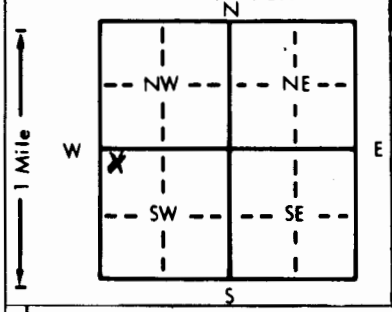
Lease Name Sandifer #1 WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Seward | Fraction: NW ¼ NW ¼ SW ¼ | Section Number: 30 | Township Number: T 34 S | Range Number: R 34 E/W

Distance and direction from nearest town or city street address of well if located within city? From Liberal go North to Tucker Road go 8mi West 6/10 mi South and East into location.

2 WATER WELL OWNER: Sandifer Farms Par Petroleum
RR#, St. Address, Box # : c/o First National Bank Box 913
City, State, ZIP Code : Hutchison, Kansas
Board of Agriculture, Division of Water Resources
Application Number: T 84-973

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:




4 DEPTH OF COMPLETED WELL 285 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 141 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 144 ft. below land surface measured on mo/day/yr 12/22/84
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 75 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 9 in. to 285 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 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter 5 in. to 200 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 28 in., weight 2.85 lbs./ft. Wall thickness or gauge No. .265

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

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 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 200 ft. to 285 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 105 ft. to 285 ft., From ft. to 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 0 ft. to 10 ft., From ft. to ft., From ft. to 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? Northeast of water well. How many feet? 100'

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|---|---|---|---|---|---|
| 0 | 2 | surface | | | |
| 2 | 191 | clay & sandy clay | | | |
| 191 | 285 | fine sand, medium to large sand and sandy clay 80/20 | | | |

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) December 22, 1984 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) January 3, 1985 under the business name of Carlile Water Well Service, Inc. by (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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

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