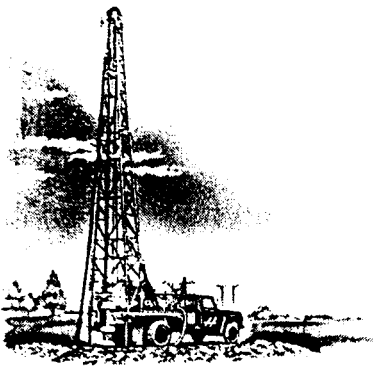


1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: <u>Morton</u>		NE 1/4 SW 1/4 SE 1/4		8		T 34 S		R 43 EW	
Distance and direction from nearest town or city street address of well if located within city?									
Approximately 6 miles west & 6 miles north of Elkhart, Ks.									
2 WATER WELL OWNER: Anadarko Production Co. MW #5 Deep									
RR#, St. Address, Box # : P. O. Box 351 Board of Agriculture, Division of Water Resources									
City, State, ZIP Code : Liberal, Ks. 67901 Application Number:									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:									
4 DEPTH OF COMPLETED WELL: 215 ft. ELEVATION:									
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.									
WELL'S STATIC WATER LEVEL App. 130 ft. below land surface measured on mo/day/yr 6-12-90									
Pump test data: Well water was ft. after hours pumping gpm									
Est. Yield gpm: Well water was ft. after hours pumping gpm									
Bore Hole Diameter .4 3/4 in. to 215 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 Monitoring well									
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted									
Water Well Disinfected? Yes No X									
5 TYPE OF BLANK CASING USED:									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped									
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded									
7 Fiberglass Threaded									
Blank casing diameter 2 in. to 215 ft., Dia in. to ft., Dia in. to ft.									
Casing height above land surface 12 in., weight 703 lbs./ft. Wall thickness or gauge No. 154									
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)									
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 160 ft. to 180 ft., From 210 ft. to 215 ft.									
From ft. to ft., From ft. to ft.									
GRAVEL PACK INTERVALS: From 20 ft. to 215 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 20 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 None observed									
Direction from well? How many feet?									
FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS									
See attached log									
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) 6/12/90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) June 29, 1990 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce J. Rasmussen									
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, Topeka, Kansas 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.									



# Henkle

## DRILLING & SUPPLY CO., INC.

3795 W. JONES AVE.  
316/277-2389  
FAX/277-0224

P.O. Box 639  
GARDEN CITY, KANSAS 67846

CUSTOMER'S NAME Anadarko Petriloelum Corp. DATE June 12, 1990  
STREET ADDRESS P. O. Box 351 TEST # 5 Deep E. LOG Yes  
CITY & STATE Liberal, Ks. 67901 DRILLER Shelden  
COUNTY Morton QUARTER SE SECTION 8 TOWNSHIP 34 RANGE 43

LOCATION \_\_\_\_\_

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>Approx. 130'</u>	
	From	Pay	To		Proposed Well Depth:	<u>215'</u>
	0		2	Top soil		
	2		4	Brown sandy clay		
	4		9	Sand fine to medium coarse small gravel		
	9		84	Brown sandy clay & cemented sand streaks with brown sandy clay & few fine sand streaks		
	84		106	Sand fine to medium coarse cemented in places & some clay streaks		
	106		132	Brown sandy clay & some small sand streaks		
	132	21	153	Sand fine to medium		
	153		158	Brown sandy clay		
	158	23	181	Sand fine to medium		
	181		211	Brown sandy clay & some fine sand streaks		
	211		215	Red bed		
				2" PVC		
				Perf	Plain	
	215	-	210	5'		
	210	-	180		30'	
	180	-	160	20'		
	160	-	0		160'	
			Total	25'	190'	
				Airlift from 7:45 A.M. to 10:15		
				1 - 50 pound Bag Quick Gel		
				2 - 50 pound Bags Hole Plug		
				2 - 2" PVC caps		
				Well depth = 215'		