Lease: Wayne Lucas #5 WATER WELL RECORD Form WWC-5 KSA 82a-1212

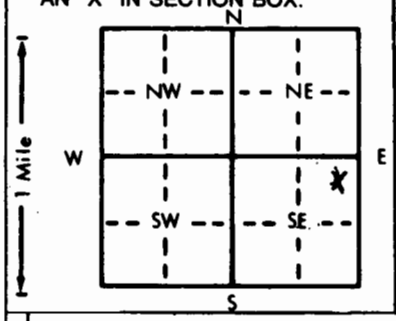
1 LOCATION OF WATER WELL: County: Haskell | Fraction: SE ¼ NE ¼ SE ¼ | Section Number: 21 | Township Number: T 28 S | Range Number: R 34 E/W

Distance and direction from nearest town or city street address of well if located within city? From Sublette go North to Jct. 83 & 160 go 9 mi West 2½mi North 660' West and 660' South into location.

2 WATER WELL OWNER: Lucas Farms Mobil Oil Corp.
RR#, St. Address, Box # : c/o Wesley Lucas
City, State, ZIP Code : Satanta, Kansas

Board of Agriculture, Division of Water Resources
Application Number: T 86-86

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



4 DEPTH OF COMPLETED WELL 520 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 222 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 298 ft. below land surface measured on mo/day/yr 2/13/86
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 11 in. to 520 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)
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 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued Clamped Welded Threaded
Blank casing diameter 6 5/8" in. to 320 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: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 320 ft. to 520 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 340 ft. to 520 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 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? Northwest of water well. How many feet? 275'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	76	clay			
76	303	spots of clay with gravel			
303	437	30% clay & 70% med. to large sand			
437	483	sandy clay			
483	520	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) February 13, 1986 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) February 17, 1986 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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.