

COMPANY Humble Oil & Ref Co

**RECEIVED**

SECRET

FILED *Emerson 8660*

**SURVEY TABULATION SHEET JAN 2.6 1961**

JOB NO. 331-101-240

Black Bluffs Road Unit #19 990/5 16504 16-18-27 1st BUN

147 RUN

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U. S. DEPT. OF JUSTICE  
ARTESIA, OFFICE

DATE 12-9-60

COUNTY OR PARISH

| SIGHT                                   | MEASURED DEPTH |       | VERTICAL DEPTH |       | DIRECTION OF INCLINATION |           | ANGLE OF INCLINATION | 100' COURSE DISPLACEMENT |       |      |      | MEASURED COURSE DISPLACEMENT |       |      |      | TOTAL DISPLACEMENT |       |      |      |
|-----------------------------------------|----------------|-------|----------------|-------|--------------------------|-----------|----------------------|--------------------------|-------|------|------|------------------------------|-------|------|------|--------------------|-------|------|------|
|                                         | OBSERVED       | TOTAL | COURSE         | TOTAL | OBSERVED                 | CORRECTED |                      | NORTH                    | SOUTH | EAST | WEST | NORTH                        | SOUTH | EAST | WEST | NORTH              | SOUTH | EAST | WEST |
| 11-50-40                                | 50             | 1550  |                |       | Assumed                  | 12°       | 15°                  |                          |       |      |      |                              |       |      |      |                    |       |      |      |
| 11-51-00                                | 50             | 1600  | N              | 72    | W                        | N         | 60                   | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-51-20                                | 200            | 1200  | N              | 68    | W                        | N         | 58                   | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-51-40                                |                | 2000  | N              | 52    | W                        | N         | 44                   | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-52-00                                |                | 2000  | N              | 27    | W                        | N         | 15                   | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-52-20                                |                | 2400  | N              | 2     | W                        | N         | 10                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-52-40                                |                | 2400  | N              | 16    | E                        | N         | 28                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-53-00                                |                | 2400  | N              | 44    | E                        | N         | 56                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-53-20                                |                | 2000  | N              | 40    | E                        | N         | 52                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-53-40                                |                | 3200  | N              | 37    | E                        | N         | 39                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-54-00                                |                | 3400  | N              | 50    | E                        | N         | 62                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-54-20                                |                | 3600  | N              | 35    | E                        | N         | 47                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-54-40                                |                | 3500  | N              | 40    | E                        | N         | 52                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-55-00                                |                | 4000  | N              | 10    | E                        | N         | 22                   | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-55-20                                |                | 4200  | N              | 24    | W                        | N         | 12                   | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-55-40                                |                | 4400  | N              | 26    | W                        | N         | 14                   | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-56-00                                |                | 4800  | N              | 25    | W                        | N         | 13                   | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-56-20                                |                | 4800  | N              | 28    | W                        | N         | 11                   | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-56-40                                |                | 5000  | N              | 20    | W                        | N         | 8                    | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-57-00                                |                | 5100  | N              | 18    | W                        | N         | 6                    | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-57-20                                |                | 5200  | N              | 16    | W                        | N         | 4                    | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-57-40                                |                | 5300  | N              | 13    | W                        | N         | 1                    | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-58-00                                |                | 5400  | N              | 15    | W                        | N         | 3                    | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-58-20                                |                | 5500  | N              | 15    | W                        | N         | 3                    | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-58-40                                |                | 5600  | N              | 15    | W                        | N         | 3                    | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-59-00                                |                | 5700  | N              | 15    | W                        | N         | 3                    | W                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-59-20                                |                | 5800  | N              | 11    | W                        | N         | 1                    | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 11-59-40                                |                | 5900  | N              | 10    | W                        | N         | 2                    | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| 12-00-00                                | 50             | 5950  | N              | 8     | W                        | N         | 4                    | E                        | 15    |      |      |                              |       |      |      |                    |       |      |      |
| Horizontal Dist. = 174.85' HT N 1°46' W |                |       |                |       |                          |           |                      |                          |       |      |      |                              |       |      |      |                    |       |      |      |