



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS
WATER ANALYSIS

RECEIVED

MAR 25 1977

Minerals Management Inc.

File WA - 5

Company Dome Petroleum Corp. Well Name Sante Fe 20 No. 1 Sample No. SS-2
Formation _____ Depth _____ Sampled From _____
Location Sec 20 T 21N R 8W Field _____ County San Juan State N.M.
Date Sampled 3-9-77 Date Analyzed 3-13-77 Engineer RGC

Total Dissolved Solids 11,114.5 mg/L

Sp. Gr. 1.009 @ 70 °F.

Resistivity 1.0 ohm-meters @ 70 °F.

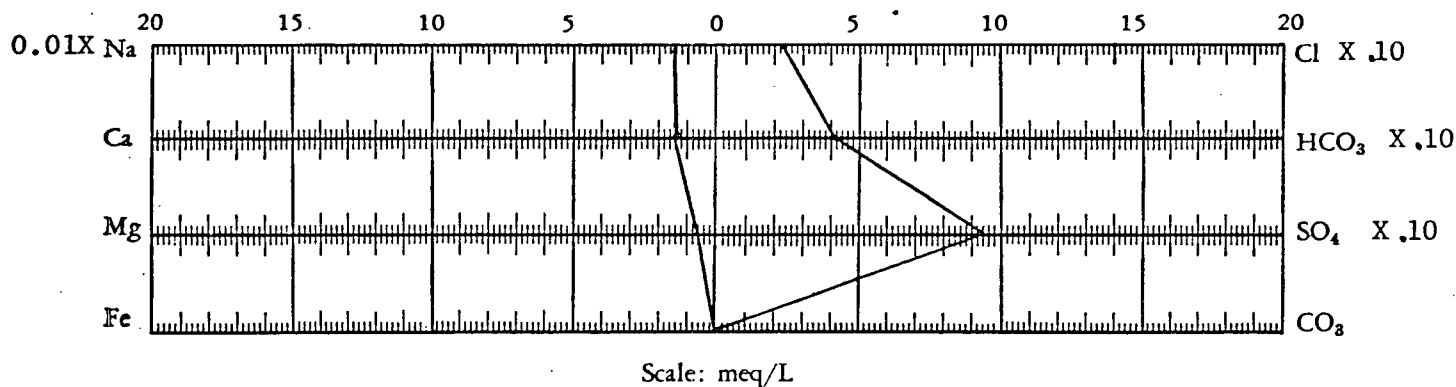
Hydrogen Sulfide Present

pH 7.73

Constituents	meq/L	mg/L
Sodium	<u>140.44</u>	<u>3228.7</u>
Calcium	<u>1.35</u>	<u>27.0</u>
Magnesium	<u>0.73</u>	<u>8.9</u>
Iron	<u>0.03</u>	<u>0.9</u>
Barium	<u>ND</u>	<u>ND</u>

Constituents	meq/L	mg/L
Chloride	<u>25.47</u>	<u>903.0</u>
Bicarbonate	<u>41.73</u>	<u>2546.0</u>
Sulfate	<u>91.61</u>	<u>4400.0</u>
Carbonate	<u>ND</u>	<u>ND*</u>
Hydroxide	<u>ND</u>	<u>ND</u>

*ND = Less than 0.1 mg/L



All analyses except iron determination performed on a filtered sample.

FIELD: SNAKE EYES ENTRADA

WELL & NO.: SANTA FE 20-2

DATE SPUDDED: MAY 22, 1977

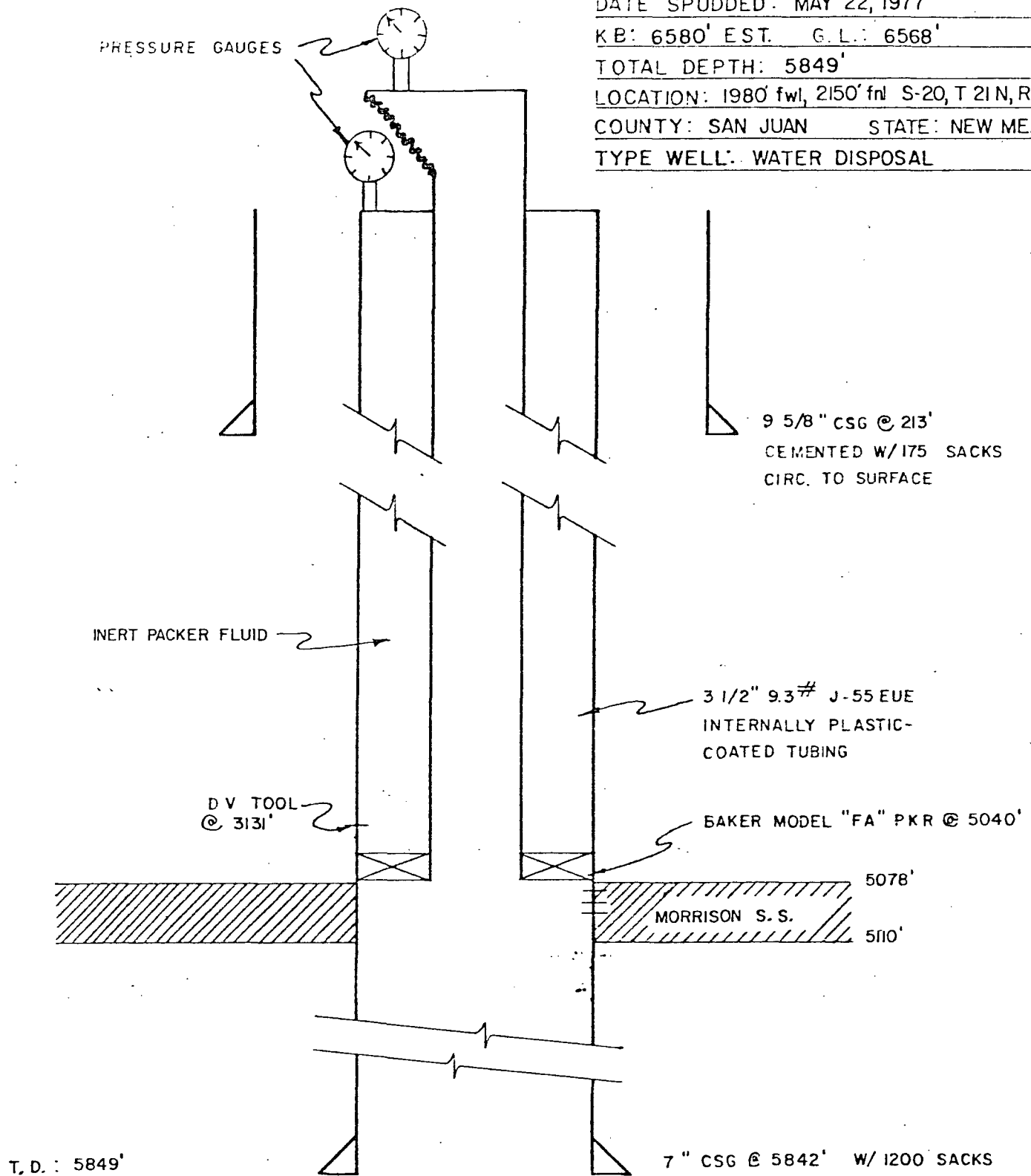
KB: 6580' EST. G.L.: 6568'

TOTAL DEPTH: 5849'

LOCATION: 1980' fwl, 2150' fnl S-20, T 21N, R8W

COUNTY: SAN JUAN STATE: NEW MEX.

TYPE WELL: WATER DISPOSAL



DOME PETROLEUM CORP.

WELL BORE SCHEMATIC

SCALE: NONE

DRAWN BY: W E B CHECKED BY: