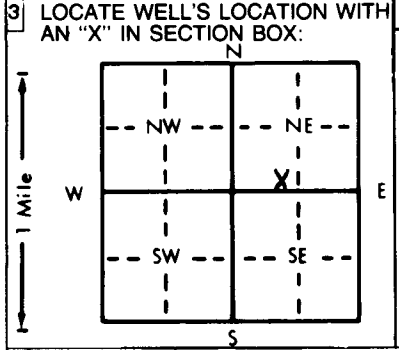


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|---|---|-----------------------------|----------------------------------|----------------------------------|
| 1 LOCATION OF WATER WELL: County: Grant | Fraction SE 1/4 SW 1/4 NE 1/4 | Section Number 32 | Township Number T 29 S | Range Number R 38W E/W |
|---|---|-----------------------------|----------------------------------|----------------------------------|

Distance and direction from nearest town or city street address of well if located within city? **Ulysses, Kansas - 7 miles West - 6 1/2 miles South - West into location.**

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| 2 WATER WELL OWNER: James & Lola F. Hickok RR#, St. Address, Box # : City, State, ZIP Code : Ulysses, KS | ARCO OIL & GAS COMPANY/ Exeter #1 Board of Agriculture, Division of Water Resources Application Number: T 88-378 |
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| 4 DEPTH OF COMPLETED WELL: 255' | ft. ELEVATION: |
| Depth(s) Groundwater Encountered 1. 83' ft. 2. ft. 3. ft. | |
| WELL'S STATIC WATER LEVEL 83' ft. below land surface measured on mo/day/yr 08/03/88 | |
| Pump test data: Well water was 130' ft. after 2 hours pumping 120 gpm | |
| Est. Yield 120 gpm: Well water was ft. after hours pumping gpm | |
| Bore Hole Diameter: 11 in. to 255' 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 X; If yes, mo/day/yr sample was submitted | |
| Water Well Disinfected? Yes X 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 6 5/8" in. to 155' ft., Dia. in. to ft., Dia. in. to ft. | | | |
| Casing height above land surface 28 in., weight 3.71 lbs./ft. Wall thickness or gauge No. 280 | | | |
| 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 155' ft. to 255' ft., From ft. to ft. | | | |
| GRAVEL PACK INTERVALS: From 22' ft. to 45' ft., From 55' ft. to 255' ft. | | | |

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| 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 45' ft. to 55' 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? Northwest How many feet? 3000' |

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|------|-----|---|------|----|----------------|
| 0 | 2 | Surface | | | |
| 2 | 8 | Sandy Clay | | | |
| 8 | 18 | Gravel | | | |
| 18 | 60 | Sandy Clay | | | |
| 60 | 80 | Med. to large sand | | | |
| 80 | 119 | Sandy Clay | | | |
| 119 | 150 | 60% Med. to large sand - 40% Blue Shale | | | |
| 150 | 240 | Med. to large sand | | | |
| 240 | 255 | Med. to large sand | | | |

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| 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) 08/03/88 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) 08/15/88 under the business name of Carlile Water Well Service, Inc. by (signature) _____ |
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