WATER WELL RECORD KSA 82a-1201-1215

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

CWW Inv. 14111	Shuck A-1			Topeka, Kansas 00020
County	Fraction	Section number		Township number Range number
1. Location of well: Seward	1/4 NW 1/4 SW	1/4	20	T 33S S R 34W E/W
2. Distance and direction from nearest town or city: From Liberal 3. Own			ner of well: Anadarko Production Co.	
go 9m North to Hwy 270 - 7m West - R.R. or str.				Paul Gatlin, Box 351
Zm South - East to location City, state, zip code: L.				iberal, KS 67901
4. Locate with "X" in section below: Sketch map: 7m WEST-HWY27			270	6. Bore hole dia. 9 in. Completion date 12-13 Well depth 280t.
i [] attim				7 Cable tool _XRotary Driven Dug
East to continue of the contin				Hollow rod Jetted Bored Reverse rotary
	~ ~	74		8. Use: _X Domestic Public supply Industry
1_ ' '		¥		Irrigation Air conditioning Stock
X SE		77		Lawn Oil field water Other 9. Casing: Material Height: Above or below
		20		Threaded WeldedSurface 28_ in.
S		OY J	beral	RMP PVC Weight 2 78 lbs./ft.
5. Type and color of material		From	To	Dia. 5 in. to 155ft. depth Wall Thickness: inches or Dia. 5 in. to 280ft. depth gage No. 265
3. Type and color of material		From	,,,	10. Screen: Manufacturer's name
Surface) 2	Sawed perf. TypePVC Dig5"
			_	Slot/gguze Length Length
Clay		2	20	Set between155ft. and255ft.
Fine sand		20	35	Gravel pack? VESSize range of material 1/8-3/16
Sandy clay		35	140	
Bandy Clay			140	
Med. to large sand &	sandy clay 40-6	0 140	170	12. Pumping level below land surfaces: ft. after hrs. pumping g.p.m.
Medium to large sand		170	210	ft. after hrs. pumping g.p.m.
				Estimated maximum yield50g.p.m.
Medium to large sand	& sandy clay 70	<u>-30 210</u>	250	13. Water sample submitted: mo./day/yr. YesX No Date
Blue sandy clay		250	260	14. Well head completion:
Blue clay	,	260		Pitless adapter
Blue Clay	- At 1 - At 1 - At 2 -	1200	200	15. Well grouted? <u>Yes</u> With: Neat cement Bentonite Concrete
				10 —
				16. Negrest source of possible contamination:
			1	ft. 100 Direction NE Typeoilwell Well disinfected upon completion? Typeoilwell
				Well disinfected upon completion?
				Manufacturer's name
				Model number HP Volts
			-	Length of drop pipe ft. capacityg.p.m.
				Submersible Turbine
() lea = coop	nd sheet if needed)			Jet Reciprocating Reciprocating
18. Elevation: 19. Remarks:	and sheet it needed/		1	20. Water well contractor's certification:
				This well was drilled under my jurisdiction and this report
Topography:				is true to the best of my knowledge and belief.
Hill ,			Carlile Water Well 118 Business name License No.	
Slope				Address Box 275, Liberal, KS 5
Upland Valley				Signed Lawred & Means Date 12-30-77
vulley				1