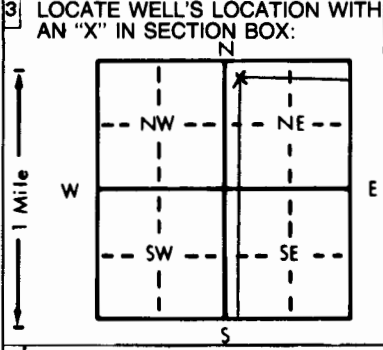


1) LOCATION OF WATER WELL: Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ Section Number 23 Township Number T 32S S Range Number R 34W E W
 County: Seward
 Distance and direction from nearest town or city street address of well if located within city? Liberal, Kansas - 15 miles North - 3 1/2 miles West - South into location

2) WATER WELL OWNER: Hitch Farms Inc. OXY USA Inc.
 RR#, St. Address, Box # : Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Guymon, Oklahoma Application Number: T 88-197



4) DEPTH OF COMPLETED WELL... 340 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 220 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL .. 220 ft. below land surface measured on mo/day/yr .. 04/27/88
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield .. 100 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter .. 9 in. to .. 340 ft., and in. to ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 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:
 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 8 RMP (SR) 10 Asbestos-cement 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 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 ... 340 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From ... 24 ft. to ... 115 ft., From ... 120 ft. to ... 340 ft.
 From ft. to ft., From ft. to 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 ... 24 ft., From ... 115 ft. to ... 120 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Surface	327	340	60% Gravel - 40% Sandy Clay
2	53	Sandy Clay			
53	112	Clay			
112	127	Sandy Clay			
127	143	Med. to large sand			
143	168	80% Med. to large sand - 20% Sandy Clay			
168	196	40% Med. to large sand - 60% Sandy Clay			
196	214	Sandy Clay			
214	222	35% Med. to large sand - 65% Sandy Clay			
222	313	Med. to large sand			
313	327	80% Med. to large sand - 20% 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) 04/27/88 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) 05/03/88 under the business name of Carlile Water Well Service, Inc. by (signature)

OFFICE USE ONLY

CORRECTION TO WATER WELL RECORD (WWC-5)

The following correction(s) was made to the attached WWC-5 log, in order to file the item or to rectify lacking or incorrect information.

Fraction (1/4 1/4 1/4) Section-Township-Range changed:

listed as 23-32s-34w

changed to NW NW NE 23-32s-34w

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Sub-tette SW 7.5 ; disc on form

initials: Sy date: 5/4/99

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment Bureau of Water Industrial Programs, Bldg 283, Forbes Field, KS 66620