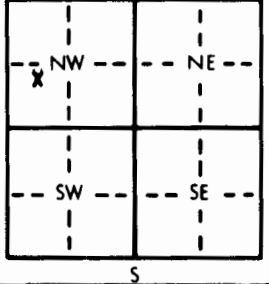


LOCATION OF WATER WELL: Seward Fraction NE 1/4 SW 1/4 NW 1/4 Section Number 34 Township Number T 32 S Range Number R 32 EW

Distance and direction from nearest town or city street address of well if located within city? From Liberal go East on Hwy 54 to Cimarron River Bridge then 4mi North 2mi West 1/2mi North East into location.

WATER WELL OWNER: Petroleum Inc. St. Address, Box #: 725 Stadium Road Board of Agriculture, Division of Water Resources State, ZIP Code: Liberal, Kansas 67901 Application Number: T 80-580

LOCATE WELL'S LOCATION WITHIN SECTION BOX: DEPTH OF COMPLETED WELL: 300 ft. ELEVATION: 208 ft. below land surface measured on 10/6/81



Depth(s) Groundwater Encountered 1. 92 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 208 ft. below land surface measured on 10/6/81 Pump test data: Well water was ft. after hours pumping gpm Est. Yield 60 gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 9 in. to 300 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

TYPE OF CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded

Casing diameter 5 in. to 220 ft., Dia. in. to ft., Dia. in. to ft. Casing height above land surface 28 in., weight 2.78 lbs./ft. Wall thickness or gauge No. 256

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

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 220 ft. to 300 ft., From ft. to ft. From ft. to ft. From ft. to ft.

GRAVEL PACK INTERVALS: From 120 ft. to 300 ft., From ft. to ft. From ft. to ft. From ft. to ft.

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. 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'

Table with columns FROM, TO, LITHOLOGIC LOG. Data: 0-2 surface, 2-63 clay, 63-187 medium to large sand, 187-268 fine sand with caliche mixed, 268-300 fine sand with clay streaks.

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) October 6, 1981 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) October 20, 1981 by the business name of Carlile Water Well Service, Inc by (signature) Edward E. Means

INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send two 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.

PETROLEUM **P** INCORPORATED
RECEIVED

MAY 27 1982

May 25, 1982

DIVISION OF ENVIRONMENT
OF & SO SEC.

Office of Health and
Environmental Protection
Forbes Field
Topeka, Kansas 66600

Dear Sir:

In October 1981, we had Carlile Water Well Service in Liberal,
drill a fresh water well in Seward County, which was located 880' FWL
and 1660' FNL, Sec. 34-32S-32W Seward County, Kansas.

This well was used for drilling operations and at the conclusion of
same the landowner, Mr. Grant Irwin, requested we leave the well as it
was for his use. This we did and this letter is to advise you that this
well is now his responsibility.

If any other data is required, please advise.

Respectfully yours,

PETROLEUM INC.

James R. Hatfield

James R. Hatfield
Office Manager

JH/vw

*Seward Co, Ks
32-32W-74 BCA*

Brinkley
POST OFFICE BOX 1255
LIBERAL, KANSAS 67801
316824-1000