

J. CLEO THOMPSON, SR. & JAMES CLEO THOMPSON, JR.

OIL PRODUCERS

12TH FLOOR KIRBY BUILDING

DALLAS 1, TEXAS

March 21, 1963

H. L. Brown

Box 971

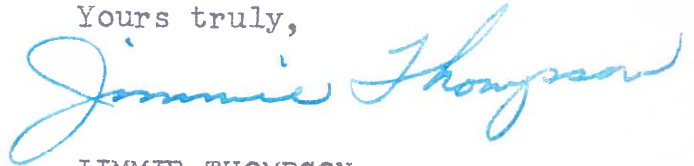
Crane, Texas

Dear Mr. Brown:

You will find enclosed herewith calculations made from the core data on the USA Etz No. 3.

Please kindly staple these in the back of your core analysis, which you received several months ago.

Yours truly,



JIMMIE THOMPSON

JT/lc

Encl.

cc: Mr. Bob Johnson

Box 8

Loco Hills, New Mexico

Case No. 20253

SEGURO OIL & GAS  
Exhibit #12

J. CLEO THOMPSON - USA ETZ NO. 3

CORED 3385' - 3700'

---

FEET OF CORE RECOVERED FROM ABOVE INTERVAL:	315'
FEET OF CORE INCLUDED IN AVERAGES:	38.50
AVERAGE PERMEABILITY      MAX. (Millidarcys)              90°	.33 .09
AVERAGE POROSITY: PER CENT	4.50
AVERAGE RESIDUAL OIL SATURATION PER CENT OF PORE SPACE:	16.79
AVERAGE TOTAL WATER SATURATION PERCENT OF PORE SPACE:	43.88
OIL GRAVITY	34.
ORIGINAL SOLUTION GAS-OIL RATIO	700.
ORIGINAL FORMATION VOLUME FACTOR BBLs. SATURATED OIL PER BBL. STOCK TANK:	1.25
CALCULATED ORIGINAL OIL IN PLACE	191.59
CALCULATED ORIGINAL STOCK TANK OIL IN PLACE BBLs. PER AC. FEET	153.27
CALCULATED MAX. SOLUTION GAS DRIVE PER AC. FT:	32.19
CALCULATED MAX WATER DRIVE PER AC. FT.:	99.63