface 0 2 2 2 2 2 2 2 2 2								
1. 1. 1. 1. 1. 1. 1. 1.								
Surface	1 M	Nile ————————————————————————————————————	• .				Dia. 16 in. to 265 f5 de	oth Wall Thickness: inches or
Surface	5. Type and color of	f material			From	То		
Surface Cay clay					 			
Set between 265.5.5. 1. and 609. 1.	Surface				0	2	Type steel	_ Dia. <u>16"</u>
Fine sand Sa	Grav clav				2	28	Slot/gauze 3/16	Length 343.7'
Brown clay w/fine sand Medium sand w/clay breakers Brown clay w/lime shale & fine sand Medium	024) 024)						ft.	andft.
Medium sand w/clay breakers 95 155 156 156 157 158	Fine sand				28	41		
Medium sand w/clay breakers 95 155 156 156 157 158	Brown clay w/fine sand				41	95	11. Static water level: 160 ft, below land to	mo./day/yr.
Brown clay w/lime shale & fine sand 155 196 Medium sand 196 223 Sandy clay Fine to medium sand 269 283 Sandy clay (drilles very loose) 283 314 Sandy clay (drilles very loose) 284 354 Sandy clay (drilles very loose) 285 354 Sandy clay (drilles very loose) 286 287 Sandy clay (drilles very loose) 287 354 Sandy clay (drilles very loose) 380 283 314 Sandy clay (drilles very loose) 380 314 Sandy clay (drilles very loose) 380 314 Sandy clay (drilles very loose) 381 314 Sandy clay (drilles very loose) 382 354 Sandy clay (drilles very loose) 383 314 Sandy clay (drilles very loose) 384 Sandy clay (drilles very loose) 385 Sandy clay (drilles very loose) 385 Sandy clay (drilles very loose) 385 Sandy clay (drilles very loose) 386 Sandy clay (drilles very loose) 386 Sandy clay (drilles very loose) 387 Sandy clay Sandy	Medium sand w/clay breakers				95	155	12. Pumping level below land surfaces:	
Medium sand 196 223 13. Water sample submitted: mo./day/yr.						106		
Medium sand 196 223 239 230 230 230 240 23	Brown clay w/lime shale & fine sand				155	196	Estimated maximum yield	1000 g.p.m.
Sandy clay Fine to medium sand Sandy clay (drilles very loose) Sandy clay (drilles very loose) Sandy clay (drilles very loose) 283 314 Sandy clay (drilles very loose) Sandy lise under X Bentonite Concrete Depth From O. ft. to 10 ft. With:Next grade	Medium sand				196	223	13. Water sample submitted:	mo./day/yr.
Sandy clay (drilles very loose) 283 314 Yellow chalk, sandrock & dakota medium to tight 314 360 Blue shalew/very small strips of fine white 360 490 Blue shale & fine white sandstone 490 510 Blue, gray & red shale w/hard sandstone 510 545 Blue shale & fine shite sandstone 545 609 Blue shale & fine shite sandstone 545 609 Blue shale & fine shite sandstone 545 609 18. Elevation: 19. Remicrks: Topography: — Hill X Slope Upland 15. Well grouted? X With: Near teament X Bentonite Concrete Depth: From _0 ft. to 10 ft. Well disinfected upon completion: Type NA Well disinfected upon completion? Yes No Well disinfected upon completion? Yes No 17. Pump: X Not installed Manufacturer's name HP Volts Hength of drop pipe ft. capacity g.p.m. Type: Submersible Turbine Jet Reciprocating Centrifugal Other 18. Elevation: 19. Remicrks: 19. Remicrks: 19. Remicrks: 19. Remicrks: 10. 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. Houck Bros. Drilling Co 164 Business name Box 487, Ulysses, KS Signed Center for the set of my knowledge and belief. Houck Bros. Drilling Co 164 Business name Box 487, Ulysses, KS Signed Center for the set of my knowledge and belief.	Sandy clay				223	269		Date
Sandy clay (drilles very loose) 283 314 With:Neat cement xBentoniteConcrete	Fine to medium sand				269	283		12 Inches above grade
Pellow chalk, sandrock & dakota medium to tight 314 360 Blue shalew/very small strips of fine white sandstone Blue shale & fine white sandstone Blue, gray & red shale w/hard sandstone Blue shale & fine shite sandstone State of the shite sandstone Submersible Type: Submer	Sandy clay (drilles very loose)				283	314		Bentonite Concrete
Blue shalew/very small strips of fine white sandstone Blue shale & fine white sandstone Blue, gray & red shale w/hard sandstone Blue shale & fine shite sandstone Blue shale & fine white sandstone Submersible Blue shale & fine shite sandstone Blue shale & fine white sandstone Submersible Blue shale & fine shite sandstone Blue shale & fine white sandstone Submersible Blue shale & fine shite sandstone Blue shale & fine white sandstone Submersible Blue shale & fine shite sandstone Submersible san	Sundy Clay (dillios tol) 10001)							
Sandstone Blue shale & fine white sandstone Blue, gray & red shale w/hard sandstone Blue shale & fine shite sandstone Submersible Bob Submers	Yellow chalk, sandrock & dakota medium to tight				314	360		NA I
Blue shale & fine white sandstone Blue, gray & red shale w/hard sandstone Blue shale & fine shite sandstone Submersible Turbine Reciprocating Centrifugal Other					360	490		
Blue, gray & red shale w/hard sandstone Blue shale & fine shite sandstone Submersible Turbine Submersible		E fine white cond	stone		490	510	'	X Not installed
Blue shale & fine shite sandstone Submersible Turbine							Model number	
Blue shale & fine shite sandstone Submersible Turbine	Diue, gray d leu shale w/halu sahustone				1310	343	, , , ,	ft. capacityg.p.m.
(Use a second sheet if needed) 18. Elevation: 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. Houck Bros. Drilling Co. 164. Business name Box 487, Ulysses, KS. License No. Address Box 487, Ulysses, KS. Signed 18. Elevation: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Houck Bros. Drilling Co. 164. Business name Box 487, Ulysses, KS.	Blue shale & fine shite sandstone				545	609	1	Turbine
18. Elevation: 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. Houck Bros. Drilling Co. 164. Business name Box 487, Ulysses, KS. Address Box 487, Ulysses, KS. Signed Signed Date 4-30.	(Use a second sheet if needed)							
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Hill X Slope Upland This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Houck Bros. Drilling Co. 164 Business name Box 487, Ulysses, KS. Signed Signed Date 4-30	18. Elevation:	T						
Topography: Hill X Slope Upland Topography: Houck Bros. Drilling Co. 164 Business name Box 487, Ulysses, Ks. Signed M. Blakd Date 4-30.							1	
Hill X Slope Upland Hill Business name Box 487, Ulysses, Ks. Address Box 487, Ulysses, Ks.	Tanagraphy						is true to the best of my know	wledge and belief.
X Slope — Upland Address Box 487, Ulysses, Ks. Signed M. Beard Date 4-30.	1						Business name	License No.
1 Signed 4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1							l Roy 487	, Ulysses, Ks.
	·						Signed // Support Authorized re	resentative Date 4-30