

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: Pratt		NE 1/4 NE 1/4 NE 1/4	35	T 27 S	R 12 EW

Distance and direction from nearest town or city street address of well if located within city?

2 mi W, 1 mi N of Cairo

2 WATER WELL OWNER: KGS/GWMD#5		Board of Agriculture, Division of Water Resources
RR#, St. Address, Box # :		Application Number:
City, State, ZIP Code :		

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL... 94 ... ft. ELEVATION: 1736.6	
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.	
		WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr	
		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: 9-7/8 .in. to 94 .ft., and .in. to .ft.		WELL WATER TO BE USED AS:	
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)		5 Public water supply 8 Air conditioning 11 Injection well	
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	

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 5 .in. to 89 .ft., Dia				
Casing height above land surface 16 .in., weight		lbs./ft. Wall thickness or gauge No. SDR 21		
TYPE OF SCREEN OR PERFORATION MATERIAL:		2 PVC		
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)		10 Asbestos-cement		
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 89 .ft. to 94 .ft., From				
GRAVEL PACK INTERVALS: From 84 .ft. to 94 .ft., From				

6 GROUT MATERIAL: Neat cement 2 Cement grout 3 Bentonite 4 Other	
Grout Intervals: From 22 .ft. to 84 .ft., From 0 .ft. to 10 .ft., From	
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? How many feet?	

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See log from Site #49(1)	17		
			03		
			17		
			01		
			17		
			01		
			05		
			04		
			01		
			17		
			01		
			17		
			02		
			19		

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) 10/26/82 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) 3/30/83 under the business name of by signature Patrick M. Cobb	
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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.

OFFICE USE ONLY
T
27
R
12
EW
SEC. 35
NE 1/4
NE 1/4
NE 1/4

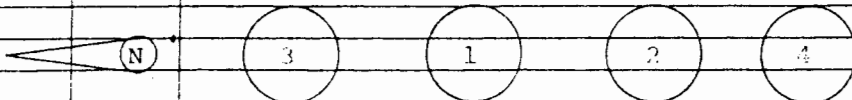
BIG BEND GMD#5-KGS
WATER QUALITY
OBSERVATION WELL
NETWORK

SITE NUMBER : 49
SITE LOCATION: NE NE NE

LEGAL LOCATION: 35-27-12W
COUNTY : PRATT

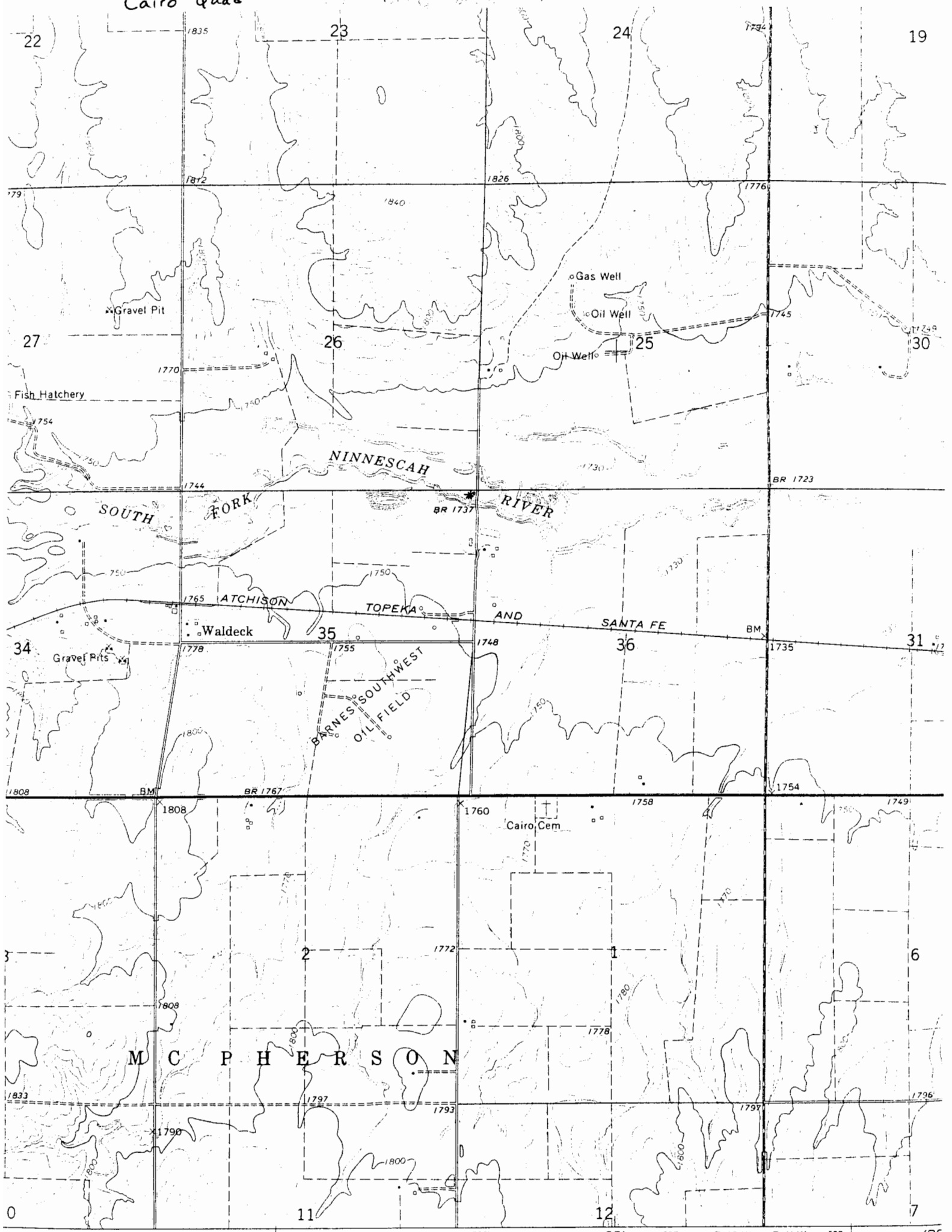
WELL LOG

FROM	TO	LITHOLOGIC LOG	OWNER: BURGNER
0	1	brown top soil	
1	5	sand and gravel (.5-3 mm); pebbles up to 2.5 cm	
5	13	silty clay, dark grey, sandy	
13	22½	clay, dark grey; some yellow streaks, little or no silt	
22½	23½	same clay, sandy	
23½	29	sand (1-2 mm); trace of gray clay	
29	32	sand and gravel	
32	34	sand (.5-2 mm)	
34	38	sand and gravel with cobbles and pebbles infered	
38	40	sand (.5 mm) and tan clay	
40	40.1	cobble zone	
40.1	44	sand (.25 mm); mostly tan clay	
44	45½	sand (.25-1 mm)	
45½	46	clay	
46	49	sand, gravel and cobbles	
49	59	same	
59	64	same	
64	67	sand (1 mm)	
67	72	clay, tan-gray; possibly some caliche streaks	
72	74	sand (½-2 mm)	
74	75	sand (.5 mm)	
75	79	sand and cly matrix	
79	83	clay, light gray	
83	89	sand and gravel (.5-3 mm); cobbles at 84'	
89	96	sand and gravel	
96	97	cobbles and gravel	
97	101	pink clay with caliche	
101	104	sand and gravel (.25-3 mm)	
104	108 106	same; cobble zone at 107½'	
106	110	clay, pink to red; some caliche <i>Bedrock</i>	
110	115	weathered red bed; siltstone, crunchy	
115	134	unweathered red bed; crunchy: evaporites or caliche - PERMIAN	



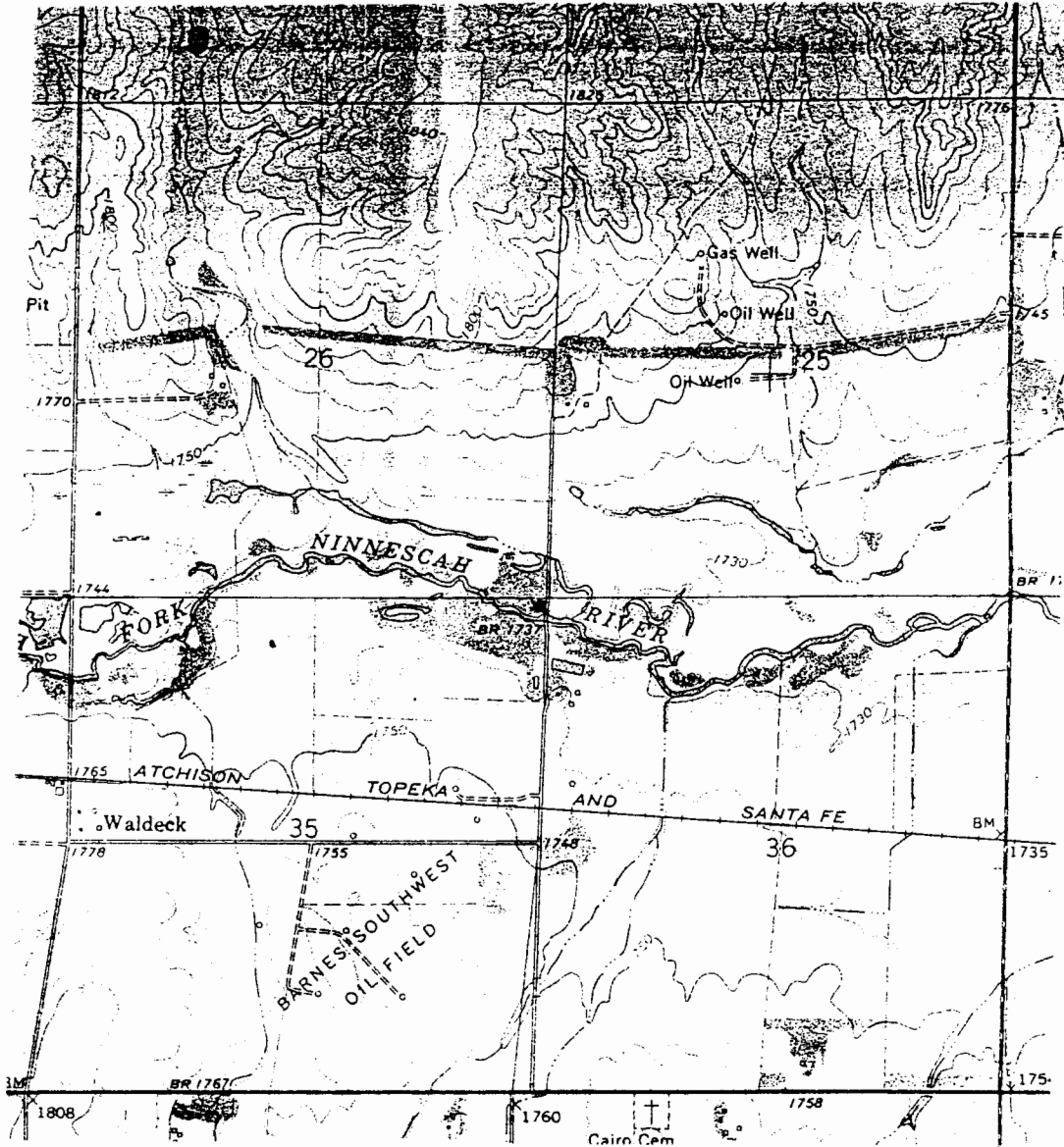
TD=56'	TD=121'	TD=94'	TD=32'
51'5"	116'5"	89'5"	27'5"

Cairo Quas



SITE NUMBER : 49
SITE LOCATION : NE NE NE
LEGAL LOCATION: 35-27-12W
COUNTY : PRATT

LANDOWNER: CHARLES BURGNER
ADDRESS :
PHONE NO.:



WELL LOCATION ✖