WATER WELL RECORD					_		n of Water			MW19
X Original Record	Correction Change in	Well Ust			Re	source	es App. No.		Well ID	
1 LOCATION OF WATE County Butler	ER WELL:	Fraction NE /	4 NW !	4 NE	¼ SE		Section Number 2	Township Nun		Number 5 X E W
2 WELL OWNER: Last No	ame: Badwey	First: N	lick	1				ll is located (if unk		
Business:	.04			1				: If at owner's ad	dress, check h	ere:
Address: 423 S. Alleghany Address:	St.			301 E	. Central, E	Dora	do, KS			
City El Dorado	State: KS	ZIP: 6	7042							
3 LOCATE WELL	4 DEPTH OF CO			21.9	99 ft	5	Latitude:	37.817		cimal degrees)
WITH "X" IN	Depth(s) Groundwater	Encounter	ed: 1)		ft		Longitude	96.846	48(de	cimal degrees)
SECTION BOX:	2)ft 3					ĺ	Horizontal			83 NAD 27
N	WELL'S STATIC WAT							Latitude/Longitude	:	
below land surface, measured on (mo-day-yr						-		init make/model:		
NW NE above land surface, measured on (mo-day-yr						-		AAS enabled? Topog)
	Pump test data: Well water was ft after hours pumping gg						=	Mapper	гарите мар	
W X	anerw	urs pumpi ater well v	na c	gp ft				Mappel		
11 ' 1 ' 1	afterh					6	Elevation	1283.8 ft	Ground L	evel X TOC
sw — se —	Estimated Yield:	. ,	pm				SourceX	Land Survey	GPS	
	Bore Hole Diameter:	7.25	in to	ft,	and	1		Other		
S	Bore Hole Diameter:	***************************************	in to	ft						
mile										12.12.00
7 WELL WATER TO BE U		only: well	ID.			10	Oil Eight v	Vater Supply: lease		
1 Domestic: Household	5 Public Water Su 6 Dewatering: how					_	On Field v cest Hole: well			
Lawn & Garden	7 Aquifer Recharg	-	, 113 :			٠, ۲	Cased [Uncased	Geotechnic	al
Livestock	8 X Monitoring: wel		19			12 G	reothermal: Ho		Jeo.comilio	
2 Irrigation	9 Environmental Reme) Closed Loo		Vertic	al
3 Feedlot	Air Sparge	_	Vapor Extr	actior) Open Loop	· 	ischarge	
4 Industrial	Recovery	Injec	ction			_	Other (spe			
Was a chemical/bacteriological s	ample submitted to VD	ure [Jvac I	, INIC	Ifvon	data a	omania vysa svi	hamittad:		
	X No	ne: _	lies [NO	n yes,	uate s	ample was sul	omitted:		***************************************
	<u> </u>	Other			CACINIC	ODET	re. []cl.,	- 4 Clammia 4 I	377-14-4	V 711-1
8 TYPE OF CASING USEI Casing diameter 2 in. to	5 ft Diame	Oine	in	to	H CASING	Г	isoiu Dismeter	in to	welded	A I fireaded
Casing diameter 2 in. to 5 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.3 in. Weight lbs./ft. Well thickness or gauge No										
TYPE OF SCREEN OR PERF								***************************************	•••••••••••••••••••••••••••••••••••••••	
Steel Stainless Steel Fiberglass X PVC Other (Specify)										
Brass Galvanized S	teel Concrete tile	□N	one used (open hole	:)					
SCREEN OR PERFORATION	OPENINGS ARE:									
Continuous Slot X M	ill Slot 🔲 Gauz	Wrapped		Torch Cu	t 🔲 Di	illed I	Holes	Other (Specify)	
	.,	Wrapped		Saw Cut			pen Hole)			
SCREEN-PERFORATED INTER	VALS: From 5	ft. to	21.99 ft	, From		ft. to		ft, From	ft. to	ft,
GRAVEL PACK INTER	VALS: From 4	ft. to	22.5 ft	, From	· · · · · · · · · · · · · · · · · · ·	ft. to)	ft, From	ft. to	ft,
9 GROUT MATERIAL:	Neat cement Ce	ment grou	t XB	entonite	X Oti	ner C	oncrete: 0-0.5	1		
***************************************	ft. to 4 ft, F	rom	ft. to)			ft.			
Nearest source of possible cont	amination:				_					
Septic Tank	Lateral Lines	P	it Privy		Li	vestoc	k Pens	Insecticide	Storage	
Sewer Lines	Cess Pool	s	ewage Lag	oon	X Fu	el Sto	rage	Abandoned	i Water Well	
Watertight Sewer Lines	Seepage Pit	F	eedyard		Fe	rtilize	r Storage	Oil Well /	Gas Well	
Other (Specity)										
Direction from well? S		D	istance from	n well?	~45			ft		
10 FROM TO	LITHOLO	GIC LOC	3		FROM		TO	LITHO. LOG (cor	nt.) or PLUGGIN	G INTERVALS
0 1.5 Backfi										
1.5 18.5 Silty cl 18.5 22.5 Shale,	some limestone					+				
22.3 Silaic,	Some innestone					-				
					Notes: KI)HE I	D: Norris 66	Service;U2-008-1	2252	
				_						
11 CONTRACTORS OF TAX	JDOWNEDIS CEDTIES	TATION:	This	w 11/011	NO 137	00000	musta d		1	
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 7/28/16 and this record is true to the best of my knowledge and belief. Kansa Water Vell Contractor's										
License No 757 This Water Well Record was completed on (mo-day-year) 8/29/16										
under the business name of Larsen & Associates, Inc. Signature										
Mail 1 white copy alo	ong with a fee of \$5.00 for ea					lealth	and Environme	nt, Bareau of Waler,	GWTS Section,	
	t., Suite 420, Topeka, Kansas	66612-136				and ret	ain one for you	records. Telephone		e
Visit us at http://www.kdheks.gov	/waterwell/index.html		KSA 8	32a-1212					Revised	7/10/2015

TRITERRA LAND SERVICES

KGS Copy

P.O. Box 546 Clearwater, Kansas 67026 Cell (316) 648-3617 Fax (620) 584-4371 E-mail: triterrals@yahoo.com

SURVEYING OF MONITORING WELLS NORRIS 66 EL DORADO, KANSAS

The above site is in Section 2, Township 26 South, Range 5 East of the Sixth Principal Meridian, Butler County, Kansas. The Southeast corner of Section 2 was assigned coordinates of 00.00 North and 00.00 West.

The vertical and horizontal control were from the previous survey. A new control point was established as a chiseled 'X' in the center of the sidewalk at the northeast corner of the site.

The Latitude and Longitude were recorded from a GPS unit. The site is located on the 7.5' quad map titled "El Dorado".

ID SE CORNER 2-26S-5E	NORTH 00.00	WEST 00.00	LATITUDE	LONGITUDE	ELEVATION
Control Point	2614.54	725.24	37.81729	96.84624	1283.08
MW-14 NE NW NE SE	2513.09	789.22	37.81704	96.84644	RIM 1284.84 TOC 1284.58
MW-15 NE NW NE SE	2514.11	862.26	37.81703	96.84670	RIM 1284.56 TOC 1284.21
MW-16 NE NW NE SE	2446.08	918.38	37.81683	96.84690	RIM 1283.98 TOC 1283.65
MW-17 NE NW NE SE	2543.20	862.20	37.81710	96.84670	RIM 1284.30 TOC 1284.07
MW-18 NE NW NE SE	2603.81	917.94	37.81726	96.84690	RIM 1283.76 TOC 1283.53
MW-19 NE NW NE SE	2601.79	801.85	37.81725	96.84648	RIM 1284.10 TOC 1283.80
MW-20 SE NW NE SE	2298.61	689.62	37.81642	96.84612	RIM 1279.93 TOC 1279.54



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SEP 1 9 2016

BUREAU OF WATER