Lease: Haworth #4 Unit #2

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Stevens | Fraction: SE ¼ NW ¼ NW ¼ | Section Number: 25 | Township Number: T 34 S | Range Number: R 36 E(W)

Distance and direction from nearest town or city street address of well if located within city? From Liberal go West on Second Street Road 25 mi 2 mi North 1 mi East ¼mi South ½ mi East to location.

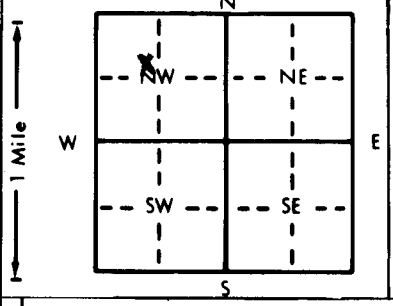
2 WATER WELL OWNER: Doris Morris Mobil Oil Corp.

RR#, St. Address, Box # : 112 West 9th Street

City, State, ZIP Code : Hugoton, Kansas 67951

Board of Agriculture, Division of Water Resources Application Number: T 87-93

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




4 DEPTH OF COMPLETED WELL 400 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 239 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 161 ft. below land surface measured on mo/day/yr 3/14/87

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 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 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 260 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 260 ft. to 400 ft., From ft. to ft.

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

GRAVEL PACK INTERVALS: From 220 ft. to 400 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? Southeast of water well How many feet? 145'

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|---|---|---|---|---|---|
| 0 | 2 | surface | | | |
| 2 | 23 | sandy clay | | | |
| 23 | 48 | caliche | | | |
| 48 | 97 | clay | | | |
| 97 | 126 | 20% clay & 80% med. to large sand | | | |
| 126 | 160 | clay | | | |
| 160 | 187 | 50% clay & 50% fine sand | | | |
| 187 | 258 | sandy clay | | | |
| 258 | 286 | 30% clay & 70% fine sand | | | |
| 286 | 293 | sandy clay | | | |
| 293 | 345 | 15% clay, 55% fine sand & 30% med. to large sand | | | |
| 345 | 400 | med. to large sand, gravel and clay spots | | | |

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) March 14, 1987 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) March 19, 1987 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: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼