

Address Box 2180 - Houston, Texas.

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                   |
|------|------|----------------------|-----------------------------|
| 0    | 58   | 58                   | limestone                   |
| 58   | 98   | 40                   | limestone shell             |
| 98   | 100  | 2                    | limestone                   |
| 100  | 161  | 61                   | limestone                   |
| 161  | 171  | 10                   | red sand & hard sand        |
| 171  | 346  | 175                  | red sand                    |
| 346  | 507  | 161                  | limestone & gravel          |
| 507  | 617  | 110                  | limestone                   |
| 617  | 806  | 189                  | limestone & shells          |
| 806  | 974  | 168                  | red sand                    |
| 974  | 1063 | 89                   | limestone & shells          |
| 1063 | 1130 | 67                   | limestone                   |
| 1130 | 1145 | 15                   | limestone & anhydrite       |
| 1145 | 1170 | 25                   | limestone                   |
| 1170 | 1182 | 12                   | limestone                   |
| 1182 | 1195 | 13                   | limestone & streaks of sand |
| 1195 | 1230 | 35                   | anhydrite                   |
| 1230 | 1315 | 85                   | limestone & shells          |
| 1315 | 1386 | 71                   | limestone                   |
| 1386 | 2030 | 644                  | limestone & shells          |
| 2030 | 2608 | 578                  | limestone                   |
| 2608 | 3180 | 572                  | anhydrite & sand            |
| 3180 | 3212 | 32                   | anhydrite & streaks of lime |
| 3212 | 3286 | 74                   | anhydrite                   |
| 3286 | 3327 | 41                   | anhydrite & lime            |
| 3327 | 3354 | 27                   | anhydrite & streaks of lime |
| 3354 | 3450 | 96                   | limestone                   |
| 3450 | 3720 | 270                  | limestone                   |
| 3720 | 3880 | 160                  | lime                        |

to 100 ft.

HUMBLE OIL & REFINING COMPANY'S

Humble State Agency A

SW 1/4, Section 31, Township 30 South,  
Range 37 East, Lea County, New Mexico

DEVIATION SURVEY

|              |       |                           |
|--------------|-------|---------------------------|
| Byfo test at | 121'  | - Hole straight           |
| " " "        | 300'  | - Deviation one degree    |
| " " "        | 620'  | - Deviation one degree    |
| " " "        | 740'  | - Deviation 1/2 degree    |
| " " "        | 880'  | - Hole straight           |
| " " "        | 1080' | - Deviation one degree    |
| " " "        | 1100' | - Deviation 1-1/2 degrees |
| " " "        | 1400' | - Deviation one degree    |
| " " "        | 1650' | - Deviation one degree    |

DRILL STEM TEST -- None