

ORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Page No. _____

CORE ANALYSIS RESULTS

Company HARDING OIL COMPANY Formation ATOKA SAND File 621-9217
Well SHAW NO. 1 Core Type 4 1/8" DIAMOND Date Report 2-4-24
Field HUMBLE CITY STRAWN Drilling Fluid _____ Analysts DILLARD
County LEA State NEW MEX. Elev. 3753' GL Location 660' FNL 1980' FEL SEC 15 T-17-S R-37-E

Lithological Abbreviations

SAND - SD COLOMITE - COL ANHYDRITE - ANHY SANDY - SDY FINE - FN CRYSTALLINE - CLN BROWN - BRN FRACTURED - FRAC SLIGHTLY - SL/
SHALE - SH CHERT - CH CONGLOMERATE - CONG SHALY - SHY MEDIUM - MED GRAIN - GRN GRAY - GRV LAMINATION - LAM VERT. - V/
LIME - LM GYPSUM - GYP FOSSILIFEROUS - FOSS LIMY - LMV COARSE - CSE GRANULAR - GRNL VUGGY - VUG STYLOLITIC - STY WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	

WHOLE-CORE ANALYSIS

1	11,625.0-26.4	1.0	0.9	5.9	0.0	58.5	Sd, Sty
2	26.4-27.6	1.3	1.0	6.9	0.0	64.9	Sd, Shy, Sty
# 3	27.6-28.8	<0.1	<0.1	8.5	0.0	64.5	Sd, Shy, Sty
4	28.8-30.0	0.3	0.3	7.5	0.0	68.6	Sd, Shy
5	30.0-31.0	<0.1	<0.1	7.6	0.0	59.3	Sd, Shy, Sty
# 6	31.0-32.7	<0.1	<0.1	9.3	0.0	39.0	Sd, Shy
7	32.7-34.0	1.7	1.1	7.2	0.0	50.8	Sd, Sty
8	34.0-35.4	<0.1	<0.1	7.2	0.0	50.4	Sd, Sty
# 9	35.4-36.6	1.4	1.4	7.2	0.0	48.6	Sd,
10	36.6-38.0	0.4	0.3	6.1	0.0	59.8	Sd, Shy, Sty
11	38.0-39.2	<0.1	<0.1	5.0	0.0	59.4	Sd
12	39.2-40.4	<0.1	<0.1	4.9	0.0	57.3	Sd
13	40.4-41.6	<0.1	<0.1	4.9	0.0	54.6	Sd, Sty
# 14	41.6-42.8	0.4	0.2	6.8	0.0	56.2	Sd
15	42.8-44.0	0.5	*	7.3	0.0	53.7	Sd
16	44.0-45.0	0.1	<0.1	7.1	0.0	57.9	Sd, Shy
17	11,645.0-46.0	1.9	0.3	7.0	0.0	64.5	Sd, Sty
	11,646.0-48.0						Lost Core