WATER WI	ELL RECORD	Form	WWC-5	5 [oivision of Wa	ter Reso	urces; App. No.	
1 LOCATION	OF WATER WEL Crawford	L: Fraction	SW ¼	SW 1/4	Section Nu	ımber	Township Number T 29 S	Range Number
Distance and dir	ection from nearest to	own or city street	address of	well if	Global Pos	itioning	System (decimal degr	rees, min. of 4 digits
Distance and direction from nearest town or city street address of well if located within city? 107 E Washington, Arma Latitude: N 37.54436º								
Longitude: W 94.70403 ^o								
2 WATER WELL OWNER: Arma Express (Hale Petroleum Co) Elevation: RIM: 1009.53, TOC: 1009.13								.13
	lress, Box # : 306				Datum:	abov	e mean sea level	
City, State, 2	IP Code : Fro	ntenac, KS 6676	3		Data Colle	ection N	lethod: legal survey	
3 LOCATE WELL'S 4 DEPTH OF COMPLETED WELL 8.5 ft. LOCATON MW4								
LOCATON					MW4			
WITH AN "	X" IN Depth(s) G	roundwater Enco	untered 1			ft. 2	ft. 3	ft
SECTION E	ROX: WELL'S S	TATIC WATER	LEVEL		ft below lar	nd surfa	ce measured on mo/d	av/vr
N N	D D	umn test data:	Well water	37796	ft ft	after	hours numni	ng
	Est Viold	ump iesi data.	Wall water	was	ft.	after	hours pumpi	nggpm
Est. Yield gpm: Well water was ft. after hours pumping gpm								
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well								
W E Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) Monitoring well								
2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well								
sw-+sE								
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yrs								
S							ell Disinfected? Yes	
		5 W	-	0 Cana		CACI	NC IOINTEC Classi	<u> </u>
5 TYPE OF C	ASING USED:	5 Wrought Iro	n	8 Conc	rete tile	CASI	ING JOIN 15: Glued	Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded								
2) PVC 4 ABS 7 Fiberglass Threaded X								
Blank casing dia	meter 2 in.	to 3.0 ft.	, Dia		in. to	ft.,	Dia in.	to ft.
2 PVC 4 ABS 7 Fiberglass Threaded X Blank casing diameter 2 in. to 3.0 ft., Dia in. to ft., Dia in. to ft. Casing height below land surface 0.40 ft., Weight lbs./ft. Wall thickness or gauge No.								
1 Steel 3 Stainless steel 5 Fiberglass (7) PVC 9 ABS 11 Other (specify)								
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 9 ABS 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)								
INCREEN OR PERSONATION OPENINGS ARE:								
1 Continuous slot 5 Mill slot 5 Guaze wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify)								
2 Louvered shutter ** Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 3.0 ft. to 8.5 ft. From ft. to ft.								
SCREEN-PERF	ORATED INTERVA	ALS: From	3.0	ft. to	8.5	. ft. Fro	om ft. to	ft.
		From		ft. to		ft. Fro	o m ft. to	ft.
From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 2.0 ft. to 8.5 ft. From ft. to ft.								
From ft. to ft. From ft. to ft.								
CROUT MATERIAL. 1 Next compat. 2 Compat group. 2 Particle. (A) Other Compat. 2 1 Compat.								
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Concrete: 0-1 ft Grout Intervals From 1.0 ft. to 2.0 ft. From ft. to ft. From ft. to ft.								
Grout Intervals From 1.0 ft. to 2.0 ft. From ft. to ft. From ft. to								
What is the nearest source of possible contamination:								
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify								
2 Sewer lines 5 Cess pool 8 Sewage lagoon (1) Fuel storage 14 Abandoned water well below)								
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/ gas well								
Direction from well? West How many feet? ~195								
FROM TO	LIT	HOLOGIC LOG		FRO	м то		PLUGGING INTE	ERVALS
0 1		Brown silty clay, m		120				
_ ·		rubble fill (fine), m		-				
	odor	in (inio), in		+				
3 5		silt, wet, no odor						
8 8		, auger refusal at 8	.5'					
				1				
		· · · · · · · · · · · · · · · · · · ·						
						Flushn	nount waiver from B	ow
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged								
under my jurisdiction and was completed on (mo/day/year) 5/27/08 and this record is true to the best of my knowledge and belief.								
Kansas Water We	Il Contractor's License	No. 757	. This Wa	ter Well	Record was co	mpletec	on (mo/day/year) 6/	24/08
	name of Larsen &				nature)	1		
INSTRUCTIONS:	Please fill in blanks or circ	cle the correct answe	rs. Send top			partinent o	of Health and Environment	Bureau of Water.
INSTRUCTIONS: Please fill in blanks or circle the correct answers. Send top three copies 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. Sendane to WATER WELL OWNER and retain one for								
your records. Fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell.								