

Reproduced By  
West Texas Electrical Log Service  
1305 Commerce Street  
Dallas 1, Texas

REFERENCE N° A 3152 -A

37-21-34

PERFORATING GUNS ATLAS CORP.  
**SIMULTANEOUS RADIATION LOG**  
NATURAL GAMMA RADIATION INDUCED NEUTRON RADIATION

|                        |         |                           |          |            |         |
|------------------------|---------|---------------------------|----------|------------|---------|
| LOCATION               | COMPANY | GULF OIL CORPORATION      |          |            |         |
|                        | WELL    | BELL RAMSEY #11           |          |            |         |
|                        | FIELD   | MONUMENT                  |          |            |         |
|                        | COUNTY  | LEA                       | TATE     | NEW MEXICO |         |
|                        | SECTION |                           | TOWNSHIP |            |         |
|                        | SURVEY  |                           | BL. & M. |            |         |
| LOG NO. 8208           |         |                           |          |            |         |
| LOG MEASURED FROM      |         | 1' ABOVE ROTARY TABLE     |          | ELEVATION  | DF 3521 |
| DRILLING MEASURED FROM |         | SAME                      |          | ELEVATION  |         |
| PERMANENT DATUM        |         | 13.65' ABOVE GROUND LEVEL |          | ELEVATION  |         |

|                                |                |               |
|--------------------------------|----------------|---------------|
| TYPE OF LOG                    | GAMMA RAY      | BRONS NEUTRON |
| RUN NUMBER                     | ONE            | ONE           |
| DATE                           | 6-21-54        | 6-21-54       |
| TOTAL DEPTH (DRILLER)          | 3680           | 3680          |
| EFFECTIVE DEPTH P. G. A. C.    | 3682           | 3682          |
| TOP OF LOGGED INTERVAL         | 100            | 100           |
| BOTTOM OF LOGGED INTERVAL      | 3677           | 3681          |
| TYPE FLUID IN HOLE             | SALT WATER MUD |               |
| FLUID LEVEL                    | FULL           | FULL          |
| MAXIMUM RECORDED TEMP.         |                |               |
| O. D. OF INSTRUMENT — INCHES   | 3 5/8          | 3 5/8         |
| TIME CONSTANT — SECONDS        | 5-3            | 5-3           |
| LOGGING SPEED — FEET/MINUTE    | 15-60          | 15-60         |
| STATISTICAL VARIATION — INCHES |                |               |
| RECORDED BY                    | GOWIN          |               |
| WITNESSED BY                   | STACH          |               |

| CASING RECORD |           |             |                 | OPEN HOLE RECORD |           |             |          |
|---------------|-----------|-------------|-----------------|------------------|-----------|-------------|----------|
| RUN NO.       | SIZE, IN. | WEIGHT, LB. | INTERVAL        | RUN NO.          | SIZE, IN. | WEIGHT, LB. | INTERVAL |
| ONE           | 9 5/8     |             | SURFACE TO 450  | ONE              | 6 1/8     | 3538        | TO 3682  |
| ONE           | 7         |             | SURFACE TO 3538 |                  |           |             |          |

REMARKS AND OTHER DATA

SENS. 130 2.58" 100 STANDARD UNITS IN OPEN HOLE WITH .645 FACTOR  
SENS. 201 4.00" 100 STANDARD UNITS IN CSG. WITH 1.0 FACTOR

0-10-54  
J. H. STACH  
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