Shafer #1 Unit - Well #4 WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction: SE ¼ SE ¼ NE ¼ | Section Number: 6 | Township Number: T 33 S | Range Number: R 38 E(W)

County: Stevens

Distance and direction from nearest town or city street address of well if located within city? NW Corner of Hugoton, blacktop county road 7 miles west - 1½ miles north-west into

2 WATER WELL OWNER: John Slemp

RR#, St. Address, Box # : HC0 1

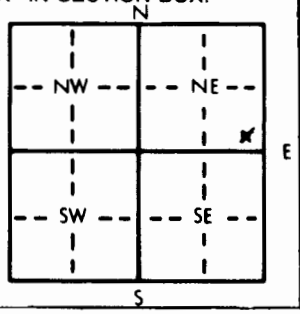
City, State, ZIP Code : Hugoton, KS 67951

MOBIL OIL CORP./Unit 19

Board of Agriculture, Division of Water Resources

Application Number: T89-258

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



4 DEPTH OF COMPLETED WELL 400 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 155 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr 6-10-89

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 9½ in. to 400 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 Monitoring well 11 Injection well 12 Other (Specify below)

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 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 X Clamped Welded Threaded

Blank casing diameter 5.563 in. to 240 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 36 in., weight 2.93 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 240 ft. to 400 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 22 ft. to 170 ft., From 180 ft. to 400 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 2 ft., From 2 ft. to 22 ft., From 170 ft. to 180 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? ~~NORTHEAST~~ SOUTHEAST How many feet? 140

FROM	TO	LITHOLOGIC LOG
0	5	Surface
5	31	Clay
31	42	Sandy clay
42	84	50% Fine sand-50% Med. to large sand
84	120	Med. to large sand
120	130	50% Clay-50% Sandy clay
130	150	Sandy clay
150	160	50% Med. to large sand-50% sandy clay
160	180	Clay
180	210	15% Med. to large sand-85% sandy clay
210	230	50% Clay-10% Med. to large sand-40% Sandy clay
230	260	Clay
260	270	Sandy clay
270	300	15% Clay-85% Sandy clay
300	340	50% Med. to large sand-50% sandy clay
340	360	85% Gravel-15% Sandy clay
360	400	95% Gravel-5% Sandy clay

PLUGGING INTERVALS

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) June 10, 1989 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) June 15, 1989 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, Bureau of Water Protection, Topeka, Kansas 66620-7320. Telephone: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼