

1 LOCATION OF WATER WELL: County: <b>Seward</b>	Fraction <b>3/4 C-SW 1/4 NW 1/4</b>	Section Number <b>13</b>	Township Number <b>T 34 S</b>	Range Number <b>R 31 E/W</b>
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Distance and direction from nearest town or city street address of well if located within city: **From Liberal go East to Hwy 54 to Cimarron River Bridge then 8mi South follow lease road 1 1/2mi to location.**

2 WATER WELL OWNER: <b>Keating Estate c/o Lowry Lease Management</b>	RR#, St. Address, Box #: <b>Box 1578</b>	City, State, ZIP Code: <b>Liberal, Kansas 67901</b>	Inca Oil Company	Board of Agriculture, Division of Water Resources	Application Number: <b>T 81-949</b>
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <b>280</b> ft. ELEVATION: .....
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1 Mile

Depth(s) Groundwater Encountered 1. **125** ft. 2. .... ft. 3. .... ft.

WELL'S STATIC WATER LEVEL **155** ft. below land surface measured on mo/day/yr **12/24/81**

Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm

Est. Yield **60** gpm: Well water was ..... ft. after ..... hours pumping ..... gpm

Bore Hole Diameter **9** in. to **280** ft., and ..... in. to ..... ft.

WELL WATER TO BE USED AS:

5 Public water supply	8 Air conditioning	11 Injection well
1 Domestic	3 Feedlot	<u>6 Oil field water supply</u>
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 Observation well

Was a chemical/bacteriological sample submitted to Department? Yes.....No.....; If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: <u>Glued</u> Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
<u>2 PVC</u>	4 ABS	7 Fiberglass	.....
Blank casing diameter <b>5</b> in. to <b>220</b> ft., Dia. .... in. to .... ft., Dia. .... in. to .... ft.			Welded
Casing height above land surface <b>28</b> in., weight <b>2.78</b> lbs./ft. Wall thickness or gauge No. <b>.256</b>			Threaded
TYPE OF SCREEN OR PERFORATION MATERIAL:		<u>7 PVC</u>	10 Asbestos-cement
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:		8 Saw cut	11 None (open hole)
1 Continuous slot	3 Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify) .....
SCREEN-PERFORATED INTERVALS: From <b>220</b> ft. to <b>280</b> ft., From ..... ft. to ..... ft.			
GRAVEL PACK INTERVALS: From <b>100</b> ft. to <b>280</b> ft., From ..... ft. to ..... ft.			

6 GROUT MATERIAL:	<u>1 Neat cement</u>	2 Cement grout	3 Bentonite	4 Other .....
Grout Intervals: From <b>0</b> ft. to <b>10</b> ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.				
What is the nearest source of possible contamination:			10 Livestock pens	14 Abandoned water well
1 Septic tank	4 Lateral lines	7 Pit privy	11 Fuel storage	15 Oil well/Gas well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage	16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage	
Direction from well?			How many feet?	

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	18	medium to large sand			
18	22	caliche			
22	55	medium to large sand			
55	78	sandy clay			
78	162	medium to large sand			
162	190	sandy clay			
190	268	medium to large sand			
268	280	sandy clay			

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) <b>12/24/81</b> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>118</b> This Water Well Record was completed on (mo/day/yr) <b>12/28/81</b> under the business name of <b>Carlile Water Well Service, Inc.</b> by (signature) <i>Edward E. Means</i>
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INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.