

SCHLUMBERGER**SONIC LOG**SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

| | | | | |
|---|------------------------|---------------------------------|----------------------------------|--|
| COUNTY LEA FIELD or LOCATION UNDESIGNATED WELL # 1 GULF STATE COMPANY COASTAL STATES GAS PRODUCING COMPANY | COMPANY COASTAL STATES | | Other Surveys LL, MLL | |
| | GAS PRODUCING COMPANY | | Location of Well | |
| | WELL # 1 GULF STATE | | 1980' FROM N/L 2310' FROM W/L | |
| | FIELD UNDESIGNATED | | <i>Ex 2</i> | |
| LOCATION SEC. 20-17S-36E | | <i>Cx 2723</i> | | |
| COUNTY LEA | | Elevation: K.B.: 3890.2 | | |
| STATE NEW MEXICO | | D.F.: 3888.7 or G.L.: 3875.8 | | |

| | | | | |
|-------------------------------------|------------------|-----------|----------------|-----------|
| Log Depths Measured From | | KB | 14.4 Ft. above | GL |
| RUN No. | ONE | | | |
| Date | 8-6-63 | | | |
| First Reading | 9229 | | | |
| Last Reading | 0 | | | |
| Feet Measured | 9229 | | | |
| Csg. Schlum. | 3523 | | | |
| Csg. Driller | 3520 | | | |
| Depth Reached | 9238 | | | |
| Bottom Driller | 9235 | | | |
| Mud Nat. | SALT GEL, STARCH | | | |
| Dens. | 9.1 | 35 | | |
| Mud Resist. | .073 @ 80 °F | @ °F | @ °F | @ °F |
| " Res. BHT | .048 @ 130 °F | @ °F | @ °F | @ °F |
| " pH | 6.0 @ °F | @ °F | @ °F | @ °F |
| " Wtr. Loss | 9.4 CC 30 min | CC 30 min | CC 30 min | CC 30 min |
| " Rmf | .067 @ 80 °F | @ °F | @ °F | @ °F |
| Bit Size | 7 7/8" | | | |
| Spacing: | | | | |
| T 3 R ₁ 1 R ₂ | CSG. To TD | To | To | To |
| T R ₁ R ₂ | To | To | To | To |
| Opr. Rig Time | 3 HOURS | | | |
| Truck No. | 3701-HOBBS | | | |
| Recorded By | BROWN | | | |
| Witness | STATON | | | |

SCHLUMBERGER**LATEROLOG**SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, TexasCOUNTY LEA
FIELD or LOCATION UNDESIGNATED
WELL # 1 GULF STATE
COMPANY COASTAL STATES GAS
PRODUCING COMPANY PRODUCING COMPANYCOMPANY COASTAL STATES

GAS PRODUCING COMPANY

WELL # 1 GULF STATEFIELD UNDESIGNATEDLOCATION SEC. 20-17S-36ECOUNTY LEASTATE NEW MEXICOOther Surveys
SGR, MLL

Location of Well

1980' FROM N/L
2310' FROM W/L*Ex 3**Qs 2703*Elevation: K.B. 3890.2
D.F. 3888.7
or G.L. 3875.8Log Depths Measured From KB 14.4 Ft. above GL

| | | | |
|----------------|------------------|-----------|-----------|
| RUN No. | ONE | | |
| Date | 8-6-63 | | |
| First Reading | 9233 | | |
| Last Reading | 8800 | | |
| Feet Measured | 433 | | |
| Csg. Schlum. | - | | |
| Csg. Driller | 3520 | | |
| Depth Reached | 9238 | | |
| Bottom Driller | 9235 | | |
| Mud Nat. | SALT GEL, STARCH | | |
| Dens. | Visc. | 9.1 | 35 |
| Mud Resist. | .073 | @ 80 °F | @ °F |
| " Res. BHT | .048 | @ 130 °F | @ °F |
| " pH | 6.0 | @ °F | @ °F |
| " Wtr. Loss | 9.4 | CC 30 min | CC 30 min |
| " Rmf | .067 | @ 80 °F | @ °F |
| " Rmc | - | @ °F | @ °F |
| Bit Size | 7 7/8" | | |
| Laterolog 3 | a = 6" | ;L = 5' | a = ;L = |
| Laterolog 7 | a = | ;n = | a = ;n = |
| Opr. Rig Time | 1 HOUR | | |
| Truck No. | 3701-HOBBS | | |
| Recorded By | BROWN | | |
| Witness | STATON | | |

SCHLUMBERGER**MICROLATEROLOG**

SCHLUMBERGER WELL SURVEYING CORPORATION

Houston, Texas

| | | | |
|---|--|------------------------------|---|
| COUNTY LEA FIELD or LOCATION UNDESIGNATED WELL # 1 GULF STATE COMPANY COASTAL STATES GAS PRODUCING COMPANY | COMPANY <u>COASTAL STATES GAS</u> | | Other Surveys SGR, LL |
| | PRODUCING COMPANY | | Location of Well 1980' FROM N/L 2310' FROM W/L <i>Ex 1</i> <i>Cs 2 103</i> |
| | WELL # 1 GULF STATE | | |
| | FIELD UNDESIGNATED | | |
| | LOCATION SEC. 20-17S-36E | | |
| COUNTY LEA | | Elevation: D.F.: 3888 | |
| STATE NEW MEXICO | | K.B.: 3890 or G.L.: 3875 | |

Log Depths Measured From KB 14.4 Ft. above GL

| | | | |
|-----------------------|------------------|-----------|-----------|
| RUN No. | ONE | | |
| Date | 8-6-63 | | Station |
| First Reading | 9237 | | |
| Last Reading | 8200 | | |
| Feet Measured | 1037 | | |
| Depth Reached | 9238 | | |
| Bottom Driller | 9235 | | |
| Mud Mat. | SALT GEL, STARCH | | |
| Dens. | 9.1 | 35 | |
| Mud Resist. | .073 @ 80 °F | @ °F | @ °F |
| " Res. BHT | .048 @ 130 °F | @ °F | @ °F |
| " pH | 6.0 @ °F | @ °F | @ °F |
| " Wtr. Loss | 9.4 CC 30 min | CC 30 min | CC 30 min |
| " Rmf | .067 @ 80 °F | @ °F | @ °F |
| " Rmc | - @ °F | @ °F | @ °F |
| Bit Size | 7 7/8" | | |
| Sonde Type | PML-B | | |
| Pad Type | HYDRAULIC | | |
| Opr. Rig Time | 2 HOURS | | |
| Truck No. | 3701-HOBBS | | |
| Recorded By | BROWN | | |
| Witness | STATON | | |