172 17. expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions 4339.0-40.0 4338.0-39.0 0.1 <0.4 • ↓ 17.8 থ • 68.7 707 1 DOL DOL,STY

02.02 02 ରୁ ଅଟେ ଅନ୍ତର ଅନ୍ତର 05 05 05 05 / 65 65 69 NUMBER SAMPLE 170 24 5 6 6 9 6 167 366 50 20 162 162  $\sim \circ$ 161 160 200 200 200 202 202 14 (月 (月 4134 计图码 102 101 150 14920 CORE NO. 6 4336.0-37.0 4337.0-38.0 4335.0-36.0 4334.0-35.0 4333.0-34.0 A332.0-33.0 4331.0-32.0 4330.0-31.0 4329.0-30.0 4328.0-29.0 4327.0-28.0 4326.0-27.0 4325.0-26.0 4324.0-25.0 4323.0-24.0 4322.0-23.0 4321.0-22.0 4320.0-21.0 4319.0-20.0 4318.0-19.0 4317.0-18.0 4316.0-17.0 4315.0-16.0 -----DEPTH 4335.0-4394.0 PERM, TO MAXIMUM <0.1 ∧ (1 0 ± • • N N N N N N N  $\wedge 0 \cdot 1$ 0000 0+4 **○•** ∧ 0.1 0.7 <0.1 ः छ 0 • N ੇ ਹ ំំំំំំ សំផ 0.3 ATR 90 0 000 •••• ААА 00000нн 4 ннн 4 6 9 0.1 CUT N ∺-<0 0 ↓ 2 1 (). 1 ំខ 0,4 ≈ ≈ 0 • 1 0.2 ≫ ः भ DEG (MD) 59' REC 10000 1000 1000 1000 11.6 6.1 7.1 11.2 ्र • दा ы сл сл м м сл м м сл м ে এ • • ৯ • A + 3 ងផ្ស សហស POR. е N љ N N N 8•0 1. 0 (1 9 2 9 150 150 150 150 30.4 1 N • 0 ∺ ≎ © មុំ ភ្មំ ហំម 24.7 16.7 26.5 18.4 19.7 42.9 18.9 FLUID ం • ం 12.7 17.8 7.3 • • ං • N OTL © © © A © G © © A ⊷ G G N 47.5 (미 년 년 (대 년 (대 년 (대 년) 21.9 37.5 61.8 30.6 70+2 34 • 3 27.3 45.9 SATS. 57.1 01. 01. 50°• 4 33. 3 23.6 47.6 72.8 200. 0 29+6 WTR 38.0 N N • 6 • 6 • 6 N N N V 8 8 V 8 8 V 8 8 NNNN • • • • © © © © © © © © © © 2.79 2.86 20.5 GRAIN N N N • • • © 0 00 0 H N 2.81 DEN DOL , SHR, DOL DOL, OOL, SHR DOL, ANHY, SLIF, STY SD, DOL, ANHY DOL,ANHY,SDY,V/F DOL, ANHY, SDY JOL, ANHY, SDY DGL,ANHY,SDY,U/F TOL , ANHY, OOL DUL, ANHY, OUL DOL, ANHY, COL, STY DOL,ANHY,OOL,STY DOL , ANHY, OOL DUL , ANHY, STY DOL,ANHY,F DOL, ANHY, SL/F DOL, ANHY, STY DOL,ANHY,F AHNU & TOR DOL , ANHY DOL, ANHY DOL / ANHY DESCRIPTION

LOCATION DRLG. FLUID: FORMATION DATE Petroleum Reservoir Engineering **\*** 3 DALLAS, TEXAS 1110' FSL SALT BASE GRAYBURG 5-6-79 MUD & 1290' FWL,

E. VACUUM GRAYBURG S.A. UNIT 3229-005

PHILLIPS PETROLEUM CO.

E. VACUUM GRAYBURG SAN ANDRES FIELD

T-17-5, R-35-E, SUR ELEVATION: 3965/ GL ANALYSTS FILE NO 3202-11118

FULL DIAMETER ANALYSIS

SEC: 32,

くくさた てんじくさん くだいたい こういい