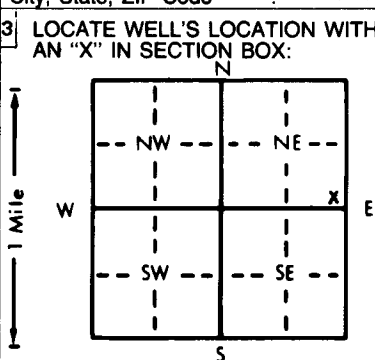


1 LOCATION OF WATER WELL: County: Seward	Fraction SE 1/4 SE 1/4 NE 1/4	Section Number 17	Township Number T 32 S	Range Number R 34W EW
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Distance and direction from nearest town or city street address of well if located within city? **Liberal, Kansas - 14 1/2 miles North - 6 West into location.**

2 WATER WELL OWNER: Ben Jerma n	OXY USA Inc./Exeter #2
RR#, St. Address, Box # : Rt 2	Board of Agriculture, Division of Water Resources
City, State, ZIP Code : Liberal, Kansas 67901	Application Number: T 88-501



4 DEPTH OF COMPLETED WELL: **380'** ft. ELEVATION:

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

WELL'S STATIC WATER LEVEL **252'** ft. below land surface measured on mo/day/yr **10-21-88**

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 **380'** 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	6 Oil field water supply
2 Irrigation	4 Industrial	9 Dewatering
	7 Lawn and garden only	12 Other (Specify below)
	10 Observation well	

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

Water Well Disinfected? Yes **X** No

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
		7 Fiberglass		Threaded

Blank casing diameter **5.563** in. to **260'** ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface **28** in., weight **2.93** lbs./ft. Wall thickness or gauge No. **265**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	7 PVC	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)	11 Other (specify)
			9 ABS	12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	3 Mill slot	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes	
		7 Torch cut	10 Other (specify)	

SCREEN-PERFORATED INTERVALS: From **260'** ft. to **380'** ft., From ft. to ft.

GRAVEL PACK INTERVALS: From **22'** ft. to **120'** ft., From **130'** ft. to **380'** ft.

6 GROUT MATERIAL: **1 Neat cement** 2 Cement grout **3 Bentonite** 4 Other

Grout Intervals: From **2'** ft. to **4'** ft., From **4'** ft. to **22'** ft., From **120'** ft. to **130'** ft.

What is the nearest source of possible contamination:

1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	14 Abandoned water well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	15 Oil well/Gas well
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	16 Other (specify below)
			13 Insecticide storage	

Direction from well? **Northwest** How many feet? **1100'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Surface			
2	142	Sandy Clay			
142	170	95% Med. to large sand - 5% Gravel			
170	230	85% Med. to large sand - 15% Sandy Clay			
230	282	10% Clay - 90% Med. to large sand			
282	297	50% Med. to large sand - 50% Sandy Clay			
297	356	10% Clay - 90% Med. to large sand			
356	376	50% Med. to large sand - 50% Sandy Clay			
376	380	Red Bed			

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) **10/21/88** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **118**. This Water Well Record was completed on (mo/day/yr) **11/1/88** under the business name of **Carlile Water Well Service, Inc.** by (signature) *[Signature]*

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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.