

$\frac{1}{4}$

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

SITE NUMBER : 42

LEGAL LOCATION: 1-28-13W

SITE LOCATION: ~~SE SW NW~~

COUNTY : PRATT

CBA corrected 8-6-87

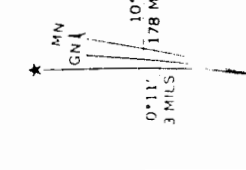
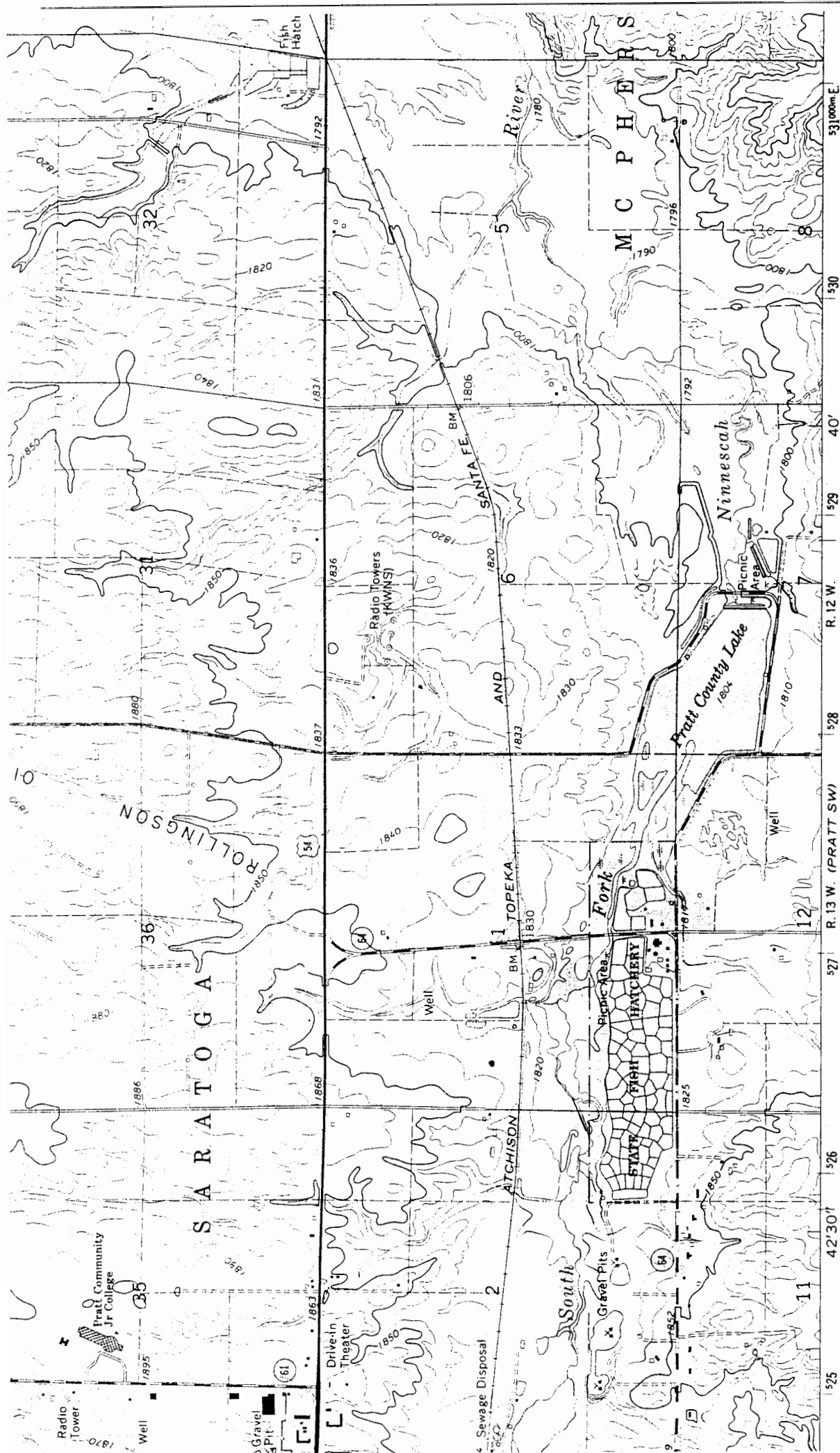
## WELL LOG

| FROM               | TO                  | LITHOLOGIC LOG                                                                           | OWNER: |
|--------------------|---------------------|------------------------------------------------------------------------------------------|--------|
|                    |                     | HILLARD                                                                                  |        |
| 0                  | 6                   | dark brown slightly sandy clay (soil)                                                    |        |
| 6                  | 17                  | light brown silty clay, some caliche stringers,<br>not much sand, fairly loose clay      |        |
| 17                 | 18                  | fine to medium sand                                                                      |        |
| 18                 | 25                  | dark brown sandy clay                                                                    |        |
| 25                 | 29                  | coarse sand and gravel                                                                   |        |
| 29                 | 33                  | tan sandy clay                                                                           |        |
| 33                 | 35                  | sand and gravel                                                                          |        |
| 35                 | 40                  | dark grey-brown clay, little silt; interbedded<br>with orange-brown silty clay           |        |
| 40                 | 43                  | sandy clay, same color as before                                                         |        |
| 43                 | 109                 | gravel and sand, very coarse; some clay layers<br>possible clay layer from 103' to 109'  |        |
| 109                | 110                 | possible lime layer                                                                      |        |
| 110                | 113                 | yellow-tan silty clay                                                                    |        |
| 113                | 114                 | more lime                                                                                |        |
| 114                | 117                 | clay, same as from 110' to 113'                                                          |        |
| 117                | 121                 | coarse sand and gravel, not much quartz                                                  |        |
| 121                | 123                 | tan silty clay                                                                           |        |
| 123                | 158                 | lime and clay like before, becoming dark grey<br>slightly silty clay, partially cemented |        |
| 158                | <del>164</del> /160 | sand and gravel interbedded with flesh colored<br>slightly sandy clay                    |        |
| <del>160-164</del> | 183                 | red shale--PERMIAN                                                                       |        |

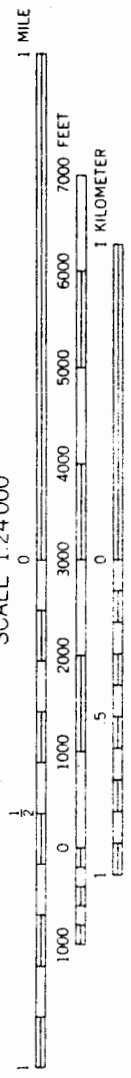
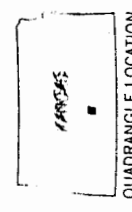
(N) ↗

③      ②      ①

|                    |                    |                    |
|--------------------|--------------------|--------------------|
| TD=108'<br>103'/5' | TD=162'<br>157'/5' | TD=183'<br>178'/5' |
|--------------------|--------------------|--------------------|



He Me



CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

## PRATT Quadrangle

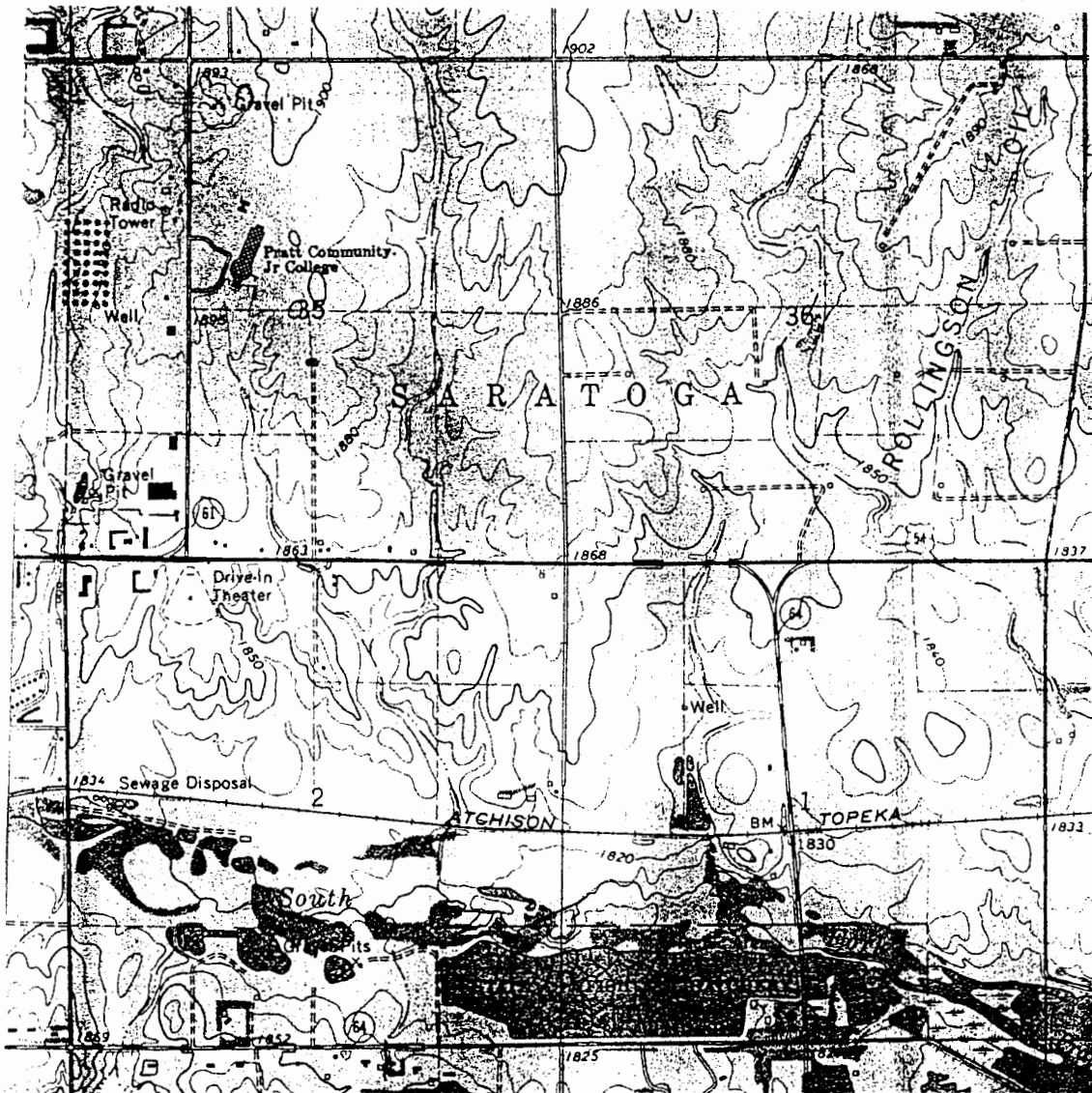
10 AND 1968 MAGNETIC NORTH  
VARIATION AT CENTER OF SHEET

THIS MAP COMPIES WITH NATIONAL MAP ACCURACY STANDARDS

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FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225. OR WASHINGTON, D. C. 20242

SITE NUMBER : 42 CBA  
SITE LOCATION : SE SW 1/4  
LEGAL LOCATION : 1-28-13W  
COUNTY : PRATT

LANDOWNER: VERNON HILLARD  
ADDRESS : RT. 1  
PRATT, KS  
PHONE NO.: (316)-672-6177



WELL LOCATION X