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

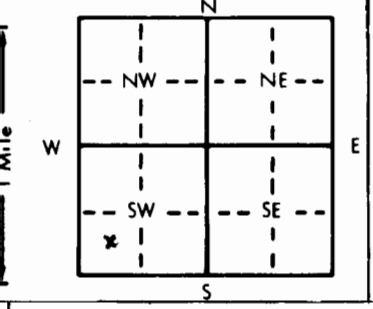
LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Seward	C ¼ SW ¼ SW ¼	8	T 34 S	R 34 E/W

Distance and direction from nearest town or city street address of well if located within city?
2 North of Liberal, KS, 6 3/4 west and north into.

WATER WELL OWNER: Petroleum Inc.
RR#, St. Address, Box # : P.O. Box 1255
City, State, ZIP Code : Liberal, KS 67901

Board of Agriculture, Division of Water Resources
Application Number: T84-921

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



4 DEPTH OF COMPLETED WELL 440 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 145 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 145 ft. below land surface measured on mo/day/yr 12-03-84
Pump test data: Well water was 155 ft. after 1 hours pumping 100 gpm
Est. Yield 100 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 9 7/8 in. to 440 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 X 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 X; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 1 Steel X 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 6 in. to 380 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 24 in., weight lbs./ft. Wall thickness or gauge No. .320

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile X 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 380 ft. to 440 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 300 ft. to 440 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: X Neat cement 2 Cement grout 3 Bentonite 4 Other Dirt
Grout Intervals: From 1 ft. to 15 ft., From 15 ft. to 100 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	20	Sand-Clay	420	440	12'Sand-Blue Clay
20	60	Clay			
60	80	Clay-Sandy Clay			
80	180	Sandy Clay			
180	200	Sandy Clay-6'Sand			
200	220	10'Sand			
220	240	6'Sand			
240	260	Sandy Clay			
260	300	Clay			
300	320	Clay-10'Sand			
320	340	12'Sand-Sandy Clay			
340	360	10'Sand-Sandy Clay			
360	380	10'Sand-Sandy Clay			
380	400	18'Sand-Sandy Clay			
400	420	Sand			

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) 12-03-84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWCL 430 This Water Well Record was completed on (mo/day/yr) 12-03-84 under the business name of Howard Drilling Company 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

5250

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼