LOCATION OF WATER WELL:   Section Number   Township No.   Super Number   County:   No.   No.   No.   No.   No.   Super Number   County:   No.	WATER WELL REC	CORD	Form W	WC-5	Div	ision of Wate	r Resources App. No	, L	
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection; if at owner's address, check here	1 LOCATION OF WA	TER WELL:	Fraction		Sectio				Jumber
Contract town or interaction:   fat owner's address, check here	County: Kingman	7	1/4 NW 1/4 NW	34 NW4		36	T 28 S	R 7	□E XW
Longitude:   (in decimal degrees)	Street/Rural Address o	f Well Location;	if unknown, distance d	& direction					
Then bis 7									
Definition   Def			•		1				imal degrees)
2 WATER WELL OWNER:   Can-3-5   Captered in Continues   Collection Methods   Collection Met	Then EAST on	, SW 50Th	ST 3 Miles ?	work into	Datum				
RR#, Street Address, Box #: 3453 M. Reck. Read Sele Col   GPS unit Make/Mode    Linguist Mapphico,   Land Survey   Linguist Mapphico,   Land Survey   Land S	2 WATER WELL OW	NER: Kimsa.	s Corporation Co	manission	Collect	tion Method:	·		
SI LOCATE WELL   WITH AN "X" IN SECTION BOX: N   SECTIO		Box #: 3450 N	ROCK ROAD Ste	601	G	PS unit (Mak			
A DEPTH OF COMPLETED WELL   STATIC WATER LEVEL   B.   C.   B.   C.   C.   B.   C.   C.	City, State, ZIP Code	Wichit	4, KS 67226						
SECTION BOX:   A DEPTH OF COMPLETED WELL   S. SECTION BOX:   N	2 LOCATE WELL					curacy: [ <	3 m, <u></u> 3-5 m, <u></u>	3-13 m, L	_] >15 m
SENTION BOX!   Depths; O's connected recountered   Casing height above land surface measured on modalyyr.   Pump test data; Well water was	1	4 DEPTH OF	COMPLETED WEL	L /60	9	ft.			
WELL'S STATIC WATER LEVEL	1	Depth(s) Ground	lwater Encountered	(1)	ft.	(2)	ft. (3	3)	ft.
STYPE OF CASING USED   Steel   DVC   Other   Street   St.et	N								
Bore Hole Diameter									
WELL WATER TO BE USED AS:	NWNE	EST. YIELD	gpm. Well wate	r was	ft.	after	hours pump	oing	gpm
Series   Domestic   Feedlot   Dil field water supply   Dewatering   Other (Specify below)   Irrigation   Industrial   Domestic-lawn & garden   Monitoring well   Was a chemical/bacteriological sample submitted to Department?   Yes   No   If yes, mo/daylyr sample was submitted   Yes   No   Monitoring well   Water well disinfected?   Yes   No   No   No   No   No   No   No   N									
Irrigation									
Was a chemical/bacteriological sample submitted to Department?	SW SE	_							
S   Type OF CASING USED:   Steel   PVC   Other									
Water well disinfected?	s						103 24 140		
S TYPE OF CASING USED:   Steel   PVC   Other	- 1					•••••			
CASING JOINTS: Glued Clamped Welded Threaded Casing diameter A. in to C. ft., Diameter in to ft. Casing height above land surface. In, Weight Insert Institute Insert Inse	5 TVDE OF CASING I								
Casing height above land surface						••••••			
Casing height above land surface	Casing diameter .5.2.3	in. to	ft Diameter	in.	to	ft D	iameter	in. to	ft.
TYPE OF SCREEN OR PERFORATION MATERIAL:    Steel	Casing height above lar	nd surface	2 in., Weight	15.50	lbs./ft.	., Wall thic	kness or gauge No	)	
Brass   Galvanized Steel   None used (open hole)   SCREEN OR PERFORATION OPENINGS ARE:   Continuous slot   Mill slot   Gauze wrapped   Saw cut   Other (specify)     Louvered shutter   Key punched   Wire wrapped   Saw cut   Other (specify)     SCREEN-PERFORATED INTERVALS: From						,			
SCREEN OR PERFORATION OPENINGS'ARE:   Continuous slot   Mill slot   Gauze wrapped   Torch cut   Other (specify)     SCREEN-PERFORATED INTERVALS: From					Other (S	pecify)			
Continuous slot   Mill slot   Gauze wrapped   Torch cut   Drilled holes   Mone (open hole)	☐ Brass ☐ Gal	vanized Steel	None used (open h	iole)					
SCREEN-PERFORATED INTERVALS: From				7 Tamah and	[ L	lad halaa	CT Name (amon halo		
SCREEN-PERFORATED INTERVALS: From ft. to ft. From ft. From ft. To ft. From ft. From ft. To ft. From ft. From ft. From ft. From ft. To ft. From ft. From ft. From ft. To ft. From ft. Fr				Saw cut	Othe	r (specify)	None (open note	)	
From									ft.
From ft. to ft., From ft., From ft. to ft., From ft., Fro			From	ft. to		. ft., From	ft. t	o	ft.
GROUT MATERIAL:	GRAVEL PACE								
Grout Intervals: From									
What is the nearest source of possible contamination:  Septic tank Casewer lines Sewer lines Seewer lines Seepage pit Direction from well Direction from well Direction from well  TO LITHOLOGIC LOG FROM TO L	6 GROUT MATERIAL	: Neat ceme	ent 🔀 Cement ground	t 🔲 Bentoi	nite 🔲	Other	· · · · · · · · · · · · · · · · · · ·		
Septic tank									
Sewer lines   Cesspool   Sewage lagoon   Fuel storage   Abandoned water well   Casture   Contractor from well   Cesspool   Seepage pit   Feedyard   Fertilizer storage   Oil well/gas well   Contractor from well   Cesspool   Seepage pit   Feedyard   Distance from well   Cesspool   Cess				☐ I ivestock	.ans [	Tagasticida	stornes Mothe	r (specific	halow)
Watertight sewer lines   Seepage pit   Feedyard   Fertilizer storage   Distance from well   Properties   Distance from well   D			<u> </u>	== :			4		
Direction from well	Watertight sewer li						s well	stuse	Ground
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year)	Direction from well	999							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was a constructed, or plugged under my jurisdiction and was completed on (mo/day/year)	FROM TO	LITHOLOG	IC LOG	FROM	TO	LITHO. LO	OG (cont.) <u>or</u> PLU	<u>GGING I</u>	NTERVALS
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was a constructed, or plugged under my jurisdiction and was completed on (mo/day/year)									
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was a constructed, or plugged under my jurisdiction and was completed on (mo/day/year)									
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was a constructed, or plugged under my jurisdiction and was completed on (mo/day/year)				-					
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was a constructed, or plugged under my jurisdiction and was completed on (mo/day/year)							1.1.11tt		
under the business name of PEAT Well Sex PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white blue pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.	<u> </u>						Well		
under the business name of PEAT Well Sex PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white blue pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.									
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under the business name of PEAT Well Sex PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white blue pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.	under my jurisdiction and	was completed or	n (mo/day/year)4	9-10 ar	d this red	cord is true to	o the best of my kr	nowledge	and belief.
under the business name of PRATT Well SCREEN by (signature)  INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white blue pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.	Kansas Water Well Contr	actor's License N	o. 44 3 This V	water well R	ecora wa	is completed	on tmo/day/year)		
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks and check the correct answers. Send three copies (white blue pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.	under the husiness name of	of PRATT W	ell service 1	ンベ	. by (sig	gnature)	Willey -	Leh	
(white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.  Telephone 785-296-5522 Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at	INSTRUCTIONS: Lice tynew	riter or hall point nen.	PLEASE PRESS FIRML	Y and <i>PRINT</i> cle	ariv. Pleas	se fill in blanks	and check the correct	answers. S	send three copies
	(white, blue, pink) to Kansas I	epartment of Health	and Environment, Bureau ER WELL OWNER and	or water, Geold retain one for v	our record	i, 1000 SW Jac s. Include fee	of \$5.00 for each co	opeka, Kan nstructed w	ell. Visit us at

## Kansas Corporation Commission

## Well Log

*MW-7* 

Depth (ft.)   Sample   Type   (%d.EL)   Geologic Description   Well Construction   St. Survey   Well Construction   Well Con				l			
Field Screening   Equipment:   ITX Multi Gas Meter	Drill Date: Apr	il 5, 2010 (9.5	") & Apr	il 9,2010 (4.5")	Site: Yeoman (KCC#	<del>20060021-00)</del>	
Locations   Sec. 36-T28-S-RTW   230° FNL & 411° FEL   Drill Method: Mud Rotary and Air Rotary					Field Screening		
Derilling Rig: GEFCO Star 30K						ITX Multi Gas Meter	
Drilling Rig: GEFCO Star 30K   Surface Casing Length: 60'   Diameter: 5.5" Steel   Boring Diam.(Inches) for Surface casing: 9.5"   Cement Type: Common   Sample Method: Grab samples every five feet Ext. Elevation: 1583'   Use: Monitoring/Recovery Gas Well   Total Boring Depth (Feet): 160'   Well Construction   Well Construc	Location: Sec 3	16-T28S-D7W	/ 230' FN	I. & 411' FEL.			
Surface Casing Length: 60"   Diameter: 5.5" Steel   Boring Diameter through casing: 4.5"				D G 411 FEE			
Surface Casing   Length BGS:   59'   Cement Type: Common   Sample Method:   Grab samples every five feet			K				
Depth (ft.)   Sample   Trace   Sample   Trace   Trace   Sample   Trace   Trace   Sample   Trace   Trace   Sample   Trace   T	Surface Casing	Length: 60'		Diameter: 5.5" Steel	Boring Diameter thro	ough casing: 4.5"	
Depth (ft.)   Sample   TIX   Geologic Description   Well Construction   Type (%L.EL)   Geologic Description   Well Construction   Service   Well Construction   Well Construction   Service   Well Construction   Well Construction   Well Construction   Service   Well Construction   Well Construction   Well Construction   Well Construction   Service   Well Construction   Well Construction   Service   Well Construction   Well Construction   Well Construction   Well Construction   Service   Well Construction   Service   Well Construction   Well Common   We	Surface Casing	Length BGS:	59'	Cement Type: Common	Sample Method:	Grab samples every five feet	
Depth (ft.)   Sain   Face   Color	Est. Elevation:	1583'		Use: Monitoring/Recovery Gas Well	Total Boring Depth (	feet): 160'	
Surface   Ni/A   0.0-5' - Sand, Coarse, Sub-angular, Rust colored changing tan with depth wash   Ni/A   15- Sanc   wash   Ni/A   15- Sanc   wash   Ni/A   25- Sand, floorendium grained, sub-rounded, Medium-Fine, 15% Feldspar   Swedge   wash   Ni/A   30- Same changing lar flower flower   Sand, Fine/Medium   Sand, Fine/Medium   Swedge   wash   Ni/A   30- Same changing lar flower flower   Sand, Fine/Medium   Swedge   wash   Ni/A   30- Same changing lar flower flower   Swedge   wash   Ni/A   30- Same changing lar flower flower   Swedge   wash   Ni/A   Sand, Fine/Medium, 10% Feldspar, sun-rounded   Common   Common   Common   Common   Wash   Wash   Ni/A   Sand, Fine/Medium, 10% Feldspar, sun-rounded   Common		Sample	ITX			Well Construction	
Surface	Depth (ft.)	1 -		Geologic Description		7	
Wash   N/A   Was			<u> </u>	0.0-5' - Sand Coarse Sub-angular Rust colored changing ta	n with depth	5.5"	
wash   N/A   15. Same   N/A   20. Same   N/A   30. Same chap fine fine faul   30. Same chap fine fine sand   30. Same chap fine fine sand   40. Org/B/m Sand, Fine Medium, 10/6 Feldspar, sun-rounded   40. Org/B/m Sand, Fine to Medium, black shale frag, shale las good break   45. Same chaping to Red shale.   4			i		•		
wash		<del></del> 1	1				
25	l						
Wash				1			
wash   N/A   35 - Sand, Fine Medium, 10% Feldspar, sun-rounded   vash   vash   vash   N/A   40 - Org/Bm Sand, Fine to Medium, black shale frag, shale has good break   vash   N/A   50 - Red Shale, some medium sand   vash   va	25	_				Common	
wash   N/A   40 - Org/Rm Sand, Fine to Medium, black shale frag, shale has good break   N/A   45 - Same changing to Red shale.   N/A   45 - Same changing to Red shale.   N/A   50 - Red Shale, some medium sand.   N/A   N/A   50 - Red Shale, some medium sand.   N/A   N/	-		1	1		11.1.1	
Wash   N/A   55- Same changing to Red shale.   N/A   50- Red Shale, some medium sand.   N/A   So. Red Shale, Some medium sand.   N/A   N			i	• • •	as good break		
Nash   N/A   Sol- Red Shale, some medium sand.   N/A   Sol- Red Shale, End of vash sampling   A.5°   Open   Air   Air   A   65 - Red dust   Open   Hole   Air				1	-		
N/A			1				
Air   Air	50	_	N/A		- Landau		
75		Air	0	61 - Red Shale, End of wash sampling		4.5"	
75		Air	4	65 - Red dust		Open	
Air		Air	5	70 - Red Dust		Hole / HARRISTON	
Air   5   80 - Red/White Dust   5.5°     Air   3   85 - Red Dust   Steel     Air   4   90 - White/Red Dust   Casing     Air   3   95 - Red / White dust     Air   26   105 - Red Dust     Air   OR   110 - Red Dust     Air   OR   115 - Red Dust     Air   OR   120 - Red Dust     Air   OR   121 - Red bust     Air   OR   121 - Red bust     Air   OR   130 Red, moist     Air   OR   145 - Gray, wet     Air   OR   160 - Pink/Gray/Red, wet     TD: 160'   Open     Formation     OR = Reading Over 100% of LEL	75	Air	3	75 - Red Dust			
Air   Air   3   95 - Red /White dust   Air   3   100 - Red/white dust   Air   3   100 - Red/white Dust   Air   OR   110 - Red Dust   Air   OR   115 - Red Dust   Air   OR   115 - Red Dust   Air   OR   120 - Red Dust   Air   OR   130 Red, moist   Air   OR   140 - Gray/Red, wet   Air   OR   150 - Red, Wet   OR   150 - Red, Wet   OR   150 - Red, Wet   OR   160 - Pink/Gray/Red, wet   Open   Formation   Open   Formation   OR = Reading Over 100% of LEL	, ,	Air	5	80 - Red/White Dust		5.5"	
Air   3   95 - Red /White dust   3   100 - Red/white Dust		Air	3	85 - Red Dust		Steel	
100		Air	4			Casing	
Air		Air	1				
Air   26   105 - Red Dust   1010 - Red Dust   1020 - Red Dust   1020 - Red Dust   1200 - Red Dust	100						
Air   OR   115 - Red Dust   120 - Red Dust   120 - Red Dust   120 - Red Dust   121 - Red but very moist   121 - Red but very moist   130 Red, moist   130 Red, moist   145 - Gray, wet   145 - Gray, wet   150 - Red, Wet   150 - Red, Wet   170 : 160°   160 - Pink/Gray/Red, wet   TD: 160°   Open   Formation   OR = Reading Over 100% of LEL							
Air   OR   120 - Red Dust   121 - Red but very moist   130 Red, moist   130 Red, moist   140 - Gray/Red, wet   145 - Gray, wet   150 - Red, Wet   150 - Red, Wet   TD: 160'   Open   Formation   OR = Reading Over 100% of LEL			1				
125		_	i .				
Air OR 140 - Gray/Red, wet  Air OR 145 - Gray, wet  150 Air OR 160 - Pink/Gray/Red, wet  TD: 160'  OR = Reading Over 100% of LEL			ŧ				
Air OR 140 - Gray/Red, wet OR 145 - Gray, wet OR 150 - Red, Wet  TD: 160'  OPen Formation  OR = Reading Over 100% of LEL	125	-	1				
Air OR 150 - Red, Wet  OR 160 - Pink/Gray/Red, wet  TD: 160'  OR = Reading Over 100% of LEL		-  AIF	OK	130 Neu, moist			
Air OR 150 - Red, Wet  OR 160 - Pink/Gray/Red, wet  TD: 160'  OR = Reading Over 100% of LEL			OP	140 - Grov/Red wet			
Air OR 150 - Red, Wet  OR 160 - Pink/Gray/Red, wet  TD: 160'  OPEN  Formation  OR = Reading Over 100% of LEL		_		1			
Air OR 160 - Pink/Gray/Red, wet  TD: 160'  Open Formation  OR = Reading Over 100% of LEL		<del>-</del>	1				
TD: 160'  Open Formation  OR = Reading Over 100% of LEL	150-		- OK	170 - 1.00, 1101			
TD: 160'  Open Formation  OR = Reading Over 100% of LEL		Air	OR	160 - Pink/Grav/Red, wet			
175 OR = Reading Over 100% of LEL						/ <u></u>	
175 OR = Reading Over 100% of LEL				TD: 160'		Open /	
OR = Reading Over 100% of LEL	4						
	175						
Geologist: David L. Bollenback Drilling Company: Pratt Well Service, Inc. Driller: Jon				OR = Reading Over 100% of LEL			
Geologist: David L. Bollenback Drilling Company: Pratt Well Service, Inc. Driller: Jon							
Geologist: David L. Bollenback Drilling Company: Pratt Well Service, Inc. Driller: Jon							
Geologist: David L. Bollenback Drilling Company: Pratt Well Service, Inc. Driller: Jon		_					
Geologist: David L. Bollenback Drilling Company: Pratt Well Service, Inc. Driller: Jon		_					
Geologist: David L. Bollenback   Drilling Company: Pratt Well Service, Inc. Driller: Jon				<b>-</b>			
	Geologist:	David L. B	ollenback	Drilling Company: Pratt Well Ser	vice, Inc. Driller: J	on	